

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (11) **WO 98/20721** (13) A1
(21) PCT/DE97/02587
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) de (26) de
(31) 196 46 676.8 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51) Not classified / non classée
(54) PIEZO ELECTRIC ACTUATOR WITH A NEW TYPE OF CONTACTING AND A METHOD FOR THE PRODUCTION THEREOF
ACTIONNEUR PIEZO-ELECTRIQUE AVEC MISE EN CONTACT D'UN TYPE NOUVEAU ET PROCEDE DE FABRICATION DUDIT ACTIONNEUR
- (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) **CRAMER, Dieter** [DE/DE]; Valleyerweg 10, D-83607 Holzkirchen (DE). **HELLEBRAND, Hans** [DE/DE]; Triester Strasse 13/0, D-81669 München (DE). **LUBITZ, Karl** [DE/DE]; Röntgenstrasse 20, D-85521 Otterbrunn (DE). **WOLFF, Andreas** [DE/DE]; Theresen-Giehse-Allee 84, D-81739 München (DE). **HAMANN, Christoph** [DE/DE]; Erlenweg 2, D-85551 Kirchheim (DE). **SCHERER, Clemens** [DE/DE]; Neubauchweg 14 A, D-82205 Gilching (DE).
- (81) BR CA CN CZ JP KR MX RU UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (11) **WO 98/20722** (13) A2
(21) PCT/EP97/06132
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) PA97A000017 (32) **24 Jul/juil 1997 (24.07.1997)** (33) IT
(43) 22 May/mai 1998 (22.05.1998)
(51) Not classified / non classée
(54) VAGINAL DOUCHING AND/OR ENTEROCLYSM DEVICE
DISPOSITIF DE DOUCHE VAGINALE ET/OU D'ENTEROCLYSE
- (71, 72) **CIRILLO, Stefano** [IT/IT]; Corso Sartorio, I-Lercara Friddi (IT). **FUCA, Giuseppe** [IT/IT]; Via S. Margherita Belice, I-Palermo (IT).
- (74) **O'BYRNE, Daniel**; Via Del Parione, 8, I-50123 Florence (IT).
- (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 VZ 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).
- Published / Publiée : (f), (g)
- (11) **WO 98/20723** (13) A2
(21) PCT/US97/19795
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/741,260 (32) **30 Oct/oct 1996 (30.10.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51) Not classified / non classée
(54) APPARATUS FOR USE IN PARTS ASSEMBLY
APPAREIL S'UTILISANT DANS L'ASSEMBLAGE DE PIECES
- (71) **OUTBOARD MARINE CORPORATION** [US/US]; 100 Sea Horse Drive, Waukegan, IL 60085 (US).
- (72) **STREET, William, L.**; 18912 Mueller Road, Kiel, WI 53042 (US). **FRUNCEK, John, G.**; 3924 North Fairwell Avenue, Shorewood, WI 53211 (US).
- (74) **SANDLER, Ronald, A.** et al. / etc.; Jones, Day, Reavis & Pogue, 77 West Wacker Drive, Chicago, IL 60601-1692 (US).
- (81) AL AM AU BA BB BG BR CA CN CU CZ EE GE GH HU IL IS JP KP KR LC LK LR LS LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA 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 98/20724** (13) A2
(21) PCT/US97/20734
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 60/029,427 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(31) 60/039,672 (32) **28 Feb/fév 1997 (28.02.1997)** (33) US
(31) 60/057,857 (32) **2 Sep/sep 1997 (02.09.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51) Not classified / non classée
- (54) HIGH BANDWIDTH BROADCAST SYSTEM HAVING LOCALIZED MULTICAST ACCESS TO BROADCAST CONTENT
SYSTEME DE DIFFUSION EN LARGEUR DE BANDE ELEVEE DONNANT A LA DIFFUSION MULTIDESTINATAIRE UN ACCES LOCALISE AU CONTENU DE LA DIFFUSION
- (71) **STARGUIDE DIGITAL NETWORKS** [US/US]; Suite 1510, 300 E. Second Street, Reno, NV 89501 (US).
- (72) **DONAHUE, Paul, W.**; 4395 Bitterroot Road, Reno, NV 89509 (US). **DANKWORTH, Jeffrey, A.**; 95 Riverdale Circle, Reno, NV 89439 (US). **HINDERKS, Larry, W.**; 70 Promontory Pointe, Reno, NV 89509 (US). **FISH, Laurence, A.**; 1840 Lyndon Road, San Diego, CA 92013 (US). **LENER, Ian, A.**; 7260-B Calabria Court, San Diego, CA 92122 (US). **BALLISTER, Thomas, C.**; 4763 Bradford Lane, Reno, NV 89509 (US). **ROBERTS, Roswell, R., III**; 1172 Woodrush Court, San Diego, CA 92128 (US).
- (74) **POLIT, Robert, B.** et al. / etc.; McAndrews, Held & Malloy, Ltd., Suite 3400, 500 West Madison, Chicago, IL 60661 (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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VZ 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 98/20725** (13) A1
(21) PCT/DK97/00570
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) da (26) en
(31) 9600392 U (32) **8 Nov/nov 1996 (08.11.1996)** (33) DK
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A01B 33/02 // 1/06
(54) ROTARY WEEDING CULTIVATOR
HOUE ROTATIVE SARCLEUSE
- (71, 72) **DELE, Preben** [DK/DK]; Poppelhegnet 2, DK-6400 Sønderborg (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 SL TJ TM TR TT UA UG US UZ VN YU ZW.
- (11) **WO 98/20726** (13) A1
(21) PCT/AU97/00779
(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en
 (31) PO 3597 (32) **12 Nov/nov 1996** (33) AU
 (12.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A01D 34/66, 43/10, 82/02

(54) VERTICAL-AXIS MOWER AND ROLLER
 CONDITIONER
 FAUCHEUSE A AXE VERTICAL ET CONDI-
 TIONNEUR A ROULEAUX

(71, 72) **BIRD, Ronald, George** [AU/AU]; "Cubbaroo
 Station", Cloncurry, QLD 4824 (AU).

(74) **PIZZEYS PATENT AND TRADE MARK
 ATTORNEYS**; Level 6, 444 Queen Street, Bris-
 bane, 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 HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (a)

(11) **WO 98/20727** (13) A1

(21) PCT/US97/20721

(22) **14 Nov/nov 1997** (14.11.1997)

(25) en (26) en

(31) 60/030,970 (32) **15 Nov/nov 1996** (33) US
 (15.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01D 34/73

(54) DISC AND KNIFE CUTTER ASSEMBLY FOR
 MOWING
 ENSEMBLE COUPANT A DISQUE ET LAMES
 POUR TONDEUSE

(71, 72) **MEGLI, Roy, D.** [US/US]; 2203 Steven, Rock
 Falls, IL 61071 (US).

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

Published / Publiée : (c)

(11) **WO 98/20728** (13) A2

(21) PCT/EP97/06188

(22) **7 Nov/nov 1997** (07.11.1997)

(25) en (26) en

(31) VI96A000183 (32) **8 Nov/nov 1996** (33) IT
 (08.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01D 90/00, A01K 5/00, A01D 90/10

(54) CUTTER-MIXER AND BED-STRAW SPREA-
 DER WAGON PROVIDED OF A PERFECTED
 GROUP FOR THE DISTRIBUTION OF THE
 STRAW OUTSIDE THE WAGON
 BENNE MELANGEUSE ET EPEANDEUSE DE
 PAILLE POUR LITIERE, EQUIPEE D'UN
 DISPOSITIF PERFECTIONNE D'EPANDAGE
 DE LA PAILLE HORS DE LA BENNE

(71) **SEKO S.P.A.** [IT/IT]; Via Gorizia, 90, I-35010
 Curtarolo (IT).
 (for all designated States except / pour tous les États
 désignés sauf US)

(71, 72) **LOPPOLI, Giuseppe** [IT/IT]; Via R. Marghe-
 rita, 30/A, I-35010 Grantorto (IT).
 (only for / seulement pour CA US)

(74) **BONINI, ERCOLE**; Studio Ing. E. Bonini S.r.l.,
 Corso Fogazzaro, 8, I-36100 Vicenza (IT).

(81) AU BR CA CN CZ EE FI GE HU IL JP KR LT
 LV MX NO NZ PL SI SK TR UA US VN YU; EP
 (AT BE CH DE DK ES FI FR GB GR IE IT LU
 MC NL PT SE).

(11) **WO 98/20729** (13) A1

(21) PCT/GB97/03082

(22) **11 Nov/nov 1997** (11.11.1997)

(25) en (26) en

(31) 9623645.0 (32) **13 Nov/nov 1996** (33) GB
 (13.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01K 13/00

(54) INHIBITION OF CRIB-BITING
 PROCEDE VISANT A EMPECHER UN ANI-
 MAL DE MORDRE SA MANGEOIRE

(71, 72) **GROVES, Jeffrey** [GB/GB]; Moss Cottage,
 Craco Moss, Betley, Crewe, Cheshire CW3 9BS
 (GB).

(74) **MATTHEWS, Richard, Nordan**; Pear Tree Cot-
 tage, Cholmondeston, Winsford, Cheshire CW7
 4DR (GB).

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

Published / Publiée : (c)

(11) **WO 98/20730** (13) A1

(21) PCT/EP97/06439

(22) **14 Nov/nov 1997** (14.11.1997)

(25) en (26) en

(31) MO96A000149 (32) **15 Nov/nov 1996** (33) IT
 (15.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01M 21/04

(54) PLANT FOR THE CONTROLLED DIFFUSION
 OF ACTIVE SUBSTANCES IN CULTIVATION
 AND IN DEFENCE AGAINST PARASITES IN
 AGRICULTURE
 INSTALLATION POUR L'APPORT REGULE DE
 SUBSTANCES ACTIVES AUX CULTURES ET
 POUR LA LUTTE CONTRE LES PHYTOPARA-
 SITES

(71, 72) **PRATIZZOLI, William** [IT/IT]; Via Romana,
 65, I-41036 Medolla (IT).

(74) **DE GREGORI, Antonella** et al. / etc.; Barzanò
 & Zanardo Milano S.p.A., Via Borgonuovo, 10,
 I-20121 Milano (IT).

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

Published / Publiée : (c)

(11) **WO 98/20731** (13) A1

(21) PCT/US97/20761

(22) **13 Nov/nov 1997** (13.11.1997)

(25) en (26) en

(31) 60/030,953 (32) **15 Nov/nov 1996** (33) US
 (15.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01N 1/02, A61K 35/28

(54) MSC-MEGAKARYOCYTE PRECURSOR
 COMPOSITION AND METHOD OF ISOLA-
 TING MSCS ASSOCIATED WITH ISOLATED
 MEGAKARYOCYTES BY ISOLATING MEGA-
 KARYOCYTES
 COMPOSITIONS MIXTES DE CELLULES
 MSC ET DE PRECURSEURS DE MEGACA-
 RYOCYTES ET PROCEDE POUR ISOLER
 LES CELLULES MSC ASSOCIEES AUX
 MEGACARYOCYTES, EN SEPARANT LES
 MEGACARYOCYTES

(71) **OSIRIS THERAPEUTICS, INC.** [US/US]; 2001
 Aliceanna Street, Baltimore, MD 21231-2001
 (US).

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

(72, 75) **THIEDE, Mark, A.** [US/US]; 319 Pond View
 Court, Forrest Hills, MD 21050 (US). **MARSHAK,
 Daniel, R.** [US/US]; 111639 St. David's Lane,
 Lutherville, MD 21093 (US).

(74) **HERRON, Charles, J.** et al. / etc.; Carella, Byrne,
 Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker
 Farm Road, Roseland, NJ 07068 (US).

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

Published / Publiée : (c)

(11) **WO 98/20732** (13) A1

(21) PCT/US97/15985

(22) **10 Sep/sep 1997** (10.09.1997)

(25) en (26) en

(31) 9623476.0 (32) **12 Nov/nov 1996** (33) GB
 (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01N 33/12

(54) MYCOBACTERICIDAL COMPOSITIONS
 COMPOSITIONS MYCOBACTERICIDES

(71) **RECKITT & COLMAN INC.** [US/US]; 1655
 Valley Road, Wayne, NJ 07474 (US).

(72) **McCUE, Karen, A.**; 166 Westervelt Avenue, Tena-
 fly, NJ 07670 (US). **NANAVATI, Narenara**; 230
 Parkway, Maywood, NJ 07670 (US). **TAYLOR,
 Timothy, John**; 1613 Riveredge Road, Oviedo, FL
 32766 (US).

(74) **PARFOMAK, Andrew, N.** et al. / etc.; Fish &
 Richardson P.C., Suite 2800, 45 Rockefeller Plaza,
 New York, NY 10111 (US).

(81) AL AM AU BB BG BR CA CN CZ EE FI GE
 HU IL IS JP KG 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
 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 98/20733** (13) A1

(21) PCT/US97/20015

(22) **6 Nov/nov 1997** (06.11.1997)

(25) en (26) en

(31) 96870144.1 (32) **13 Nov/nov 1996** (33) EP
 (13.11.1996)

(34) BE et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01N 33/12, 37/02, 37/16, 37/36, 55/00, 55/08,
 65/00

(54) SPRAYABLE DISINFECTING COMPOSITIONS
 AND PROCESSES FOR DISINFECTING SUR-
 FACES THEREWITH

COMPOSITIONS DESINFECTANTES A VAPO-
RISER ET PROCEDES DE DESINFECTATION DE
SURFACES A L'AIDE DE CELLES-CI

(71) **THE PROCTER & GAMBLE COMPANY**
[US/US]; One Procter & Gamble Plaza, Cincin-
nati, OH 45202 (US).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **PETRI, Marco** [IT/IT]; Via Ai Boschi, 70,
I-21021 Angera Varese (IT). **TRANI, Marina**
[IT/IT]; Via Gualtiero Serafino, 20, I-00136 Rome
(IT).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO 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); OA (BF BJ CF CG CI CM GA GN ML MR
NE SN TD TG).

(11) **WO 98/20734** (13) A1

(21) PCT/US97/21324

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,164 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(31) 08/896,085 (32) **17 Jul/juillet 1997 (17.07.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01N 37/18, A61F 13/00, A61K 39/00, 9/127,
9/52, 9/56

(54) ADJUVANT FOR TRANSCUTANEOUS IMMUN-
IZATION
ADJUVANT POUR IMMUNISATION TRANS-
CUTANEE

(63) US 08/749,164 (CIP)
14 Nov/nov 1996 (14.11.1996)
US 08/896,085 (CIP)
17 Jul/juillet 1997 (17.07.1997)

(71) **THE GOVERNMENT OF THE UNITED
STATES OF AMERICA, as represented by
THE SECRETARY OF THE ARMY** [US/US];
Office of the Command Judge Advocate, John
Moran, HQ USAMRMC, Fort Detrick, Frederick,
MD 21701-5012 (US).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **GLENN, Gregory, M.** [US/US]; 8810 Mel-
wood Road, Bethesda, MD 20817 (US). **ALVING,
Carl, R.** [US/US]; 3 Newbolt Court, Bethesda, MD
20817 (US).

(74) **KOKULIS, Paul, N.** 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 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 98/20735** (13) A1

(21) PCT/US97/20319

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 96870143.3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) EP

(34) BE et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01N 39/00

(54) SPRAYABLE DISINFECTING COMPOSITIONS
AND PROCESSES FOR DISINFECTING SUR-
FACES THEREWITH
COMPOSITIONS DESINFECTANTES PULVE-
RISABLES ET PROCEDES DE DESINFECTATION
DE SURFACES A L'AIDE DE TELLES COMPO-
SITIONS

(71) **THE PROCTER & GAMBLE COMPANY**
[US/US]; One Procter & Gamble Plaza, Cincin-
nati, OH 45202 (US).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **PETRI, Marco** [IT/IT]; Via Ai Boschi, 70,
I-21021 Angera (IT). **TRANI, Marina** [IT/IT]; Via
Gualtiero Serafino, 20, I-00136 Rome (IT).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO 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); OA (BF BJ CF CG CI CM GA GN ML MR
NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/20736** (13) A1

(21) PCT/US97/20039

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/747,457 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01N 43/04, 59/00, A61K 31/70, 33/00, 38/44

(54) VASOACTIVE EFFECTS AND FREE RADICAL
GENERATION BY β -AMYLOID PEPTIDES
EFFETS VASOACTIFS ET PRODUCTION DE
RADICAUX LIBRES PAR DES PEPTIDES β -
AMYLOIDES

(71) **UNIVERSITY OF SOUTH FLORIDA** [US/US];
4202 E. Fowler Avenue - FAO 126, Tampa, FL
33620-7900 (US).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **MULLAN, Michael** [GB/US]; 17834 Grey
Brooke Drive, Fox Chase, Tampa, FL 33647 (US).
ARENDASH, Gary, W. [US/US]; 2405 Burlwood
Drive, Lutz, FL 33549 (US). **CRAWFORD, Fiona,
C.** [GB/US]; 9334 Huntington Parkway, Hunters
Green, Tampa, FL 33647 (US). **SUO, Zhiming**
[CN/US]; Apartment #17, 3600 E. Fletcher Avenue,
Tampa, FL 33613 (US).

(74) **KOHN, Kenneth, I.** et al. / etc.; Kohn & Asso-
ciates, Suite 410, 30500 Northwestern Highway,
Farmington Hills, MI 48334 (US).

(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 98/20737** (13) A1

(21) PCT/EP97/06053

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 46 880.9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01N 43/24, 25/28

(54) ENDOSULFAN MICROCAPSULE DISPERSION
DISPERSION DE MICROCAPSULES
D'ENDOSULFAN

(71) **HOECHST SCHERING AGREVO GMBH**
[DE/DE]; Mirastrasse 54, D-13509 Berlin (DE).

(71, 72) **KRAUSE, Hans-Peter** [DE/DE]; Goldbach-
weg 2, D-65719 Hofheim (DE). **MAIER, Tho-
mas** [DE/DE]; Kapellenstrasse 16, D-65719 Hof-
heim (DE). **BREMMER, Jan, Nicolaas** [NL/DE];
Mainzer Landstrasse 5000, D-67975 Hattersheim
(DE).

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

Published / Publiée : (c)

(11) **WO 98/20738** (13) A1

(21) PCT/US97/20087

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/031,646 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A01N 47/44, A61L 2/16, 2/18

(54) COMPOSITIONS AND METHODS IN WHICH
BIS(BIGUANIDES) PROVIDE ENHANCED
ANTIMICROBIAL EFFICACY FOR DISINFEC-
TING CONTACT LENSES
COMPOSITIONS ET PROCEDES FAISANT AP-
PEL A DES BIS(GUANIDES) AFIN D'OBTENIR
UNE MEILLEURE ACTIVITE ANTIMICRO-
BIENNE LORS DE LA DESINFECTATION DE
LENTILLES DE CONTACT

(71) **BAUSCH & LOMB INCORPORATED** [US/US];
One Bausch & Lomb Place, Rochester, NY
14604-2701 (US).

(72) **SPOONER, Susan, P.**; 22 Saybrooke Drive, Pen-
field, NY 14526 (US). **HEILER, David, J.**;
173 Wadsworth Avenue, Avon, NY 14414 (US).
SIMPSON, Lisa, C.; 73 Raton Avenue, Rochester,
NY 14626 (US). **MARSCH, David, A.**; Apart-
ment 2065, 5505 Cross Creek Lane, Fort Worth,
TX 76109 (US).

(74) **KONKOL, Chris, P.** et al. / etc.; Bausch &
Lomb Incorporated, One Bausch & Lomb Place,
Rochester, NY 14604-2701 (US).

(81) AL AU BB BR BY CA CU EE ES FI GB HU IL
JP KE KG KP KR MD MK MN MW NO NZ PL
PT RU SE SI SK TJ TR TT UA UZ VN; AP (GH
KE LS MW SD SZ UG ZW); EP (AT BE CH DE
DK ES FI FR GB GR IE IT LU MC NL PT SE);
OA (BF BJ CF CG CI CM GA GN ML MR NE
SN TD TG).

Published / Publiée : (c)

(11) **WO 98/20739** (13) A1

(21) PCT/EP97/06359

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 119.2 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A21B 3/07, A21C 13/02(54) INSTALLATION FOR STORING DOUGH PRODUCTS
INSTALLATION D'ENTREPOSAGE DE PRODUITS EN PATE(71) **BÄCKEREI BRINKER GMBH** [DE/DE]; Friedrich der Große 8, D-44628 Herne (DE).(72) **DITTRICH, Bernd**; Bachackerweg 79, D-45772 Marl (DE).(74) **COHAUSZ HASE DAWIDOWICZ & PARTNER**; Schumannstrasse 97-99, D-40237 Düsseldorf (DE).

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

Published / Publiée : (c)

(11) **WO 98/20740** (13) A1

(21) PCT/US97/17674

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/745,424 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A21C 1/02, 1/14(54) DOUGH HOOK AND A FOOD MIXER
CROCHET PETRISSEUR ET MELANGEUR A ALIMENTS(71) **PREMARK FEG L.L.C.** [US/US]; Suite 509, 300 Delaware Avenue, Wilmington, DE 19801 (US).(72) **XIE, Mark, Mingjun**; 876 Stonehedge Drive, Tipp City, OH 45371 (US). **FRIEND, Duane, H.**; 1226 S. Preble County Line Road, West Alexandria, OH 45381 (US).(74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine & Flory LLP, 2000 Courthouse Plaza, N.E., P.O. Box 8801, Dayton, OH 45401-8801 (US).

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

(11) **WO 98/20741** (13) A1

(21) PCT/IL97/00369

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 119612 (32) **14 Nov/nov 1996 (14.11.1996)** (33) IL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A21C 3/08(54) DEVICE AND METHOD FOR AUTOMATED KNOTTING OF DOUGH STRANDS
DISPOSITIF ET PROCEDE POUR NOUER AUTOMATIQUEMENT DES ROULEAUX DE PATE A PAIN(71) **BREAD T.T. LTD.** [IL/IL]; Derech Hatasya 69/3, 82100 Kiryat Gat (IL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SHLYAKHOVSKY, Michael** [IL/IL]; Narkis 137, 99503 Bet-Shemesh (IL).(74) **FRIEDMAN, Mark, M.**; Beit Samueloff, 7 Haomanim Street, 67897 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20742** (13) A1

(21) PCT/US97/18301

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) en (26) en

(31) 08/746,735 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A21D 6/00(54) FOOD PRODUCT HAVING A DISTINCT PHASE AND PROCESS AND APPARATUS FOR PRODUCING SUCH A PRODUCT
PRODUIT ALIMENTAIRE A PHASE DISTINCTE, ET PROCEDE ET DISPOSITIF POUR LE PRODUIRE(71) **KELLOGG COMPANY** [US/US]; One Kellogg Square, P.O. Box 3599, Battle Creek, MI 49016-3599 (US).(72) **FRANCISCO, Neal, Sylvester**; 8325 South Cochran, Olivet, MI 49076 (US). **WILLOUGHBY, Chris, Lynn**; 488 South Moorland Drive, Battle Creek, MI 49015 (US).(74) **CRAWFORD, James, R.**; Felfe & Lynch, 805 Third Avenue, New York, New York 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (a)

(11) **WO 98/20743** (13) A1

(21) PCT/US97/21348

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,681 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A21D 10/04(54) QUICK BREAD
PAIN ECLAIR(71) **KELLOGG COMPANY** [US/US]; One Kellogg Square, Battle Creek, MI 49016 (US).(72) **REICHKITZER, Tamara, A.**; 127 N. 24th Street, Battle Creek, MI 49016 (US). **SMITH, Charles**; 18790 G. Drive North, Marshall, MI 49068 (US). **JOHNSON, Gerry, L.**; 100 Minges Creek Place F 304, Battle Creek, MI 49015 (US). **RENUSSON, Gilles, G.**; 3042 Parkside Drive, Jenison, MI 49428 (US).(74) **SCHOFIELD, Mary, Anne**; Felfe & Lynch, 805 3rd Avenue, New York, NY 10022 (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).

Published / Publiée : (c)

(11) **WO 98/20744** (13) A1

(21) PCT/EP97/06255

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) fr (26) fr

(31) 96203110.0 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A21D 13/00, 13/08, 2/26, 8/02, 6/00(54) FLAKY PASTRY
PATE FEUILLETEE(71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; Case postale 353, CH-1800 Vevey (CH).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **FERRARI-PHILIPPE, Fabiana** [CH/FR]; 8, rue du Muud, F-60000 Plouy Saint Lucien (FR). **HARLAUX, Ginette** [FR/FR]; 61, rue de Villers St-Lucien, F-60000 Beauvais (FR). **PENET, Sylvie** [FR/FR]; 22, rue du Bout Riffié, F-60430 Warluis (FR).(74) **VUILLE, Roman, L.**; 55, avenue Nestlé, CH-1800 Vevey (CH).

(81) AU BR CA CN HU IL JP KP MX NO NZ PL RU SG TR US.

Published / Publiée : (c)

(11) **WO 98/20745** (13) A1

(21) PCT/FR97/02038

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/14045 (32) **13 Nov/nov 1996 (13.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A22C 9/00, A23B 4/00(54) METHOD FOR TREATING PICKLED MEAT SLICES, SUCH AS HAM SLICES
PROCEDE DE TRAITEMENT THERMIQUE DE VIANDES SAUMUREES, TELLES QUE DES JAMBONS(71) **KAUFLER S.A.** [FR/FR]; Z.A. des Parpareux, F-22600 Loudeac (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **CHAMPALAUNE, Jean-Claude** [FR/FR]; 74 bis, rue de Merdrignac, F-35290 Saint Meen Le Grand (FR). **CORVELER, Yvon** [FR/FR]; 13, rue de Ker-Eostin, F-56300 Pontivy (FR). **LE MESTRE, Gilles** [FR/FR]; Ty-Nevé - Kerfleau, F-56850 Caudan (FR).(74) **LEFAOU, Daniel**; Cabinet Regimbeau, 11, rue Franz Heller, Boîte postale 19107, F-35019 Rennes Cedex 7 (FR).

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

(11) **WO 98/20746** (13) A1

(21) PCT/EP97/05645

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) de (26) de

(31) 196 46 721.7 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A22C 11/02

(54) METHOD AND DEVICE FOR PRODUCING SAUSAGE-TYPE PRODUCTS WITH A FLEXIBLE TUBULAR OR POUCHLIKE WRAPPER
PROCEDE ET DISPOSITIF POUR FABRIQUER DES PRODUITS DE TYPE SAUCISSE COMPORTANT UNE GAINÉ D'EMBALLAGE EN FORME DE TUBE OU DE POCHE

(71) **POLY-CLIP SYSTEM GMBH & CO. KG** [DE/DE]; Westerbachstrasse 45, D-60489 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANTEN, Jürgen** [DE/DE]; Sudetenstrasse 13a, D-35519 Rockenberg (DE).

(74) **FISCHER, Ernst**; Neumannstrasse 88, D-60433 Frankfurt am Main (DE).

(81) AU BG BR BY CA CN CZ EE HU IL JP LT LV MX NO NZ PL PT RO RU SG SI SK TR UA US; 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 98/20747** (13) A1

(21) PCT/US97/20658

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,097 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23G 9/28

(54) SPOUT FOR A FROZEN DESSERT BAG
BEC DESTINE A UN SACHET DE DESSERT GLACE

(71) **EUROPEX SYSTEMS, INC.** [US/US]; 420 South Hurstbourne Parkway, Louisville, KY 40222 (US).

(72) **STUMLER, Irvin, H.**; 1313 Somerhill Place, Louisville, KY 40223 (US).

(74) **CAMORIANO, Theresa, Fritz**; Wheat, Camoriano, Smith & Beres, PLC, 8225 Shelbyville Road, Louisville, KY 40222 (US).

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

(11) **WO 98/20748** (13) A1

(21) PCT/FI97/00690

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fi (26) en

(31) 962811 (32) **13 Nov/nov 1996 (13.11.1996)** (33) FI

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23K 1/16

(54) FEED SUPPLEMENT
SUPPLEMENT ALIMENTAIRE

(71) **MURTO, Armi** [FI/FI]; Vänrikki Stoolin katu 11 B d, FIN-00100 Helsinki (FI). **WIKMAN, Charlotte** [FI/FI]; Vänrikki Stoolin katu 11 B d, FIN-00100 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MURTO, Maria** [FI/FI]; Vänrikki Stoolin katu 11 B d, FIN-00100 Helsinki (FI).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (a)

(11) **WO 98/20749** (13) A1

(21) PCT/NL97/00615

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) nl (26) en

(31) 1004488 (32) **11 Nov/nov 1996 (11.11.1996)** (33) NL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23K 1/16, 1/18, A61K 33/00

(54) AQUEOUS NUTRITIVE PREPARATION COMPRISING LACTIC ACID, ORGANIC ACID AND CHELATED TRACE ELEMENTS
PREPARATION NUTRITIVE AQUEUSE CONTENANT UN ACIDE LACTIQUE, UN ACIDE ORGANIQUE ET DES OLIGO-ELEMENTS CHELATES

(71) **MINOTARA CORPORATION N.V.** [NL/NL]; Pietermaai 15, Curaçao (AN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANTERS, Adrianus, Wilhelmus, Johannes** [NL/NL]; Middenakkerweg 1, NL-5741 HS Beek en Donk (NL).

(74) **VAN KAN, J., J., H.** et al. / etc.; ALGEMEEN OCTROOIBUREAU, World Trade Center, Past. Petersstraat 160, NL-5612 LV Eindhoven (NL).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/20750** (13) A1

(21) PCT/GB97/03087

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9623539.5 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23K 1/165

(54) ENZYMES AND THEIR USE IN THE ENHANCEMENT OF SOYA AS A FEEDSTUFF
ENZYMES ET LEUR UTILISATION DANS L'AMELIORATION DU SOJA UTILISE COMME ALIMENT POUR ANIMAUX

(71) **BIOTAL LIMITED** [GB/GB]; 5 Chiltern Close, Cardiff CF4 5DL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLE, Stephen, Charles, John** [GB/GB]; 80 Stanwell Road, Penarth, S. Glamorgan CF64 3LQ (GB). **SHEEHAN, Noel** [GB/GB]; Biotol Limited, 5 Chiltern Close, Cardiff CF4 5DL (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20751** (13) A1

(21) PCT/US97/20618

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,315 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23L 1/054, 2/62, A23G 1/00

(54) GELLAN GUM TO IMPROVE PHYSICAL STABILITY OF LIQUID NUTRITIONAL PRODUCTS
GOMME GELLANE UTILISEE POUR AMELIORER LA STABILITE PHYSIQUE DE PRODUITS NUTRITIONNELS LIQUIDES

(71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

(72) **MORRIS, Jeffrey, G.**; 1668 Melrose Avenue, Columbus, OH 43224 (US). **DEWILLE, Normanella, T.**; 2580 Clairmont Court, Upper Arlington, OH 43220 (US). **SNOWDEN, Gregory, A.**; 5600 Kean Road, Westerville, OH 43082 (US). **CHANDLER, Michael, A.**; 5359 Harvestwood Lane, Gahanna, OH 43230 (US). **GUNN, Amanda, L.**; 805 Comfort Lane, Washington Court House, OH 43160 (US). **MULCHANDANI, Rohini, P.**; 2364 Collins Drive, Worthington, OH 43085-2810 (US). **HARTLINE, Steven, L.**; 5600 Kean Road, Westerville, OH 43081 (US).

(74) **DIXON, James, Michael**; Abbott Laboratories, Ross Products Division, Dept. 108140/DS-1, 625 Cleveland Avenue, Columbus, OH 43215-1724 (US) et al. / etc.

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

Published / Publiée : (c)

(11) **WO 98/20752** (13) A1

(21) PCT/GB97/02964

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9623325.9 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23L 1/22, A23P 1/08

(54) FOOD FLAVOURING PRODUCT AND METHOD OF MANUFACTURE THEREOF
AROMATE ARTIFICIEL POUR DENREES ET PROCEDE DE FABRICATION DUDIT AROMATE

(71, 72) **KARLSSON, Karl, Heimir** [IS/GB]; 38 Northfield, Swanland, East Yorkshire HU14 3RB (GB).

(74) **VINSOME, Rex, Martin**; Urquhart-Dykes & Lord, St. Nicholas Chambers, Amen Corner, Newcastle upon Tyne NE1 1PE (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 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).

Published / Publiée : (c)

(11) **WO 98/20753** (13) A1

(21) PCT/US97/20583

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,975 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23L 1/236, 2/60

(54) REDUCTION OF LINGERING SWEET AFTER-TASTE OF SUCRALOSE
REDUCTION DE L'ARRIERE-GOUT SUCRE PERSISTANT DU SUCRALOSE

(71) **PEPSICO, INC.** [US/US]; 700 Anderson Hill Road, Purchase, NY 10577 (US).

(72) **SHAMIL, Syed, H.**; 4 Martine Avenue #211, While Plains, NY 10606 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/20754** (13) A1

(21) PCT/JP97/03671

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) ja (26) ja

(31) 8/318745 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23L 1/238

(54) REGULATEUR FOR FERMENTATION DURING PREPARATION OF SOY SAUCE, SOY SAUCE, AND PROCESS FOR PREPARING THE SAME
REGULATEUR DE FERMENTATION PENDANT LA PREPARATION DE SAUCE DE SOJA, SAUCE DE SOJA ET SON PROCEDE DE PREPARATION

(71) **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKENAWA, Seishi** [JP/JP]; 2-15-22, Gakuen Midorigaoka, Nara-shi, Nara 631 (JP). **ISE, Naomi** [JP/JP]; 23-7-406, Machikaneyama-sho, Toyonaka-shi, Osaka 560 (JP).

(74) **SEKI, Hideo**; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532 (JP).

(81) CN JP KR US.

(11) **WO 98/20755** (13) A1

(21) PCT/US96/16488

(22) **12 Nov/nov 1996 (12.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23L 1/29, 2/00, 2/52

(54) CONTROLLED-RELEASE FORMULA FOR PERFORMANCE DRINKS
FORMULE A LIBERATION LENTE POUR BOISSONS ENERGETIQUES

(71, 72) **BOOTH, Garcia, Paul** [CA/US]; 803 East Ellis Street, Jefferson City, TN 37760 (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 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 (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 98/20756** (13) A1

(21) PCT/EP97/06254

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/749,119 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A23L 1/40, 1/22, A23P 1/04, 1/02, A23L 1/0522

(54) COMPLETE FLAVOR MIX TRANSFORMED INTO THE GLASSY STATE
PREPARATION ALIMENTAIRE ENTIEREMENT AROMATISEE, TRANSFORMEE A L'ETAT VITREUX

(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 GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG)

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA GB GH IE KE LK LS MN MW NZ SD SG SZ TT UG)

(72) **FRANKE, Conrad, William**; Lipton, Division of Conopco Inc., 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **JAE, Jacob, Paul**; Lipton, Division of Conopco Inc., 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **SULLIVAN, Daniel, Thomas**; Lipton, Division of Conopco Inc., 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **PARADA, Maya**; Lipton, Division of Conopco Inc., 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US). **FARREL, Francis, John**; Lipton, Division of Conopco Inc., 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US).

(74) **UNILEVER N.V.**; Patent Division, P.O. Box 137, NL-3130 AC Vlaardingen (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/20757** (13) A1

(21) PCT/RU96/00318

(22) **11 Nov/nov 1996 (11.11.1996)**

(25) ru (26) ru

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A24C 5/40, A24F 15/00

(54) BOX FOR SMOKER'S ARTICLES AND SMOKER'S KIT
BOITE POUR ARTICLES DE TABAGIE ET NECESSAIRE POUR FUMEUR

(71, 72) **LAVYSH, Sergei Evgenievich** [RU/RU]; ul. Ramezni, 25-3-772, Moscow, 117607 (RU). **JURENEV, Georgy Leonidovich** [RU/RU]; pl. Pobedy, 2-2-22, Moscow, 121077 (RU).

(74) **JOINT OPEN COMPANY "PATENT SERVICES CENTRE"**; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (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 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 (KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20758** (13) A1

(21) PCT/US97/20427

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/747,333 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A41B 11/00

(54) ENHANCED FRICTIONAL ENGAGEMENT SOCK
CHAUSSETTE A CONTACT PAR FROTTEMENT AMELIORE

(71) **OGDEN & COMPANY, INC.** [US/US]; 2101 Van Blaricum Road, Cincinnati, OH 45233 (US).

(72) **OGDEN, J., Michael**; 2101 Van Blaricum Road, Cincinnati, OH 45233 (US).

(74) **KAUTZ, Thomas, L.** et al. / etc.; Holland & Knight LLP, Suite 1300, One East Broward Boulevard, P.O. Box 14070, Fort Lauderdale, FL 33302-4070 (US).

(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).

Published / Publiée : (c)

- (11) **WO 98/20759** (13) A1
(21) PCT/US97/20563
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 08/746,715 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A41D 13/00
(54) SKIN APPLIQUE TO PROVIDE PROTECTION FROM ULTRAVIOLET LIGHT PROTECTION ADHERANT A LA PEAU PROTEGEANT CONTRE LE RAYONNEMENT ULTRAVIOLET
(71, 72) **KLEIN, Jeffrey, A.** [US/US]; 30280 Rancho Viejo Road, San Juan Capistrano, CA 92675 (US).
(74) **STETINA, Kit, M.** et al. / etc.; Stetina Brunda Garred & Brucker, Suite 401, 24221 Calle de la Louisa, Laguna Hills, CA 92653 (US).
(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20760** (13) A1
(21) PCT/GB97/03026
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 9623367.1 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A41D 13/08
(54) SELF-ADHESIVE PATCH FOR APPLICATION TO THE SKIN PROTECTION AUTO-ADHESIVE DESTINEE A ETRE APPLIQUEE SUR LA PEAU
(71, 72) **BURKE, Michael, Anthony** [GB/GB]; 3 Oakland Street, Bobbersmill, Nottingham NG7 5JQ (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 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 VZ 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 98/20761** (13) A1
(21) PCT/US97/21182
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 08/748,817 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(31) 08/919,490 (32) **28 Aug/Août 1997 (28.08.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A41F 1/00, A44B 11/00
(54) A QUICK RELEASE BUCKLE ASSEMBLY ENSEMBLE BOUCLE A OUVERTURE RAPIDE
(71) **DOWN EAST, INC.** [US/US]; P.O. Box 328, Bridgton, ME 04009 (US).
-
- (72) **HOWELL, Clarence, F.**; 18 Pleasant Street, Bridgton, ME 04009 (US).
(74) **STEVENS, Richard, L.** et al. / etc.; Samuels, Gauthier, Stevens & Reppert, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).
(81) AU CA IL JP KR MX TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/20762** (13) A1
(21) PCT/US97/03098
(22) **28 Feb/fév 1997 (28.02.1997)**
(25) en (26) en
(31) 08/747,780 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A43B 3/12, 21/32
(54) RESILIENT SANDAL WEDGE AND SANDAL FORMED THEREWITH COIN ELASTIQUE POUR SANDALE ET SANDALE COMPRENANT CELUI-CI
(71) **TOTES ISOTONER CORPORATION** [US/US]; 10078 E. Kemper Road, Loveland, OH 45140 (US).
(72) **GANON, Michael, H.**; 7200 Keystone Ranch Court, Blacklick, OH 43004 (US).
(74) **NAVARO, A., Ralph, Jr.**; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
(81) CA FI MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20763** (13) A1
(21) PCT/US97/20504
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 60/030,143 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A43B 5/00
(54) CLEATED ATHLETIC SHOE CHAUSSURES D'ATHLETES A CRAMPONS
(71, 72) **HOCKERSON, Stan** [US/US]; 6718 Mossman Place, N.E., Albuquerque, NM 87110 (US).
(74) **BACKUS, Richard, E.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, Four 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VZ 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 98/20764** (13) A1
(21) PCT/FR97/02009
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) fr (26) fr
(31) 96/13650 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR
-
- (43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A43B 7/06
(54) FOOTWEAR WITH AIR CIRCULATION AND METHOD OF MANUFACTURE ARTICLE CHAUSSANT A CIRCULATION D'AIR ET SON PROCEDE DE FABRICATION
(71) **ETEX** [FR/FR]; 33, rue d'Artois, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PARADIS, Michel** [FR/FR]; Hameau de Cava-las, 10, rue des Gavets, F-30380 Saint Christol lès Alès (FR). **SISTRE, Jean-Louis** [FR/FR]; 4, rue des Rouges Gorges, F-30100 Alès (FR).
(74) **DAWIDOWICZ, Armand**; Cabinet Dawidowicz, 18, boulevard Pereire, F-75017 Paris (FR).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 VZ 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 98/20765** (13) A1
(21) PCT/US97/20876
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,978 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A44B 11/26
(54) COMPLIANT LATCHING FASTENER PREHENSEUR SOUPLE VERROUILLABLE
(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
(72) **SAITOU, Kazuhiro**; 22 Magazine Street #8, Cambridge, MA 02139 (US). **JAKIELA, Mark, J.**; 6423 Alamo Avenue #2E, Clayton, MO 63105 (US).
(74) **LOBER, Theresa, A.**; T.A. Lober & Associates, 128 Robbins Drive, Carlisle, MA 01741 (US).
(81) CA JP KR IR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/20766** (13) A1
(21) PCT/CA97/00832
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/747,209 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A44B 18/00, B29C 33/16
(54) FASTENER ASSEMBLY WITH PERIPHERAL SEAL DISPOSITIF DE FIXATION A JOINT PERIPHERIQUE
(71) **WOODBRIIDGE FOAM CORPORATION** [CA/CA]; Suite 300, 4240 Sherwoodtowne Boulevard, Mississauga, Ontario L4Z 2G6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OBORNY, Louis, F.** [US/US]; 7400 N.W. 77th Street, Kansas City, MO 64152 (US). **KANGAS, Kevin, G.** [US/US]; 1821 Bragg Street, Chamblee, GA 30341 (US). **TRAN, James, C.** [US/US]; 9009 W. 81st Street, Overland Park, KS 66204 (US).

(74) **NASSIF, Omar, A.** et al. / etc.; Gowling, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).

Published / Publiée : (c)

(11) **WO 98/20767** (13) A1

(21) PCT/EP97/05412

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) de (26) de

(31) 196 46 318.1 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A44B 18/00

(54) METHOD AND DEVICE FOR PRODUCING A HOOK-AND-PILE TYPE CLOSURE PART FROM THERMOPLASTIC PLASTICS
PROCEDE ET DISPOSITIF POUR PRODUIRE UNE PIECE DE FERMETURE ADHESIVE EN THERMOPLASTIQUE

(71) **GOTTLIEB BINDER GMBH & CO.** [DE/DE]; Bahnhofstrasse 19, D-71088 Holzgerlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMMER, Pavel** [DE/DE]; Gartenstrasse 58, D-72116 Mössingen (DE).

(74) **BARTELS UND PARTNER**; Lange Strasse 51, D-70174 Stuttgart (DE).

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

(11) **WO 98/20768** (13) A1

(21) PCT/EP97/06216

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 46 593.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(31) 197 14 754.2 (32) **10 Apr/avr 1997 (10.04.1997)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A44C 5/20, A44B 15/00

(54) LOCKING DEVICE FOR A PIECE OF JEWELRY, SPECIALLY FOR A CHAIN OR A NECKLACE
FERMOIR POUR UN BIJOU, NOTAMMENT UNE CHAÎNE OU UN COLLIER

(71, 72) **HARTUNG, Hans-Joachim** [DE/DE]; Waldstrasse 22, D-75236 Kämpfelbach (DE). **HARTUNG, Lutz** [DE/DE]; Waldstrasse 6, D-75399 Unterreichenbach (DE).

(74) **TWELMEIER, Ulrich** et al. / etc.; Zerrenerstrasse 23-25, D-75172 Pforzheim (DE).

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

Published / Publiée : (c)

(11) **WO 98/20769** (13) A1

(21) PCT/US97/20648

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,100 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A45C 5/12, 13/04, B65D 25/06

(54) AN ADJUSTABLE COMPARTMENT SYSTEM FOR A CARRYING CASE, A STORAGE CASE AND THE LIKE
SYSTEME A COMPARTIMENTS ADAPTABLES POUR UNE MALETTE DE TRANSPORT, UNE MALETTE DE RANGEMENT, OU ANALOGUES

(71) **SHOWCASE TECHNOLOGIES, LLC** [US/US]; 716 Turf Road, North Woodmere, NY 11581 (US).

(72) **HILLSBERG, Alan**; 64-25 70th Street, Flushing, NY 11379 (US). **STEIN, Robert**; Canterbury Road North, Harrison, NY 10528 (US).

(74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, Suite 903, One Landmark Square, Stamford, CT 06901 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/20770** (13) A1

(21) PCT/US97/20869

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/747,888 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A45C 13/00, 13/18

(54) TAMPER-EVIDENT BAG FOR PROTECTING LUGGAGE AND METHODS THEREOF
SAC INVOLABLE DE PROTECTION DE BAGAGES ET SES UTILISATIONS

(71) **STROUT PLASTICS** [US/US]; 9611 James Avenue South, Bloomington, MN 55431 (US).

(72) **BANG, Scott, M.**; R.R.2, Box 1670, Pillager, MN 56473 (US). **CARNEY, Kenneth, E.**; 8841 Cottonwood, Eden Prairies, MN 55347 (US). **ANCEL, Bruce, M.**; 9944 Humboldt Avenue South, Bloomington, MN 55431 (US). **EVERETT, Thomas, S.**; 170 Oak Shore Drive, Burnsville, MN 55337 (US). **SWENSON, Lance, M.**; 8625 Xerxes Avenue South, Bloomington, MN 55431 (US).

(74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Northwest 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 HU ID IL IS JP KE KG KP KR KZ 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 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 98/20771** (13) A1

(21) PCT/GB97/03092

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623461.2 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A45D 24/22

(54) HAIR STYLING COMB
PEIGNE DE COIFFURE

(71) **KOMB LIMITED** [GB/GB]; Fairfield, Bradshaw Lane, Greenhalgh, Preston, Lancashire PR4 3JA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNETT, Steven** [GB/GB]; 62 Laurel Road, Blaby, Leicester LE8 4DL (GB).

(74) **DEARING-LAMBERT, Peter, Richard**; 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 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).

Published / Publiée : (c)

(11) **WO 98/20772** (13) A1

(21) PCT/US97/21188

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,814 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A45F 3/08, 3/04

(54) BELT ASSEMBLY TO SUPPORT AND RELEASE A BACKPACK
ENSEMBLE CEINTURE SERVANT A SUPPORTER ET A LIBERER UN SAC A DOS

(71) **DOWN EAST, INC.** [US/US]; P.O. Box 328, Bridgton, ME 04009 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOWELL, Clarence, F.** [US/US]; 18 Pleasant Street, Bridgton, ME 04009 (US).

(74) **STEVENS, Richard, L.** et al. / etc.; Samuels, Gauthier, Stevens & Reppert, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

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

(11) **WO 98/20773** (13) A1

(21) PCT/FI97/00615

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) fi (26) en

(31) 964514 (32) **11 Nov/nov 1996 (11.11.1996)** (33) FI

(31) 964515 (32) **11 Nov/nov 1996 (11.11.1996)** (33) FI

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A46B 3/04, A46D 3/04

(54) METHOD AND APPARATUS FOR MANUFACTURING OF A BRUSH RING
PROCEDE ET DISPOSITIF POUR FABRIQUER UN COLLIER PORTE-BALAIS

(71) **SAJAKORPI OY** [FI/FI]; PL 725, FIN-33101 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAJAKORPI, Kimmo** [FI/FI]; Pirkankatu 1 A 16, FIN-33230 Tampere (FI). **KUIVIKKO, Reijo** [FI/FI]; Insinöörinkatu 52 B 36, FIN-33720 Tampere (FI).

(74) **KANGASMÄKI, Reijo**; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20774** (13) A1

(21) PCT/EP97/06239

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 46 519.2 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A46B 11/00, A46D 1/00

(54) DENTAL CARE APPARATUS AND METHOD FOR PRODUCING CLEANING ELEMENTS FOR SAID APPARATUS
APPAREIL POUR SOINS DENTAIRE ET PROCEDE DE PRODUCTION D'ELEMENTS DE NETTOYAGE POUR UN TEL APPAREIL

(71) **PEDEX & CO. GMBH** [DE/DE]; Hauptstrasse 67, D-69483 Wald-Michelbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEIHRAUCH, Georg** [DE/DE]; Am Rossert 1, D-69483 Wald-Michelbach (DE).

(74) **LICHTI, Heiner** et al. / etc.; Bergwaldstrasse 1, D-76227 Karlsruhe (DE).

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

Published / Publiée : (c)

(11) **WO 98/20775** (13) A1

(21) PCT/NL96/00445

(22) **13 Nov/nov 1996 (13.11.1996)**

(25) nl (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A47B 21/03

(54) SUPPORT
SUPPORT

(71, 72) **TE VELDE, Teunis, Arend, Kornelis** [NL/NL]; Felixwei 1, NL-9051 KE Stiens (NL).

(74) **T JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 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 : (a)

(11) **WO 98/20776** (13) A1

(21) PCT/AT97/00217

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) de (26) de

(31) GM 656/96 (32) **8 Nov/nov 1996 (08.11.1996)** (33) AT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A47B 77/08

(54) KITCHEN ARRANGEMENT WITH A TOP PART AND AT LEAST ONE SUBSTRUCTURE, CARRIAGE FOR REMOVABLY SUSPENDING A SUBSTRUCTURE MODULE FROM THE TOP PART
AGENCEMENT DE CUISINE AVEC UNE PARTIE SUPERIEURE ET AU MOINS UNE STRUCTURE INFERIEURE, ET CHARIOT POUR ACCROCHER A ET DECROCHER DE LA PARTIE SUPERIEURE UN MODULE FAISANT PARTIE DE LA STRUCTURE INFERIEURE

(71) **LOHBERGER, HEIZ + KOCHGERÄTE GESELLSCHAFT M.B.H.** [AT/AT]; Braunausersstrasse 2, A-5230 Mattighofen (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARCHHART, Wolfgang** [AT/AT]; A-5164 Seeham 275B (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20777** (13) A1

(21) PCT/GB97/03094

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623623.7 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A47B 87/00

(54) FIXING BRACKET
SUPPORT DE FIXATION

(71, 72) **SARGENT, Danny** [GB/GB]; 8 Meadow Hill Road, Tunbridge Wells, Kent TN1 1SQ (GB).

(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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20778** (13) A1

(21) PCT/US97/08564

(22) **22 May/mai 1997 (22.05.1997)**

(25) en (26) en

(31) 08/745,832 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A47G 5/02

(54) VERTICALLY MOVEABLE FLEXIBLE DOOR
PORTE SOUPLE A OUVERTURE VERTICALE

(71) **THRUWAYS DOORSYSTEMS, INC.** [US/US]; 400 Poplar Street, Pittsburgh, PA 15233 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LICHY, Dale, M.** [US/US]; 214 Royal Doulton Court, Gibsonia, PA 15044 (US).

(74) **SLOBASKY, Michael, R.** et al. / etc.; Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, DC 20004 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/20779** (13) A1

(21) PCT/US97/20141

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/747,482 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A47G 9/00

(54) ADJUSTABLE CERVICAL BEAUTIFICATION
PILLOW
OREILLER ANATOMIQUE ADAPTABLE AU RACHIS CERVICAL

(63) US 08/747,482 (CIP)
12 Nov/nov 1996 (12.11.1996)

(71, 72) **SRAMEK, Roger** [US/US]; Apartment 101, 1255 California Street, San Francisco, CA 94109 (US).

(74) **QUINE, Jonathan, A.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

- (11) **WO 98/20780** (13) A1
 (21) PCT/EP97/06199
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) de (26) de
 (31) 196 46 171.5 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A47G 19/22, 23/03
 (54) DRINKING RECEPTACLE
 RECIPIENT POUR BOIRE
 (71) **CPI ESTABLISHMENT** [LI/LI]; Schaanerstrasse 13, FL-9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)
 (71, 72) **BRUNS, Wolfgang** [DE/DE]; Fuchsbau 17, D-38550 Isenbüttel (DE).
 (74) **SCHNEIDERS BEHRENDT FINKENER ER-NESTI**; Südring 8, D-44787 Bochum (DE).
 (81) AU BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)
-
- (11) **WO 98/20781** (13) A2
 (21) PCT/EP97/06161
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) de (26) de
 (31) 196 46 256.8 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE
 (31) 196 48 533.9 (32) **24 Nov/nov 1996 (24.11.1996)** (33) DE
 (31) 197 21 264.6 (32) **21 May/mai 1997 (21.05.1997)** (33) DE
 (31) 197 35 907.8 (32) **19 Aug/Août 1997 (19.08.1997)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A47G 25/48
 (54) CLOTHES HANGER WITH A PANTS HOLDING DEVICE
 CINTRE AVEC PORTE-PANTALON
 (71, 72) **SCHNEIDER, Kurt** [DE/DE]; Goethestrasse 11, D-73540 Heubach (DE).
 (74) **SEEMANN, Norbert, W.**; Brehmstrasse 37, D-73033 Göppingen (DE).
 (81) AU BR BY CA CZ IL JP KR MX NO PL RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20782** (13) A1
 (21) PCT/GB97/03115
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 9623619.5 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A47J 31/06, 31/40
 (54) PACKAGE HANDLING
 MANIPULATION D'EMBALLAGES
 (71) **MARS U.K. LIMITED** [GB/GB]; 3D Dundee Road, Slough, Berks SL1 4LG (GB).
(for all designated States except / pour tous les États désignés sauf US)
-
- (11) **WO 98/20783** (13) A1
 (21) PCT/GB97/03119
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 9623620.3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A47J 31/40
 (54) PACKAGE HANDLING
 MANIPULATION D'EMBALLAGE
 (71) **MARS U.K. LIMITED** [GB/GB]; 3D Dundee Road, Slough, Berks. SL1 4LG (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **COOKE, John, Charles** [GB/GB]; 30 Salisbury Road, Farnborough, Hants GU14 7AL (GB). **WRIGHT, Michael, Ian** [GB/GB]; Flat 2, 66 Anstey Road, Alton, Hants GU34 2RF (GB). **MEEKS, Alan, Michael, George** [GB/GB]; 19 Kings Pightle, Chineham, Basingstoke, Hants GR24 8XX (GB).
 (74) **COLGAN, Stephen, James**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/20784** (13) A1
 (21) PCT/US97/20421
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 08/747,597 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A47J 37/12
 (54) HEATING CONTROL SYSTEM FOR A GAS FRYER
 SYSTEME DE REGULATION DE TEMPERATURE POUR FRITEUSE FONCTIONNANT AU GAZ
 (71) **AFC ENTERPRISES, INC.** [US/US]; Suite 1700, 6 Concourse Parkway, Atlanta, GA 30328 (US).
 (72) **BARNER, Robert**; 14223 Cougar Creek, San Antonio, TX 78230 (US).
 (74) **SHEA, Michael, J.** 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 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 98/20785** (13) A1
 (21) PCT/EP97/05825
 (22) **22 Oct/oct 1997 (22.10.1997)**
 (25) de (26) de
 (31) 196 46 423.4 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A47J 42/56, 44/00
 (54) FOOD PROCESSOR
 ROBOT CULINAIRE
 (71) **BRAUN AKTIENGESELLSCHAFT** [DE/DE]; Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BÖRGER, Georg** [DE/DE]; Königsteiner Strasse 120, D-61449 Steinbach (DE). **PFEIFER, Bernd** [DE/DE]; Zur Schönen Aussicht 203, D-61118 Bad Vilbel (DE).
 (74) **BRAUN AKTIENGESELLSCHAFT**; Frankfurter Strasse 145, D-61476 Kronberg (DE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 98/20786** (13) A1
 (21) PCT/US97/20423
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) en (26) en
 (31) 08/745,431 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A47L 1/16
 (54) ERGONOMICAL HAND-HELD SCRAPER AND ICE REMOVAL DEVICE FOR WINDOW GLASS CLEANING SYSTEM
 GRATTOIR A MAIN ERGONOMIQUE ET DISPOSITIF D'ENLEVEMENT DE GLACE POUR SYSTEME DE NETTOYAGE DE VERRES A VITRES
 (71, 72) **THOMAS, George, H.** [US/US]; 722 Koogler Street, Fairborn, OH 45324 (US).
 (74) **MAGINOT, Paul, J.**; Maginot & Addison, Bank One Center/Tower, Suite 3000, 111 Monument Circle, Indianapolis, IN 46204-5130 (US).
 (81) : EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20787** (13) A2

(21) PCT/US97/17092

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/748,773 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B

(54) AN ENDOSCOPE WHEREIN ELECTRICAL COMPONENTS ARE ELECTRICALLY ISOLATED FROM PATIENT-ENGAGING COMPONENTS
 ENDOSCOPE DONT LES COMPOSANTS ELECTRIQUES SONT ISOLEES ELECTRIQUEMENT DES COMPOSANTS EN CONTACT AVEC LE PATIENT

(71) **VISTA MEDICAL TECHNOLOGIES, INC.** [US/US]; Suite A, 5451 Avenida Encinas, Carlsbad, CA 92008 (US).

(72) **CRAWFORD, John, O.**; 11 Donna Pass, Hopkinton, MA 01748 (US).

(74) **PANDISCIO, Nicholas, A.**; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02154 (US).

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

(11) **WO 98/20788** (13) A1

(21) PCT/US97/17665

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 08/748,775 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 1/015

(54) AN ENDOSCOPE APPARATUS
 ENDOSCOPE

(71) **VISTA MEDICAL TECHNOLOGIES, INC.** [US/US]; Suite A, 5451 Avenida Encinas, Carlsbad, CA 92008 (US).

(72) **CRAWFORD, John, O.**; 11 Donna Pass, Hopkinton, MA 01748 (US).

(74) **PANDISCIO, Nicholas, A.**; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02154 (US).

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

(11) **WO 98/20789** (13) A1

(21) PCT/JP97/04084

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/13313 U (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 1/24

(54) DENTAL MIRROR WITH LIGHTING EQUIPMENT
 MIROIR DENTAIRE COMPORTANT UN DISPOSITIF D'ECLAIRAGE

(71, 72) **TANAKA, Hiroshi** [JP/JP]; 110, Shinyashiki-shita, Aza, Hirawata, Kashimadaicho, Shida-gun, Miyagi 989-41 (JP).

(81) CN (Utility model / modèle d'utilité) KR (Utility model / modèle d'utilité) US; EP (DE FR GB IT).

(11) **WO 98/20790** (13) A1

(21) PCT/JP97/03977

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) ja (26) ja

(31) 8/302282 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 5/00

(54) RADIATION THERMOMETER
 THERMOMETRE DE MESURE DU RAYONNEMENT

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-04 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EGAWA, Shunji** [JP/JP]; 904-1, Kitahara-cho, Tokorozawa-shi, Saitama 359 (JP).

(74) **SUZUKI, Hiroh.**; Mita No. 1 Nagaoka Building, 4-3, Mita 3-chome, Minato-ku, Tokyo 108 (JP).

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

(11) **WO 98/20791** (13) A1

(21) PCT/US96/17774

(22) **13 Nov/nov 1996 (13.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 5/00

(54) NONINVASIVE HEMODYNAMIC ANALYZER ALTERABLE TO A CONTINUOUS INVASIVE HEMODYNAMIC MONITOR
 ANALYSEUR HEMODYNAMIQUE NON INVASIF POUVANT ETRE TRANSFORME EN UN DISPOSITIF DE SURVEILLANCE HEMODYNAMIQUE NON INVASIF FONCTIONNANT EN CONTINU

(71, 72) **KABAL, John** [US/US]; Suite D, 1142 Walker Road, Great Galls, VA 22066 (US).

(74) **SMITH, Evan, R.**; Sixbey Friedman Leedom & Ferguson, Suite 600, 2010 Corporate Ridge, McLean, VA 22012 (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 (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 98/20792** (13) A1

(21) PCT/US97/21185

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/746,738 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 5/02, 5/08

(54) APPARATUS AND METHODS FOR ANALYZING BODY SOUNDS
 APPAREIL ET PROCEDES PERMETTANT D'ANALYSER DES BRUITS CORPORELS

(71) **UNIVERSITY TECHNOLOGY CORPORATION** [US/US]; Suite 250, 3101 Iris Avenue, Boulder, CO 80301 (US).

(72) **SHAPIRO, Joseph, Isaac**; 2711 South Macon Circle, Aurora, CO 80014 (US). **WEINBERGER, Howard, David**; 933 South Milwaukee Way, Denver, CO 80209 (US).

(74) **PETERSEN, Steven, C.** et al. / etc.; Chrisman, Bynum & Johnson, P.C., 1900 15th Street, Boulder, CO 80302 (US).

(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 98/20793** (13) A1

(21) PCT/US97/21187

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/747,859 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 5/02

(54) METHOD AND SYSTEM FOR REMOTELY MONITORING MULTIPLE MEDICAL PARAMETERS
 PROCEDE ET SYSTEME DE TELESURVEILLANCE DE PLUSIEURS PARAMETRES MEDICAUX

(71) **CRITICARE SYSTEMS, INC.** [US/US]; 20925 Crossroads Circle, Waukesha, WI 53186 (US).

(72) **LAI, Joseph**; 19660 Killarney Way, Brookfield, WI 53005 (US). **BUYAN, Lawrence, A.**; 6225 South 38th Street, Greenfield, WI 53221 (US). **DUBORE, Renee, S.**; 8101 Milwaukee Avenue, Wauwatosa, WI 53213 (US). **PATE, Brian, Lewis**; 2042 Bearss Avenue East, Tampa, FL 33613 (US). **REUSS, James, L.**; 164 South Charles Street, Waukesha, WI 53186 (US).

(74) **DEKRUIF, Rodney, D.** et al. / etc.; Reinhart, Boerner, Van Deuren, Norris & Rieselbach, S.C., Suite 2100, 1000 North Water Street, Milwaukee, WI 53202 (US).

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

(11) **WO 98/20794** (13) A1

(21) PCT/GB97/03074

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623363.0 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 5/026

(54) APPARATUS FOR MEASURING MICROVASCULAR BLOOD FLOW

APPAREIL DE MESURE DU DEBIT SANGUIN MICROVASCULAIRE

(71) **MOOR INSTRUMENTS LIMITED** [GB/GB]; Millwey, Axminster, Devon EX13 5DT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOGGETT, David** [GB/GB]; Moorland Ridge, Trinity Hall, Axminster, Devon EX13 5HU (GB).
HUANG, Xiabing [CN/GB]; 34 Helmstedt Way, Chard, Somerset TA20 1DQ (GB).

(74) **WILKINSON, Stephen, John**; Stevens, Hewlett & Perkins, 1 St. Augustine's 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20795** (13) A1

(21) PCT/GB97/03045

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623575.9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 6/08

(54) MEDICAL IMAGING SYSTEMS
SYSTEMES D'IMAGERIE MEDICALE

(71) **GLASGOW CALEDONIAN UNIVERSITY COMPANY LTD.** [GB/GB]; 2 Blythswood Square, Glasgow G2 4AD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **McBRIDE, Margot** [GB/GB]; 33 Main Street, Kilmconquhar, Fife KY9 1LG (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20796** (13) A1

(21) PCT/US97/20411

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/748,954 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 6/14

(54) DENTAL RADIOGRAPHY USING AN INTRA-ORAL LINEAR ARRAY SENSOR
APPAREIL DE RADIOGRAPHIE DENTAIRE UTILISANT UN CAPTEUR RESEAU LINEAIRE INTRA-ORAL

(71) **SCHICK TECHNOLOGIES, INC.** [US/US]; 31-00 47th Avenue, Long Island City, NY 11101 (US).

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

(72, 75) **SCHICK, David, B.** [US/US]; 150-54 76th Road, Flushing, NY 11367 (US). **NEUGRO-SCHL, Daniel, A.** [US/US]; 123 West 95th Street #2F, New York, NY 10025 (US). **PLASS, David, B.** [US/US]; 2754 Riverside Road, Merrick, NY 11566 (US). **SINGER, Jonathan** [US/US]; 85 Myrtle Avenue, Dobbs Ferry, NY 10522 (US).

(74) **MAYER, Robert, S.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 277 Park Avenue, New York, NY 10172-0194 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/20797** (13) A1

(21) PCT/NO97/00288

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) no (26) en

(31) 964765 (32) **8 Nov/nov 1996 (08.11.1996)** (33) NO

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 8/12, 10/00, 17/00

(54) PROBE DEVICE
DISPOSITIF DE SONDÉ

(71) **NYFOTEK AS** [NO/NO]; R. Birkelandsvei 1A, N-7034 Trondheim (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLEVEN, Atle** [NO/NO]; Kongens gt. 91b, N-7012 Trondheim (NO).

(74) **LARSEN, Rolf, Chr., B.**; ABC-Patent, Siviling, Rolf Chr. B. Larsen a.s., Brynsvveien 5, N-0667 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20798** (13) A1

(21) PCT/EP97/06215

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 46 326.2 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 10/00, 17/28

(54) MEDICAL FORCEPS
PINCE MEDICALE

(71, 72) **LANG, Dieter** [DE/DE]; Wolfersdorfer Strasse 14, D-96342 Stockheim (DE).

(74) **WITTE, Alexander** et al. / etc.; Rotebühlstrasse 121, D-70178 Stuttgart (DE).

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

Published / Publiée : (c)

(11) **WO 98/20799** (13) A1

(21) PCT/AT97/00242

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) GM 655/96 (32) **8 Nov/nov 1996 (08.11.1996)** (33) AT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 17/15

(54) SURGICAL SAWING JIG
GABARIT DE COUPE CHIRURGICAL

(71, 72) **GRUBER, Thomas** [AT/AT]; Traunkirchen 94, A-4801 Traunkirchen (AT).

(74) **POLLHAMMER, Gerda**; Miksovsky & Pollhammer OEG, Währingerstrasse 3, A-1096 Wien (AT).

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

(11) **WO 98/20800** (13) A1

(21) PCT/GB97/03069

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623294.7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 17/16, A61F 2/36

(54) A BROACH FOR SHAPING A MEDULLARY CAVITY IN A BONE
BROCHE DESTINEE A FORMER UNE CAVITE MEDULLAIRE DANS UN OS

(71) **DEPUY INTERNATIONAL LIMITED** [GB/GB]; St. Anthony's Road, Beeston, Leeds LS11 8DT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COHEN, Andrew** [GB/GB]; The Grove, Marsh Lane, Beal, Goole DN14 0SL (GB).

(74) **BELCHER, Simon, James**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

(11) **WO 98/20801** (13) A1

(21) PCT/US96/18360

(22) **12 Nov/nov 1996 (12.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 17/56, A61F 2/02

(54) IN VIVO METHOD FOR REPAIRING A RUP-TURED SEGMENT OF A THERAPEUTIC AP-PLIANCE
PROCEDE PERMETTANT DE REPARER IN VIVO LE SEGMENT BRISE D'UN APPAREIL THERAPEUTIQUE

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

(71, 72) **HOGAN, John, D.** [US/US]; 248 Main Street, Gloucester, MA 01930 (US). **KIM, Ducksoo** [US/US]; 9 Cedarhill Road, Dover, MA 02030 (US).

(74) **PRASHKER, David**; David Prashker P.C., 417 Washington Street, Brookline, MA 02146 (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 98/20802** (13) A1

(21) PCT/CH97/00406

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

(25) de (26) de

(31) 296 19 711.4 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 17/60

(54) DEVICE FOR REPOSITIONING FRACTURED BONE FRAGMENTS
DISPOSITIF DE REPOSITION DE FRAGMENTS D'OS FRACTURES

(71) **SYNTHES AG CHUR** [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLAES, Lutz** [DE/DE]; Sommerweg 5, D-89233 Neu-Ulm (DE). **GERNGROSS, Heinz** [DE/DE]; Alpenstrasse 28, D-89075 Ulm (DE). **RÜBSAAMEN, Götz** [DE/DE]; Weinleite 11A, D-83278 Traunstein (DE). **MARTINELLI, Orlando** [CH/CH]; Burgunderstrasse 7, CH-3018 Bern (CH). **FLÜHLER, Erwin** [CH/CH]; Ulmenstrasse 10, CH-4123 Allschwil (CH).

(74) **LUSUARDI, Werther**; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 Zürich (CH).

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

(11) **WO 98/20803** (13) A1

(21) PCT/US97/15854

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/745,495 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61B 19/00

(54) USE OF HEMOGLOBIN TO PREVENT SEPSIS OR TREAT SYSTEMIC INFLAMMATORY RESPONSE SYNDROME
UTILISATION D'HEMOGLOBINE POUR PREVENIR LA SEPTICEMIE OU TRAITER LE SYNDROME DE LA REPOSE INFLAMMATOIRE GENERALISEE

(71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) **BURHOP, Kenneth, E.**; 1230 Regent Drive, Mundelein, IL 60060 (US). **PRZYBELSKI, Robert, J.**; 5834 Timber Land Circle, Madison, WI 53711 (US).

(74) **BARRETT, Joseph, B.**; Route 120 & Wilson Road WG2-3S, Round Lake, IL 60073 (US).

(81) AU BR CA CN JP NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20804** (13) A1

(21) PCT/EP96/04945

(22) **12 Nov/nov 1996 (12.11.1996)**

(25) de (26) de

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61C 3/00, A61B 17/00, A63H 33/00, 3/00

(54) INSTRUMENT FOR THE MEDICAL OR DENTAL TREATMENT OF CHILDREN
INSTRUMENT POUR LE TRAITEMENT MEDICAL OU DENTAIRE PEDIATRIQUE

(71, 72) **SIMÕES, Dionisio, Rio** [PT/PT]; Rua 5 de Outubro, N° 71, P-8200 Albufeira (PT).

(74) **DREISS, Uwe**; Dreiss, Fuhlendorf & Steimle, Gerokstrasse 6, D-70188 Stuttgart (DE).

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

(11) **WO 98/20805** (13) A1

(21) PCT/CA97/00865

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/745,512 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61C 7/28, 7/02

(54) ORTHODONTIC BRACKET
VERROU ORTHODONTIQUE

(63) US 08/745,512 (CON)
12 Nov/nov 1996 (12.11.1996)

(71, 72) **VOUDOURIS, John, C.** [CA/CA]; 16 Doon Road, Willowdale, Ontario M2L 1L9 (CA).

(74) **DEETH WILLIAMS WALL**; Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20806** (13) A1

(21) PCT/SE97/01904

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) sv (26) en

(31) 9604145-4 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61C 8/00

(54) METHOD AND DEVICE FOR ADAPTING A BRIDGE STRUCTURE
PROCEDE ET DISPOSITIF SERVANT A ADAPTER UNE STRUCTURE DE BRIDGE

(71) **CRESO TI SYSTEMS AB** [SE/SE]; P.O. Box 571, S-291 25 Kristianstad (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHANSSON, Stig** [SE/SE]; Kråkrisvägen 36, S-296 38 Åhus (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/20807** (13) A2

(21) PCT/EP97/06279

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 46 902.3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61C 13/00

(54) UPPER JAW DENTAL PROSTHESIS, METHOD FOR ITS PRODUCTION AND DEVICE TO CARRY OUT THE METHOD
PROTHESE DU MAXILLAIRE SUPERIEUR, SON PROCEDE D'OBTENTION ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) **STAUB, Jutta** [DE/DE]; Kolpingstrasse 19, D-89233 Pfuhl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STAUB, Karl, Heinz** [DE/DE]; Kolpingstrasse 19, D-89233 Pfuhl (DE).

(74) **GRÄTTINGER & PARTNER (G&R)**; Wittelsbacherstrasse 5, Postfach 16 55, D-82306 Starnberg 1 (DE).

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

(11) **WO 98/20808** (13) A1

(21) PCT/US97/20927

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,470 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61C 15/00

(54) DENTAL FLOSSER AND METHOD OF MANUFACTURING SAME
SUPPORT DE FIL DENTAIRE

(71) **PLACONTROL INCORPORATED** [US/US]; 210 Summit Avenue, Montvale, NJ 07645 (US).

(72) **CHODOROW, Ingram, S.**; 196 Lake Street, Upper Saddle River, NJ 07458 (US).

(74) **DAINOW, J., David** et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

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

- (11) **WO 98/20809** (13) A1
(21) PCT/FI97/00682
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) fi (26) en
(31) U960558 (32) **11 Nov/nov 1996 (11.11.1996)** (33) FI
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61C 19/06, A61J 7/00
(54) INTRAORAL ADMINISTRATION DEVICE
DISPOSITIF POUR ADMINISTRATION INTRA-
BUCCALE
(71, 72) **AALTONEN, Antti, Sakari** [FI/FI]; Marttilantie 2 as. 6, FIN-03850 Pusula (FI). **SUHO-
NEN, Jouko** [FI/US]; 663 Garth Court, Yorktown
Heights, NY 10598 (US).
(74) **OY JALO ANT-WUORINEN AB**; Iso Roober-
tinkatu 4-6 A, FIN-00120 Helsinki (FI).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ PL PT
RU RO 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 98/20810** (13) A1
(21) PCT/US97/19714
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) 08/747,920 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61F 2/06
(54) FLEXIBLE, RADIALLY EXPANSIBLE LUMI-
NAL PROSTHESES
PROTHESES INTRACAVITAIRES SOUPLES
RADIEMENT EXPANSIBLES
(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Ave-
nue, N.E., Minneapolis, MN 55432 (US).
(72) **KIM, Steven, W.**; 984-2 Alpine Terrace, Sunny-
vale, CA 94086 (US).
(74) **HESLIN, James, M.** et al. / etc.; Townsend and
Townsend and Crew LLP, 8th floor, Two Embarca-
dero Center, San Francisco, CA 94111-3834 (US).
(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/20811** (13) A1
(21) PCT/US97/20642
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 08/751,087 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61F 2/06
(54) ENDOPROSTHESIS DELIVERY CATHETER
WITH SEQUENTIAL STAGE CONTROL
CATHETER D'ACHEMINEMENT
D'ENDOPROTHESES A CONTROLE SE-
QUENTIEL D'ETAPES
(71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue,
Murray Hill, NJ 07974 (US).
(72) **DWYER, Clifford, J.**; 9 Moore Street, Wil-
mington, MA 01887 (US). **ROBINSON, Timo-
thy**; 11 Snow Lane, Sandown, NH 03873 (US).
(74) **BOOKSTEIN, Arthur, Z.**; One Beacon Street,
Boston, MA 02108 (US).
(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/20812** (13) A1
(21) PCT/US97/20820
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 60/030,937 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61F 2/06
(54) SPLITTABLE SLEEVE, STENT DEPLOYMENT
DEVICE
DISPOSITIF DE DEPLOIEMENT D'UNE PRO-
THESE ENDOVASCULAIRE A MANCHON
FENDU
(71) **COOK INCORPORATED** [US/US]; 925 South
Curry Pike, P.O. Box 489, Bloomington, IN
47402-0489 (US).
(72) **FONTAINE, Arthur, B.**; 13250 North East 40th
Street, Bellevue, WA 98005 (US). **DOSPASSOS,
Susan**; 13250 North East 40th Street, Bellevue,
WA 98005 (US). **BATES, Brian, L.**; 3718 Exeter
Lane, Bloomington, IN 47401 (US). **BOATMAN,
Scott, E.**; 920 E. University Street, Bloomington,
IN 47401 (US). **HOFFA, Michael, C.**; 2421
North Skyline Drive, Bloomington, IN 47404 (US).
OSBORNE, Thomas, A.; 2418 Spicewood Lane,
Bloomington, IN 47401 (US).
(74) **GODLEWSKI, Richard, J.**; P.O. Box 2256, West
Lafayette, IN 47906 (US).
(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).
Published / Publiée : (c)
-
- (11) **WO 98/20813** (13) A1
(21) PCT/JP97/04076
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) ja (26) ja
(31) 8/301848 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61F 2/14
(54) ARTIFICIAL CORNEA
CORNEE ARTIFICIELLE
(71) **MENICON CO., LTD.** [JP/JP]; 21-19, Aoi
3-chome, Naka-ku, Nagoya-shi, Aichi 460 (JP).
(for all designated States except / pour tous les États
désignés sauf US)
(72, 75) **IKADA, Yoshito** [JP/JP]; 2-182, Gokasho
Hirookadani, Uji-shi, Kyoto 611 (JP). **OHASHI,**
-
- Junichi** [JP/JP]; Menicon Co., Ltd., Central Re-
search Laboratories, 1-10, Takamori-dai 5-chome,
Kasugai-shi, Aichi 487 (JP). **KONDO, Naoki**
[JP/JP]; Menicon Co., Ltd., Central Research
Laboratories, 1-10, Takamori-dai 5-chome, Ka-
sugai-shi, Aichi 487 (JP). **NISHIZAWA, Aoi**
[JP/JP]; Menicon Co., Ltd., Central Research
Laboratories, 1-10, Takamori-dai 5-chome, Kasu-
gai-shi, Aichi 487 (JP). **ANDO, Ichiro** [JP/JP];
Menicon Co., Ltd., Central Research Laboratories,
1-10, Takamori-dai 5-chome, Kasugai-shi, Aichi
487 (JP).
(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22,
Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka
540 (JP).
(81) AU CN ID JP KR SG US; EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20814** (13) A1
(21) PCT/US96/18431
(22) **12 Nov/nov 1996 (12.11.1996)**
(25) en (26) en
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61F 2/16, A61K 9/20, 9/48, 9/70, 31/44
(54) NICOTINE METABOLITES, NICOTINE DEPEN-
DENCE AND HUMAN BODY WEIGHT
METABOLITES DE LA NICOTINE, DEPEN-
DANCE A LA NICOTINE ET POIDS CORPO-
REL D'UN HUMAIN
(71, 72) **KEENAN, Robert, M.** [US/US]; 960 Fell
Street No. 517, Baltimore, MD 21231 (US).
(74) **BARTZ, Richard, O.**; 1300 Foshay Tower, Min-
neapolis, MN 55402 (US).
(81) AT AU BB BG BR CA CH CN CU CZ DE DK ES
FI GB HU JP KP KR LK LU MG MN MW MX
NO NZ PL PT RO RU SD SE SK UA US; 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 : (a)
-
- (11) **WO 98/20815** (13) A1
(21) PCT/US97/20268
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) en (26) en
(31) 08/747,223 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61F 2/26
(54) PROSTHESIS HAVING AN ALIGNMENT INDI-
CATOR AND METHOD OF USING SAME
PROTHESE DOTEE D'UN INDICA-
TEUR D'ALIGNEMENT ET PROCEDE
D'UTILISATION D'UNE TELLE PROTHESE
(71) **MENTOR CORPORATION** [US/US]; 5425 Hol-
lister Avenue, Santa Barbara, CA 93111 (US).
(72) **STEELE, Martin, T., Jr.**; 9438 Park Avenue North
East, Elk River, MN 55330 (US). **PETRICK,
Timothy, B.**; 9006 Trinity Gardens, Brooklyn Park,
MN 55443 (US). **DAUGHERTY, Michael, J.**; 425
Broadland Road, Atlanta, GA 30342 (US).
(74) **KLOS, John, F.**; Larkin, Hoffman, Daly & Lind-
gren, Ltd., 1500 Norwest Financial Center, 7900
Xerxes Avenue South, Bloomington, MN 55431
(US).

(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 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).

Published / Publiée : (c)

(11) **WO 98/20816** (13) A1

(21) PCT/EP97/06315

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 46 891.4 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 2/38

(54) ARTIFICIAL JOINT, IN PARTICULAR ENDO-PROSTHESIS FOR REPLACING NATURAL JOINTS
ARTICULATION ARTIFICIELLE, NOTAMMENT ENDOPROTHESE POUR REMPLACER DES ARTICULATIONS NATURELLES

(71) **THEUSNER, Joachim** [DE/DE]; Odeonsplatz 2, D-80539 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **KUBEIN-MEESBURG, Dietmar** [DE/DE]; Burgweg 1a, D-37547 Kreiensen (DE). **NÄGERL, Hans** [DE/DE]; Lange Hecke 41, D-37130 Gleichen (DE).

(74) **ZAPF, Christoph** et al. / etc.; Solf & Zapf, Postfach 13 01 13, D-42028 Wuppertal (DE).

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

Published / Publiée : (c)

(11) **WO 98/20817** (13) A1

(21) PCT/EP97/06377

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 47 155.9 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 2/38

(54) FEMUR PART OF A KNEE JOINT PROSTHESIS
PARTIE FEMORALE D'UNE PROTHESE DE L'ARTICULATION DU GENOU

(71) **PLUS ENDOPROTHETIK AG** [CH/CH]; Erlenstrasse 4b, CH-6343 Rotkreuz (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMOTZER, Hans** [CH/CH]; Schachenallee 29, CH-5000 Aarau (CH).

(74) **POPP, Eugen** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D-81633 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/20818** (13) A1

(21) PCT/FR97/01999

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13673 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 2/38

(54) COMPLETE PROSTHESIS FOR THE KNEE
PROTHESE TOTALE DU GENOU

(71) **OSBONE SOCIETE CIVILE** [FR/FR]; 7, rue la Censive, F-91310 Longpont sur Orge (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANON, Frank** [FR/FR]; La Chesnaie A1 Tigou, F-81500 Giroussens (FR). **OLIVIER, Hervé** [FR/FR]; 4, avenue Peterhof, F-75017 Paris (FR). **PETCHOT, Philippe** [FR/FR]; 36 bis, avenue de Courlis, F-78110 Le Vésinet (FR). **THOMAS, Roger** [FR/FR]; 10, rue Saint Denis, F-62000 Arras (FR). **TOESCA, Jean-Charles** [FR/FR]; 24, rue Bois le Vent, F-75016 Paris (FR). **BOUCHET, Thierry** [FR/FR]; 19, rue Clapeyron, F-75008 Paris (FR). **DUFOUR, Guillaume** [FR/FR]; 25 bis, avenue d'Argenteuil, F-92600 Asnières (FR). **LARGIER, Arnaud** [FR/FR]; La Forêt Ingrandes, F-86220 Dange (FR). **LEPAGE, Jérôme** [FR/FR]; 30, rue Armengaud, F-92210 Saint Cloud (FR). **DUVILLIER, Eric** [FR/FR]; 11, rue Bosio, F-75016 Paris (FR). **GINESTON, Jean-Marie** [FR/FR]; 12, avenue de Madrid, F-92200 Neuilly (FR). **de ROALDES, Olivier** [FR/FR]; 7, rue la Censive, F-91310 Longpont sur Orge (FR).

(74) **LEJET, Christian**; Cabinet C. Lejet, 8, place des Victoires, F-92600 Asnières (FR).

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

Published / Publiée : (c)

(11) **WO 98/20819** (13) A1

(21) PCT/US97/20661

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751.181 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 9/00

(54) OPHTHALMIC LENS INSERTION INSTRUMENT AND PACKAGE
INSTRUMENT ET TROUSSE D'OPHTALMOLOGIE, POUR L'INSERTION DE LENTILLE

(71, 72) **CUMMING, J. Stuart** [US/US]; 1211 West LaPalma Avenue #201, Anaheim, CA 92801 (US).

(74) **BROWN, Boniard, I.**; 1500 West Covina Parkway #113, West Covina, CA 91790 (US).

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

(11) **WO 98/20820** (13) A1

(21) PCT/SE97/01867

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9604134-8 (32) **10 Nov/nov 1996 (10.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 11/08, H04R 1/10

(54) IMPROVED HEARING PROTECTION DEVICE
DISPOSITIF DE PROTECTION ET D'ECOUTE AMELIORE

(71) **AB KOMPOSITPRODUKTER VIKMANSHYTTAN** [SE/SE]; P.O. Box 2, S-776 02 Vikmanshyttan (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDGREN, Mats** [SE/SE]; Museivägen 4, S-776 70 Vikmanshyttan (SE).

(74) **AXELSSON, Rolf** et al. / etc.; Kransell & Wennborg AB, P.O. Box 27834, S-115 93 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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).

Published / Publiée : (c)

(11) **WO 98/20821** (13) A1

(21) PCT/SE97/01890

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9604123-1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 13/00, 13/15

(54) A METHOD OF PRODUCING AN ABSORBENT STRUCTURE HAVING IMPROVED STRENGTH PROPERTIES
PROCEDE POUR PRODUIRE UNE STRUCTURE ABSORBANTE PRESENTANT DES PROPRIETES DE RESISTANCE AMELIOREES

(71) **SCA MÖLNLYCKE AB** [SE/SE]; S-405 03 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VARTAINEN, Kent** [SE/SE]; Södra Långvägen 49, S-443 38 Lerum (SE).

(74) **BERG, S., A.** et al. / etc.; H. Albihs Patentbyrå 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20822** (13) A1

(21) PCT/US96/18339

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 13/15

(54) ABSORBENT ARTICLE HAVING SOFT-CLOTHLIKE BACKSHEET
ARTICLE ABSORBANT POSSEDANT FEUILLE ARRIERE DOUCE ET SIMILAIRE A DU TISSU

(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) **UEDA, Kimio** [JP/JP]; 2-19-13-402, Miyamachi, Sumiyoshi, Higashinada-ku, Kobe 658 (JP).
- (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 HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN; AP (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 98/20823** (13) A2

(21) PCT/US97/20110

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/747,243 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 13/15, 13/56

(54) RELEASABLE COVER ARRANGEMENT FOR FASTENERS ON ABSORBENT ARTICLES
SYSTEME DE COUVERTURE DETACHABLE POUR LES FIXATIONS D'ARTICLES ABSORBANTS

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

(72) **SNAUWAERT, Sofie, Gilberte**; 3906 Pochontas Avenue, Cincinnati, OH 45227 (US). **HINES, Letha, Margie**; 320 East Mills Avenue, Cincinnati, OH 45215 (US). **BROWN, Robert, Alan**; 7939 Stabgate Lane, Maineville, OH 45039 (US). **FARRIS, Diane, Dunn**; 5732 McCarthy Court, West Chester, OH 45069 (US). **LINMAN, Elmer, Kelly**; 5650 Pinehill Lane, Cincinnati, OH 45238 (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 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 98/20824** (13) A1

(21) PCT/US97/20166

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/749,133 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 13/15, 13/64

(54) ABSORBENT ARTICLE PROVIDING A DYNAMIC FIT
ARTICLE ABSORBANT A ADAPTATION DYNAMIQUE

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).

(72) **LEMAHIEU, Lynn, Kirkpatrick**; W9622 Woodduck Court, Hortonville, WI 54944 (US). **FELL, David, Arthur**; 2055 Lynn Drive, Neenah, WI 54956 (US). **FREIBURGER, Sarah, Jane, Marie**; 2708 Welhouse Drive, Kaukauna, WI 54130 (US). **LEICK, Marianne, Keevill**; 225 Peppercorn Drive, Appleton, WI 54915 (US). **MORMAN, Michael, Tod**; 555 Kings Peak, Alpharetta, GA 30202 (US).

(74) **GAGE, Thomas, M.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/20825** (13) A1

(21) PCT/US97/21176

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,141 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(31) 08/749,127 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 13/20, 13/22, 13/34

(54) TAMPON CAPABLE OF BEING COMFORTABLY WITHDRAWN FROM A BODY CAVITY AND THE METHOD OF FORMING THE TAMPON
TAMPON POUVANT ETRE SORTI SANS GENE D'UNE CAVITE CORPORELLE ET PROCEDE DE FABRICATION DUDIT TAMPON

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).

(72) **BALZAR, Tammy, Jo**; 891 Airport Road, Menasha, WI 54952 (US).

(74) **CONNELLY, Thomas, J.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/20826** (13) A1

(21) PCT/US97/20317

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/748,853 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61F 13/62

(54) DISPOSABLE DIAPER WITH INTEGRAL BACKSHEET LANDING ZONE

COUCHE JETABLE DOTEE D'UNE ZONE DE RECEPTION INTEGREE A LA FEUILLE DE SUPPORT

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

(72) **KLINE, Mark, James**; 5265 Ponderosa Drive, Cincinnati, OH 45239 (US). **GOULAIT, David, Joseph, Kenneth**; 10025 Sonya Lane, Cincinnati, OH 45241 (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 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).

Published / Publiée : (c)

(11) **WO 98/20827** (13) A1

(21) PCT/US96/18103

(22) **12 Nov/nov 1996 (12.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61G 5/10, A63B 26/00

(54) MULTIPURPOSE INTEGRATED ACTIVITY AND EXERCISE SYSTEM AND METHODS FOR PHYSICALLY CHALLENGED PERSONS SYSTEMES ET PROCEDES D'ACTIVITES ET D'EXERCICES INTEGRES ET A VOCATIONS MULTIPLES POUR PERSONNES SOUFFRANT DE HANDICAPS PHYSIQUES

(71) **SCICARE SYSTEMS INTERNATIONAL, INCORPORATED** [US/US]; Four Commerce Park Square, Suite 600, 23200 Chagrin Boulevard, Beachwood, OH 44122 (US).

(72) **ROTTINGHAUS, Herman, James**; 1500 Bluebird Circle, Stow, OH 44224 (US). **ASHER, Eli, Saul**; 225 West Second Street, Perrysburg, OH 43551 (US). **BUTCHER, Stephen, William**; 3456 Marsh Road, Stow, OH 44224 (US). **DEMORE, Anthony, Mark**; Apartment H, 6 Honeybee Court, Cockeysville, MD 21030 (US). **HAM, Soo, Hyun**; Apartment 3K, 101 Maple Tree Avenue, Stamford, CT 06906 (US).

(74) **KNOBLE John L.**; Knoble & Yoshida, LLC, Suite 1350, 1682 John F. Kennedy Boulevard, 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 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 (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 98/20828** (13) A1

(21) PCT/US97/20508

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/748,209 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

- (51)⁶ A61G 7/00
- (54) MATTRESS FOR RELIEVING PRESSURE ULTERS
MATELAS PERMETTANT DE SOULAGER LES PLAIES DUES A LA PRESSION
- (71) **GAYMAR INDUSTRIES, INC.** [US/US]; 10 Centre Drive, Orchard Park, NY 14127 (US).
- (72) **WORTMAN, Ronald, D.**; 274 Lakeside Drive, Angola, NY 14006 (US). **RECHIN, Michael, P.**; 18 Oak Street, Silver Creek, NY 14136 (US). **FLICK, Roland, E.**; 540 Blossom Road, Elma, NY 14054 (US). **WHITNEY, John, K.**; 17 Fairways Villa, Dorado, Puerto Rico 00646-2022 (US).
- (74) **JOHNSON, Christine** 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 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 98/20829** (13) A1
- (21) PCT/AU97/00767
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) en (26) en
- (31) PO 3562 (32) **12 Nov/nov 1996 (12.11.1996)** (33) AU
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61G 7/012, B66F 7/02
- (54) A SUSPENSION SYSTEM, AND A HEIGHT-ADJUSTABLE BED INCORPORATING THE SUSPENSION SYSTEM
SYSTEME DE SUSPENSION ET LIT REGLABLE EN HAUTEUR COMPORTANT LEDIT SYSTEME DE SUSPENSION
- (71) **GERONTIC & GENERAL PRODUCTS PTY. LTD.** [AU/AU]; 63 Dandenong Street, Dandenong, VIC 3175 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CLARKE, Allan, William** [AU/AU]; 13 Ryland Avenue, Croydon, VIC 3136 (AU). **McCRIMMON, Barry, Edward** [AU/AU]; 19 Barwon Avenue, Frankston, VIC 3199 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/20830** (13) A1
- (21) PCT/SE97/01814
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) sv (26) en
- (31) 9604130-6 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE
- (34) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61G 7/08 // B60B 33/02
- (54) HOSPITAL BED
LIT D'HOPITAL
- (71) **ERGOSAFE AB** [SE/SE]; P.O. Box 28, S-730 30 Kolsva (SE).
- (72) **KARLSSON, Tommy**; Ergosafe, P.O. Box 28, S-730 30 Kolsva (SE).
- (74) **BERGGREN, Björn**; Långrevsgatan 1, S-723 49 Västerås (SE).
- (81) NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/20831** (13) A1
- (21) PCT/ES97/00267
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) es (26) es
- (31) U 9602853 (32) **8 Nov/nov 1996 (08.11.1996)** (33) ES
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61J 7/00, B01L 9/06
- (54) ORAL PREFERABLY LIQUID MEDICAMENT DISPENSER
DISTRIBUTEUR DE MEDICAMENTS A AVAILER, DE PREFERENCE LIQUIDES
- (71, 72) **CUTILLAS PEÑALVA, Cristina** [ES/ES]; Madre de Dios, 2-B-5° B, E-28016 Madrid (ES).
- (74) **NARANJO MARCOS, Maria Antonia**; Paseo de la Habana, 200, E-28036 Madrid (ES).
- (81) AU BA BG BR CA CN CU HU JP MX NO NZ PL RO RU SG US YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (11) **WO 98/20832** (13) A1
- (21) PCT/EP97/06361
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 9604190-0 (32) **15 Nov/nov 1996 (15.11.1996)** (33) SE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61J 9/04
- (54) FEEDING BOTTLE WITH AIR INLET VALVE
BIBERON A SOUPEPE D'ENTREE D'AIR
- (71, 72) **SULIMAN, Isam, A.** [SD/SE]; Diagnosvägen 13 D, S-141 54 Huddinge (SE). **ADEM, Abdu** [SE/SE]; St. Johannsg. 30 B, S-752 33 Uppsala (SE).
- (74) **FRANKS, Barry**; H. Albihns Patentbyrå, 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 HU ID IL IS JP KE KG KP KR KZ 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 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 98/20833** (13) A2
- (21) PCT/FR97/01922
- (22) **27 Oct/oct 1997 (27.10.1997)**
- (25) fr (26) fr
- (31) 96/13759 (32) **12 Nov/nov 1996 (12.11.1996)** (33) FR
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K
- (54) COSMETIC COMPOSITION CONTAINING AN ANIONIC OR NON IONIC POLYMER AND A CARBOXYLIC SILICON
COMPOSITION COSMETIQUE COMPRENANT UN POLYMERE ANIONIQUE OU NON IONIQUE ET UNE SILICONE CARBOXYLIQUE
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUPUIS, Christine** [FR/FR]; 15, rue Seveste, F-75018 Paris (FR).
- (74) **ANDRAL, Christophe**; L'Oréal/D.P.I., 90, rue du Général Roguet, F-92583 Clichy Cedex (FR).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- (11) **WO 98/20834** (13) A2
- (21) PCT/IB97/01428
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) en (26) en
- (31) 60/030,512 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K
- (54) METHOD FOR TREATMENT OF DERMATOLOGICAL DISORDERS
METHODE POUR LE TRAITEMENT DE TROUBLES DERMATOLOGIQUES
- (71, 72) **TAMARKIN, Dov** [IL/IL]; Har Hila 537, 91708 Macabim (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 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 98/20835** (13) A2
- (21) PCT/US97/18273
- (22) **8 Nov/nov 1997 (08.11.1997)**
- (25) en (26) en
- (31) 08/749,333 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K
- (54) METHOD OF TREATING HYPERLIPIDEMIA IN HUMANS

- METHODE POUR TRAITER L'HYPERLIPIDEMIE CHEZ L'HOMME
- (71, 72) **CLEMENS, Anton, H.** [DE/US]; 5854 Schumann Drive, Madison, WI 53711 (US).
- (74) **ENGELMANN, John, H.**; 39015 Glenlivet Court, Solon, OH 44139 (US).
- (81) ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20836** (13) A2
- (21) PCT/US97/21829
- (22) **13 Nov/nov 1997 (13.11.1997)**
- (25) en (26) en
- (31) 60/030,939 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (31) 08/799,200 (32) **13 Feb/fév 1997 (13.02.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K
- (54) PURE BIOLOGICALLY ACTIVE COLISTIN, ITS COMPONENTS AND A COLISTIN FORMULATION FOR TREATMENT OF PULMONARY INFECTIONS
COLISTINE PURE ET BIOLOGIQUEMENT ACTIVE, SES COMPOSANTS ET FORMULATION DE COLISTINE SERVANT A TRAITER DES INFECTIONS PULMONAIRES
- (71) **PATHOGENESIS CORPORATION** [US/US]; Suite 150, 201 Elliott Avenue W., Seattle, WA 98116 (US).

- (72) **VanDEVANTER, Donald, R.**; 12520 33rd Street Ct. East, Puyallup, WA 98372 (US). **MONTGOMERY, Alan, B.**; 3455 Evergreen Pt. Road, Bellevue, WA 98004 (US).
- (74) **VERNY, Hana** et al. / etc.; Peters, Verny, Jones & Bikša, L.L.P., Suite 6, 385 Sherman Avenue, Palo Alto, CA 94306-1840 (US).
- (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 98/20837** (13) A1
- (21) PCT/DE97/02670
- (22) **13 Nov/nov 1997 (13.11.1997)**
- (25) de (26) de
- (31) 196 46 985.6 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 6/00, 7/16, A61C 7/12
- (54) METHOD OF IMPROVING TASTE WHEN TOOTH-REGULATION APPLIANCES ARE WORN
AMELIORATION DU GOUT DANS LE CADRE DU PORT D'APPAREILS DE TRAITEMENT ORTHODONTIQUE
- (71, 72) **WEICHSEL, Michael** [DE/DE]; Hochstrasse 1, D-45894 Gelsenkirchen (DE).
- (74) **GEHRKE, Peter, Paul**; Hölischerstrasse 4, D-45894 Gelsenkirchen (DE).

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

Published / Publiée : (c)

- (11) **WO 98/20838** (13) A1
- (21) PCT/SE97/01887
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) en (26) en
- (31) 9604210-6 (32) **14 Nov/nov 1996 (14.11.1996)** (33) SE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 6/00
- (54) PREPARATION FOR DENTAL TREATMENT
PREPARATION POUR TRAITEMENT DENTAIRE
- (71) **MEDI TEAM DENTALUTVECKLING I GÖTEBORG AB** [SE/SE]; Göteborgsvägen 74, S-433 63 Sävedalen (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BORNSTEIN, Rolf** [SE/SE]; Hedinsg. 17, S-115 33 Stockholm (SE). **ERICSON, Dan** [SE/SE]; Rådmansgatan 5, S-211 46 Malmö (SE).
- (74) **HOLMBERG, Claes**; Medi Team AB, Göteborgsvägen 74, S-433 63 Sävedalen (SE).
- (81) AU BR CA CN IL JP KR NO PL RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20839** (13) A1
- (21) PCT/EP97/06029
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) de (26) de
- (31) 196 46 782.9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 6/083, C08F 22/10, 299/04, C08G 63/91, A61L 27/00
- (54) BIOLOGICALLY RESORBABLE POLYMERIZATION PRODUCTS MADE OF BINDING AGENT SYSTEMS WHICH CAN BE HARDENED BY RADIATION
PRODUITS DE POLYMERISATION POUVANT ETRE RESORBES BIOLOGIQUEMENT, CONSISTANT DE SYSTEMES DE LIANTS DURCISABLES PAR RAYONNEMENT
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WENZ, Robert** [DE/DE]; Frankfurter Strasse 11, D-61206 Wöllstadt (DE). **NIES, Berthold** [DE/DE]; Bahnhofstrasse 27, D-64407 Fränkisch-Crumbach (DE).

- (74) **MERCK PATENT GMBH**; Postfach, D-64271 Darmstadt (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/20840** (13) A2
- (21) PCT/EP97/06086
- (22) **4 Nov/nov 1997 (04.11.1997)**
- (25) de (26) de
- (31) 196 46 869.8 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 7/00, 7/50
- (54) COSMETIC PREPARATIONS
PREPARATIONS COSMETIQUES
- (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) **ANSMANN, Achim** [DE/DE]; Kirchberg 25, D-40699 Erkrath (DE). **FABRY, Bernd** [DE/DE]; Danziger Strasse 31, D-41352 Korschenbroich (DE).
- (81) AU CN JP KR NZ US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20841** (13) A1
- (21) PCT/JP97/04156
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) ja (26) ja
- (31) 8/318678 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
- (31) 9/315979 (32) **31 Oct/oct 1997 (31.10.1997)** (33) JP
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 7/00
- (54) SOLUBLE COSMETICS
COSMETIQUES SOLUBLES
- (71) **SHISEIDO COMPANY, LTD.** [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-10 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUZUKI, Kazuaki** [JP/JP]; The Shiseido Research Center, 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223 (JP). **TOKUE, Wataru** [JP/JP]; The Shiseido Research Center, 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223 (JP). **ITO, Kenzo** [JP/JP]; The Shiseido Kakegawa Factory, 1120, Hase, Kakegawa-shi, Shizuoka 436 (JP). **NISHIYAMA, Syoji** [JP/JP]; The Shiseido Research Center, 1050, Nippa-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223 (JP).

- (74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105 (JP).
- (81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/20842** (13) A2
- (21) PCT/US97/19162
- (22) **29 Oct/oct 1997 (29.10.1997)**
- (25) en (26) en
- (31) 60/030,579 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 7/00

(54) POLYMYXIN COMPOSITIONS AND METHODS FOR THE TREATMENT OF PERIODONTAL DISEASE AND BREATH MALODOR
COMPOSITIONS DE POLYMYXINE ET PROCÉDES DE TRAITEMENT DE LA PARODONTOPATHIE ET DE LA MAUVAISE HALEINE

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

(72) **CHARBONNEAU, Duane, Larry**; 6690 Hamilton Road, Middletown, OH 45044 (US). **BUCHANAN, William**; 7877 Ashley View Drive, Cincinnati, OH 45227 (US). **DONOVAN-BRAND, Rebecca, Jo**; 11929 Cedar creek Drive, Cincinnati, OH 45240 (US).

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

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

(11) **WO 98/20843** (13) A1

(21) PCT/US97/21823

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,469 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/00, 7/04

(54) NAIL ENAMEL COMPOSITION
COMPOSITION POUR VERNIS A ONGLES

(71) **KIRKER ENTERPRISES, INC.** [US/US]; One East 11th Street, Paterson, NJ 07544 (US).

(72) **SOCCL, Robert, L.**; 21 Little Falls Road, Cedar Grove, NJ 07009 (US). **ISMAILER, Anatoly**; 47 Stratford North, Roslyn Heights, NY 11577 (US).

(74) **GOLDMAN, Stephen, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/20844** (13) A2

(21) PCT/EP97/06084

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) de (26) de

(31) 196 46 882.5 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/06, 7/50, C11D 1/94

(54) AQUEOUS PEARLY LUSTRE CONCENTRATES
CONCENTRES AQUEUX DE LUSTRE PERLAIRE

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE). **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64295 Darmstadt (DE).

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

(72, 75) **WILHELM, Josef** [DE/DE]; Ehrenbergweg 14, D-36088 Hünfeld (DE). **BIMCZOK, Rudolf** [DE/DE]; Brüder-Grimm-Strasse 12, D-64342 Seeheim-Jugenheim (DE). **KOHL, Werner** [DE/DE]; Stoppelsbergweg 30, D-36088 Hünfeld (DE). **ANSMANN, Achim** [DE/DE]; Kirchberg 25, D-40699 Erkrath (DE). **KAWA, Rolf** [DE/DE]; Fontanestrasse 28, D-40789 Monheim (DE).

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

(11) **WO 98/20845** (13) A1

(21) PCT/EP97/06085

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) de (26) de

(31) 196 46 867.1 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/06, 7/48, 7/50

(54) COSMETIC PREPARATIONS
PREPARATIONS COSMETIQUES

(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) **ANSMANN, Achim** [DE/DE]; Kirchberg 25, D-40699 Erkrath (DE). **FABRY, Bernd** [DE/DE]; Danziger Strasse 31, D-41352 Korschenbroich (DE).

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

Published / Publiée : (c)

(11) **WO 98/20846** (13) A1

(21) PCT/FR97/01972

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) fr (26) fr

(31) 96/13683 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/06

(54) COSMETIC COMPOSITION WITH FIXING POLYMER AND GELLING AGENT BASE, METHOD AND USE
COMPOSITION COSMETIQUE A BASE DE POLYMERE FIXANT ET D'AGENT GELIFIANT, PROCÉDE ET UTILISATION

(71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAMAIN, Henri** [FR/FR]; 14, rue du Co-teau, F-91570 Bièvres (FR). **CRETOIS, Isabelle** [FR/FR]; 45, rue de Charenton, F-75012 Paris (FR).

(74) **ANDRAL, Christophe**; L'Oréal/DPI, 90, rue du Général Roguet, F-92583 Clichy Cedex (FR).

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

Published / Publiée : (c)

(11) **WO 98/20847** (13) A1

(21) PCT/EP97/05305

(22) **27 Sep/sep 1997 (27.09.1997)**

(25) de (26) de

(31) 196 46 609.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/13

(54) COLORANT FOR PRODUCING METAMERIC EFFECTS ON KERATIN FIBRES
COLORANT POUR PRODUIRE DES EFFETS METAMERES SUR DES FIBRES KERATINIQUES

(71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GÖTTEL, Otto** [DE/CH]; 6, route du Roule, CH-1723 Marly (CH). **BRAUN, Hans-Jürgen** [DE/CH]; Kapellacker 10 D, CH-3182 Überstorf (CH).

(74) **WELLA AKTIENGESELLSCHAFT**; Berliner Allee 65, D-64274 Darmstadt (DE).

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

(11) **WO 98/20848** (13) A1

(21) PCT/US97/20222

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,315 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/15

(54) METHOD OF SOAP-FREE SHAVING
TECHNIQUE DE RASAGE SANS SAVON

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

(72) **BABINSKI, Linda, J.**; 4819 - 5th Place, Kenosha, WI 53144 (US). **LIMBURG, James, A.**; 203 Eldorado Drive, Racine, WI 53402 (US).

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

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

Published / Publiée : (c)

(11) **WO 98/20849** (13) A1

(21) PCT/US97/20382

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,690 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/16

(54) STRIPED DENTIFRICE STABLE TO COLOR BLEEDING
DENTIFRICE A RAYURES, STABLE VIS A VIS DES BAVURES DE COULEURS

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

(72) **MILLER, Jeffrey, M.**; 145 Marsh Avenue, Sayreville, NJ 08872 (US). **WONG, Michael**; 12B Lincoln Place, North Brunswick, NJ 08902 (US). **PRENCIPE, Michael**; 39 Spruce Street, Princeton Junction, NJ 08550 (US). **CRAWFORD, Richard, J.**; 454 Mine Road, Asbury, NJ 08802 (US).

(74) **GOLDFINE, Henry**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/20850** (13) A1

(21) PCT/EP97/05930

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

(25) de (26) de

(31) 196 46 413.7 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/48, 7/50

(54) METHOD FOR PRODUCING FREE-FLOWING, AQUEOUS PEARLY LUSTRE DISPERSION WITH FATTY ACIDS AS COMPONENTS PROVIDING PEARLY LUSTRE
PROCEDE DE PRODUCTION D'UNE DISPERSION A LUSTRE NACRE AQUEUSE COULANTE CONTENANT DES ACIDES GRAS COMME COMPOSANTS CONFERANT LEDIT LUSTRE NACRE

(71) **CLARIANT GMBH** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).

(72) **TUROWSKI, Angelika**; Parkstrasse 40, D-65777 Kelkheim (DE). **NAUMANN, Peter**; Eichendorffstrasse 7, D-65232 Taunusstein (DE).

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

Published / Publiée : (c)

(11) **WO 98/20851** (13) A1

(21) PCT/FR97/02017

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) fr (26) fr

(31) 96/14121 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/48, 35/78

(54) COMPOSITION FOR PREVENTING AGEING OF THE SKIN
COMPOSITION POUR LA PREVENTION DU VIEILLISSEMENT CUTANE

(71) **LANATECH LABORATOIRE NATURE ET TECHNIQUE** [FR/FR]; 17, rue Galilée, F-75116 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VACHER, Anne-Marie** [FR/FR]; Résidence Odéon, 6, square Debussy, F-78150 Le Chesnay

(FR). **FRITSCH, Marie-Claire** [FR/FR]; 46, rue de Grenelle, F-75007 Paris (FR).

(74) **CABINET MOUTARD**; 35, avenue Victor Hugo, F-78960 Voisins le Bretonneux (FR).

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

Published / Publiée : (c)

(11) **WO 98/20852** (13) A1

(21) PCT/US97/18981

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

(25) en (26) en

(31) 60/032,048 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/48, 35/78

(54) PHARMACEUTICAL COMPOSITIONS CONTAINING KUKUI NUT OIL
COMPOSITIONS PHARMACEUTIQUES CONTENANT DE L'HUILE DE NOIX DE KUKUI

(71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUNDEN, James, W.** [US/US]; 7404 Arborcrest Street, Portage, MI 49024 (US).

(74) **YANG, Lucy, X.**; Pharmacia & Upjohn Company, Intellectual Property Legal Services, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

(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 98/20853** (13) A1

(21) PCT/EP97/05892

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) de (26) de

(31) 196 47 060.9 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/50, C11D 1/28, B01F 17/00

(54) USE OF ANIONIC GEMINI SURFACTANTS IN FORMULATIONS FOR WASHING, CLEANING AND BODY-CARE PRODUCTS
UTILISATION DE TENSIOACTIFS GEMINES ANIONIQUES DANS DES FORMULATIONS POUR AGENTS DE LAVAGE, DE NETTOYAGE ET DE SOINS CORPORELS

(71) **HÜLS AKTIENGESELLSCHAFT** [DE/DE]; DPA Patentwesen/PB 15, D-45764 Marl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROCK, Michael** [DE/DE]; Ahornstrasse 18, D-46514 Schermbeck (DE). **KWETKAT, Klaus** [DE/DE]; Münsterstrasse 9, D-44534 Lünen (DE). **KOCH, Herbert** [DE/DE]; Hindemithstrasse 4, D-46282 Dorsten (DE).

(74) **HÜLS AKTIENGESELLSCHAFT**; DPA Patentwesen/PB 15, D-45764 Marl (DE).

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

Published / Publiée : (c)

(11) **WO 98/20854** (13) A1

(21) PCT/US97/20221

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,297 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/50, 7/15, 7/00

(54) FOAMABLE SKIN PREPARATIONS COMPOSITIONS DERMATOLOGIQUES MOUSSANTES

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

(72) **BABINSKI, Linda, J.**; 4819 - 5th Place, Kenosha, WI 53144 (US). **LIMBURG, James, A.**; 203 Eldorado Drive, Racine, WI 53402 (US).

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

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

Published / Publiée : (c)

(11) **WO 98/20855** (13) A1

(21) PCT/US97/20620

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,714 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 7/50, 7/06

(54) CONDITIONING SHAMPOO SHAMPOOING REVITALISANT

(63) US 08/748,714 (CON)
14 Nov/nov 1996 (14.11.1996)

(71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199-8004 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PUNO-D'ANTONIO, Maria** [PH/US]; 348 Forest Avenue, Cohasset, MA 02025 (US).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20856** (13) A2

(21) PCT/EP97/06257

(22) **4 Nov/nov 1997 (04.11.1997)**

- (25) de (26) de
- (31) 196 48 664.5 (32) **14 Nov/nov 1996** (33) DE
(14.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 9/00
- (54) MICROPARTICLES CONTAINING ACTIVE SUBSTANCES, AGENTS CONTAINING THE SAME, THEIR USE IN ULTRASOUND-CONTROLLED RELEASING OF ACTIVE SUBSTANCES AS WELL AS THE METHOD FOR THEIR PRODUCTION
MICROPARTICULES CONTENANT UNE MATIERE ACTIVE, AGENTS LES RENFERMANT, LEUR UTILISATION POUR LA LIBERATION, CONTROLEE PAR ULTRASONS, DE LA MATIERE ACTIVE, ET LEUR PROCEDE DE FABRICATION
- (71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; D-13342 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEITSCHIES, Werner** [DE/DE]; Finckensteinallee 130, D-12205 Berlin (DE). **BERGMANN, Martina** [DE/DE]; Kurfürstenstrasse 15, D-12249 Berlin (DE). **UHLENDORF, Volkmar** [DE/DE]; Eichenallee 30, D-14050 Berlin (DE). **HELDMANN, Dieter** [DE/DE]; Krefelder Strasse 3, D-10555 Berlin (DE).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE 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 RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20857** (13) A1
- (21) PCT/US97/20690
- (22) **10 Nov/nov 1997** (10.11.1997)
- (25) en (26) en
- (31) 60/030,578 (32) **12 Nov/nov 1996** (33) US
(12.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 9/127, 31/30, C07H 21/00, 21/02, 21/04
- (54) PREPARATION OF STABLE FORMULATIONS OF LIPID-NUCLEIC ACID COMPLEXES FOR EFFICIENT *IN VIVO* DELIVERY
PREPARATION DE FORMULATIONS STABLES DE COMPLEXES DE TYPE LIPIDE-ACIDE NUCLEIQUE POUR UNE ADMINISTRATION EFFICACE *IN VIVO*
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
- (72) **PAPAHADJOPOULOS, Demetrios**; 3521 Sacramento Street, San Francisco, CA 94118 (US). **HONG, Deelung**; 1360 De Haro Street, San Francisco, CA 94107 (US). **ZHENG, Weiwen**; 1915 San Jose Avenue, San Francisco, CA 94112 (US).
- (74) **BERLINER, Robert**; Fulbright & Jaworski, L.L.P., 29th floor, 865 South 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 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 98/20857** (13) A1
- (21) PCT/EP97/06082
- (22) **4 Nov/nov 1997** (04.11.1997)
- (25) de (26) de
- (31) 196 46 836.1 (32) **13 Nov/nov 1996** (33) DE
(13.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 9/20, 9/70
- (54) PREPARATION CONSISTING OF A SURFACE-ADHERING, FILM-LIKE OR WAFER-LIKE ADMINISTRATION FORM
PREPARATION CONSTITUEE D'UNE FORME D'ADMINISTRATION ADHESIVE EN SURFACE, DU TYPE FILM OU CACHET
- (71) **LTS LOHMANN THERAPIE-SYSTEME GMBH** [DE/DE]; Irlicher Strasse 55, D-56567 Neuwied (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LUDWIG, Karin** [DE/DE]; In der Au 9, D-56589 Datzeroth (DE).
- (74) **FLACCUS, Rolf-Dieter**; Sperlingsweg 32, D-50389 Wesseling (DE).
- (81) AU CA JP KR MX SI US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20860** (13) A2
- (21) PCT/US97/20217
- (22) **13 Nov/nov 1997** (13.11.1997)
- (25) en (26) en
- (31) 9604124-9 (32) **12 Nov/nov 1996** (33) SE
(12.11.1996)
- (31) 60/031,723 (32) **25 Nov/nov 1996** (33) US
(25.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 9/16, 9/20
- (54) COMPACT MEMBER COMPRISING A PLURALITY OF POROUS CELLULOSE MATRICES, (PCMs), METHOD OF MANUFACTURING AND USE THEREOF
ELEMENT COMPACT COMPOSE D'UNE PLURALITE DE MATRICES POREUSES EN CELLULOSE (PCM), SON PROCEDE DE FABRICATION ET D'UTILISATION
- (71) **PHARMACIA & UPJOHN AB** [SE/SE]; S-112 87 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GREN, Torkel** [SE/SE]; Funbo, Skogsängen, S-755 97 Uppsala (SE). **NYSTRÖM, Christer** [SE/SE]; Holmvägen 22, S-756 51 Uppsala (SE).
- (74) **WAHLSTRÖM, Christer** et al. / etc.; Pharmacia & Upjohn AB, S-112 87 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 HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN; AP (GH 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 98/20861** (13) A1
- (21) PCT/GB97/03121
- (22) **13 Nov/nov 1997** (13.11.1997)
- (25) en (26) en
- (31) 9623634.4 (32) **13 Nov/nov 1996** (33) GB
(13.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 9/28
- (54) METHOD AND APPARATUS FOR THE COATING OF SUBSTRATES FOR PHARMACEUTICAL USE
PROCEDE ET DISPOSITIF SERVANT A REVETIR DES SUBSTRATS A USAGE PHARMACEUTIQUE
- (71) **COLORCON LIMITED** [GB/GB]; Flagship House, Victory Way, Crossways, Dartford, Kent DA2 6QD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROWN, Steven, Robert** [GB/GB]; 2 The Willows, Kemsley, Sittingbourne, Kent ME10 2TE (GB). **REEVES, Linda, Ann** [GB/GB]; 31 Hatton Court, Lubbock Road, Chislehurst, Kent BR7 5JQ (GB). **STANFORTH, John, Nicholas** [GB/GB]; High Trees, 170 Bloomfield Road, Bath BA2 2AT (GB).
- (74) **BARDO, Julian, Eason** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
-
- Published / Publiée : (c)
-
- (11) **WO 98/20862** (13) A1
- (21) PCT/EP97/05820
- (22) **22 Oct/oct 1997** (22.10.1997)
- (25) en (26) en
- (31) 08/746,733 (32) **15 Nov/nov 1996** (33) US
(15.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 9/20
- (54) HYDROCOLLOID DELIVERY SYSTEM
VECTEUR D'APPORT HYDROCOLLOIDAL
- (71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).
- (72) **BUBNIS, William, A.**; 5904 Ravens Crest Drive, Plainsboro, NJ 08536 (US). **REILLY, William, J., Jr.**; 409 Byerly Drive, New Hope, PA 18938 (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 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).

- (25) de (26) de (31) MI96A002356 (32) 13 Nov/nov 1996 (13.11.1996) (33) IT (11) WO 98/20866 (13) A2
- (31) 196 46 392.0 (32) 11 Nov/nov 1996 (11.11.1996) (33) DE (21) PCT/US97/20613
- (43) 22 May/mai 1998 (22.05.1998) (22) 12 Nov/nov 1997 (12.11.1997)
- (51)⁶ A61K 9/70 (25) en (26) en
- (54) IMMEDIATE WETTABILITY WATER SOLUBLE FILM OR WATER SOLUBLE LAYER FOR ORAL APPLICATION
FILM HYDROSOLUBLE OU COUCHE HYDROSOLUBLE A MOUILLABILITE IMMEDIATE POUR APPLICATION ORALE (31) 60/030,787 (32) 13 Nov/nov 1996 (13.11.1996) (33) US
- (71) **LTS LOHMANN THERAPIE-SYSTEME GMBH** [DE/DE]; Irlischer Strasse 55, D-56567 Neuwied (DE).
(for all designated States except / pour tous les États désignés sauf US) (43) 22 May/mai 1998 (22.05.1998)
- (71) **UNIVERSITA' DEGLI STUDI DI BRESCIA - DIPARTIMENTO DI SCIENZE BIOMEDICHE** [IT/IT]; Piazza del Mercato, 15, I-25121 Brescia (IT).
(for all designated States except / pour tous les États désignés sauf US) (51)⁶ A61K 31/00
- (72, 75) **ZERBE, Horst, Georg** [DE/US]; 25 Lake End Road, Green Pond, NJ 07435 (US). **SERINO, Anthony, J.** [US/US]; 919 Knoll Road, Boonton, NJ 07005 (US). **GUO, Jian-Hwa** [-/US]; 11 Carriage House Road, Sparta, NJ 07871 (US). (54) METHOD OF TREATING KAPOSI'S SARCOMA BY VITAMIN-D₃ RECEPTOR AGONISTS
PROCEDE DE TRAITEMENT DU SARCOME DE KAPOSI PAR DES AGONISTES DES RECEPTEURS DE LA VITAMINE-D₃
- (74) **FLACCUS, Rolf-Dieter**; Sperlingsweg 32, D-50389 Wesseling (DE). (63) US 60/030, 787 (CIP) 13 Nov/nov 1996 (13.11.1996)
- (81) AU CA CZ HU ID IL JP KR MX NO NZ PL SG SI SK TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE). (71, 72) **GILL, Parkash, S.** [US/US]; 29420 Cresthaven Court, Agoura Hills, CA 91301 (US).
- (74) **WEBER, Kenneth, A.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, 2 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20863 (13) A1 (21) PCT/GB97/03113
- (22) 13 Nov/nov 1997 (13.11.1997)
- (25) en (26) en
- (31) 9623634.4 (32) 13 Nov/nov 1996 (13.11.1996) (33) GB
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 9/70
- (54) METHOD AND APPARATUS FOR THE COATING OF SUBSTRATES FOR PHARMACEUTICAL USE
PROCEDE ET APPAREIL D'ENROBAGE DE SUBSTRATS A USAGE PHARMACEUTIQUE
- (71) **COLORCON LIMITED** [GB/GB]; Flagship House, Victory Way, Crossways, Dartford, Kent DA2 6QD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROWN, Steven, Robert** [GB/GB]; 2 The Willows, Kemsley, Sittingbourne, Kent ME10 2TE (GB). **REEVES, Linda, Ann** [GB/GB]; 31 Hatton Court, Lubbock Road, Chislehurst, Kent BR7 5JQ (GB). **STANFORTH, John, Nicholas** [GB/GB]; High Trees, 170 Bloomfield Road, Bath BA2 2AT (GB).
- (74) **BARDO, Julian, Eason** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20865 (13) A2 (21) PCT/US97/20575
- (22) 13 Nov/nov 1997 (13.11.1997)
- (25) en (26) en
- (31) 60/030,690 (32) 13 Nov/nov 1996 (13.11.1996) (33) US
- (31) 60/045,411 (32) 2 May/mai 1997 (02.05.1997) (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 31/00
- (54) THERAPEUTIC USES FOR NITRIC OXIDE INHIBITORS
UTILISATIONS THERAPEUTIQUES D'INHIBITEURS D'OXYDE NITRIQUE
- (71) **COLD SPRING HARBOR LABORATORY** [US/US]; 1 Bungtown Road, Cold Spring Harbor, NY 11724 (US). **KUZIN, Boris** [RU/RU]; Building 1, Apartment 136, 11 Ramenki Street, Moscow, 117607 (RU).
- (72, 75) **ENIKOLOPOV, Grigori** [RU/US]; Cold Spring Harbor Laboratory, Hooper Hall, 1 Bungtown Road, Cold Spring Harbor, NY 11724 (US). **PEUNOVA, Natalia I.** [RU/US]; Cold Spring Harbor Laboratory, Hooper Hall, 1 Bungtown Road, Cold Spring Harbor, NY 11724 (US). **KUZIN, Boris** [RU/RU]; Building 1, Apartment 136, 11 Ramenki Street, Moscow, 117607 (RU).
- (74) **GRANAHAN, Patricia** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20867 (13) A1 (21) PCT/US97/21723
- (22) 14 Nov/nov 1997 (14.11.1997)
- (25) en (26) en
- (31) 60/030,999 (32) 15 Nov/nov 1996 (15.11.1996) (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 31/00, 31/55, 31/335, 31/215 // (A61K 31/55, 31:215, 31:17, 31:165) (A61K 31/55, 31:335, 31:17, 31:165)
- (54) PHARMACEUTICAL COMPOSITIONS CONTAINING VANILLOID AGONISTS IN COMBINATION WITH VANILLOID ANTAGONISTS
COMPOSITIONS PHARMACEUTIQUES CONTENANT DES AGONISTES VANILLOIDES EN COMBINAISON AVEC DES ANTAGONISTES VANILLOIDES
- (71) **THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** National Institutes of Health [US/US]; Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLUMBERG, Peter, M.** [US/US]; 4723-C Reels Mill Road, Frederick, MD 21704-7324 (US). **BIRO, Tamas** [HU/US]; 4740 Bradley Boulevard #319, Chevy Chase, MD 20815 (US). **ACS, Peter** [HU/US]; 4740 Bradley Boulevard #203, Chevy Chase, MD 20815 (US). **ACS, Geza** [HU/HU]; Pechy M.U. 28, H-4032 Debrecen (HU).
- (74) **GAGALA, Bruce, M.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

Published / Publiée : (c)

(11) WO 98/20864 (13) A2

(21) PCT/EP97/06323

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(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).

Published / Publiée : (c)

(11) **WO 98/20868** (13) A1

(21) PCT/US97/20670

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/031,061 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/15, 31/155, C07C 233/05, 281/18

(54) GUANYLHYDRAZONES USEFUL FOR TREATING DISEASES ASSOCIATED WITH T CELL ACTIVATION
GUANYLHYDRAZONES UTILES DANS LE TRAITEMENT DE MALADIES ASSOCIEES A L'ACTIVATION DES CELLULES T

(71) **THE PICOWER INSTITUTE FOR MEDICAL RESEARCH** [US/US]; 350 Community Drive, Manhasset, NY 11030 (US).

(72) **TRACEY, Kevin**; Old Greenwich, CT (US). **COHEN, Pamela**; Tenafly, NJ (US). **BUKRINSKY, Michael**; Glenwood Landing, NY (US). **SCHMIDTMAYEROVA, Helena**; New York, NY (US).

(74) **OSTER, Jeffrey, B.**; The Picower Institute for Medical Research, 350 Community Drive, Manhasset, NY 11030 (US).

(81) AL AU BG BR BY CA CN CZ EE FI GE HU IL IS JP KR KZ LT LV MK MX NO NZ PL RO RU SI SK TR UA UZ; 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).

Published / Publiée : (c)

(11) **WO 98/20869** (13) A2

(21) PCT/US97/20056

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,800 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/165, 47/02, 47/18, A61N 1/30

(54) FORMULATION FOR ELECTRICALLY ASSISTED DELIVERY OF LIDOCAINE AND EPINEPHRINE
FORMULATION DESTINEE A UN APPORT PAR ASSISTANCE ELECTRIQUE DE LIDOCAINE ET D'EPINEPHRINE

(71) **ALZA CORPORATION** [US/US]; 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US).

(72) **LINKWITZ, Andreas**; 350 Oakview Drive, San Carlos, CA 94070 (US). **CHIN, Ivan, W.**; 2808 Wemberly Drive, Belmont, CA 94002 (US). **GYORY, Richard, J.**; 6 Black Oak Road, North Oaks, MN 55127 (US). **THOMPSON, Ronald, V.**; 10604 Direct River Drive, Coon Rapids, MN 55433 (US). **URBANSKI, Paul, J.**; 4737 Harriet Avenue, S. Minneapolis, MN 55409 (US).

(74) **ROGERS, Christopher, P.** et al. / etc.; Alza Corporation, 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US).

(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 98/20870** (13) A1

(21) PCT/US97/20611

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/748,332 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/966,506 (32) **10 Nov/nov 1997 (10.11.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/165, 31/19, 31/42, 31/40, 31/12, 31/195, 31/54

(54) IMPROVED TREATMENT OF MIGRAINE HEADACHE
TRAITEMENT AMELIORE CONTRE LA MIGRAINE

(71) **POZEN, INC.** [US/US]; 6330 Quadrangle Drive, Chapel Hill, NC 27514 (US).

(72) **PLACHETKA, John, R.**; 1004 Staffield Lane, Chapel Hill, NC 27514 (US). **CHOWHAN, Zakauddin, T.**; 25 Montview Court, Cockeysville, MD 21030 (US).

(74) **SAUNDERS, Thomas, M.**; Lorusso & Loud, 440 Commercial Street, Boston, MA 02109 (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 98/20871** (13) A1

(21) PCT/JP97/04051

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) ja (26) ja

(31) 8/312770 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/19, 31/195, 31/38, 31/42, 31/425, 31/47

(54) VISCERAL FAT LOWERING AGENT
AGENT DIMINUANT LA GRAISSE VISCERALE

(71) **NIPPON CHEMIPHAR CO., LTD.** [JP/JP]; 2-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASUI, Seiichiro** [JP/JP]; 6-21, Nakazuma 4-chome, Ageo-shi, Saitama 362 (JP). **NAKANO, Yoshihisa** [JP/JP]; 1950-49 1-106, Mutsuura-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236 (JP).

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

(11) **WO 98/20872** (13) A1

(21) PCT/DK97/00524

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 4386 (32) **14 Nov/nov 1996 (14.11.1996)** (33) IS

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/20, 31/23, 31/22, 31/225, 9/00, 9/06, 47/00

(54) TOPICAL FORMULATIONS CONTAINING AS A THERAPEUTIC ACTIVE AGENT FATTY ACIDS OR FATTY ALCOHOLS OR MONOGLYCERIDE DERIVATIVES THEREOF FOR TREATING OF MUCOSA INFECTIONS
FORMULATIONS A USAGE LOCAL UTILISEES DANS LE TRAITEMENT DES INFECTIONS DES MUQUEUSES ET CONTENANT COMME AGENTS ACTIFS THERAPEUTIQUES DES ACIDES GRAS, OU DES ALCOOLS GRAS OU LEURS DERIVES DE MONOGLYCERIDE

(71, 72) **THORMAR, Halldor** [IS/IS]; Langagerdi 15, IS-108 Reykjavik (IS). **KRISTMUNDSDOTTIR, Thórdís** [IS/IS]; Hrólfsskálavör 12, IS-170 Seltjarnarnes (IS).

(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 ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) 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).

Published / Publiée : (c)

(11) **WO 98/20873** (13) A1

(21) PCT/US97/20115

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/748,356 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/40

(54) METHOD FOR INCREASING THE SOLUBILITY OF CLEMASTINE AND PHARMACEUTICAL COMPOSITIONS PREPARED THEREFROM
PROCEDE DESTINE A AMELIORER LA SOLUBILITE DE LA CLEMASTINE ET COMPOSITIONS PHARMACEUTIQUES A BASE D'UNE TELLE CLEMASTINE

(71) **NASTECH PHARMACEUTICAL COMPANY, INC.** [US/US]; 45 Davids Drive, Hauppauge, NY 11778 (US).

(72) **BEHL, Charanjit, R.**; Apartment 3-IB, 554 New Highway, Hauppauge, NY 11788 (US). **DEMELRELES, Jorge, C.**; 33 Renee Road, Syosset, NY 11791 (US). **PIMPLASKAR, Harish, K.**; 41 Palm Street, Lindenhurst, NY 11757 (US). **ROMEO, Vincent, D.**; 104 Harbor Lane, Massapequa Park, NY 11762 (US). **SILENO, Anthony, P.**; 10 Highway Boulevard, Brookhaven Hamlet, NY 11719 (US). **XIA, Wei, J.**; 42 Old East Neck Road, Melville, NY 11747 (US).

(74) **BODNER, Gerald, T.**; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).

(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 LR LS LT LU LV MD MG MK MN MW MX 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 98/20874** (13) A1

(21) PCT/US97/20557

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/030,604 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(31) 60/042,989 (32) **14 Apr/avr 1997 (14.04.1997)** (33) US

(31) 08/964,791 (32) **5 Nov/nov 1997 (05.11.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/40, C07D 209/02, 403/08

(54) SYNTHETIC METHODS FOR THE PREPARATION OF INDOLYLQUINONES AND MONO- AND BIS-INDOLYLQUINONES PREPARED THEREFROM
 PROCEDES DE SYNTHESE PERMETTANT DE PREPARER DES INDOLYLQUINONES ET DES MONO- ET BIS- INDOLYLQUINONES PREPARES SUIVANT CE PROCEDE

(71) **SUGEN, INC.** [US/US]; 351 Galveston Drive, Redwood City, CA 94063 (US).

(72) **TANG, Peng, C.**; 827 Camino Ricardo, Moraga, CA 94556 (US). **HARRIS, G., David**; 417 Roosevelt Way, San Francisco, CA 94114 (US).

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

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KG KP KR KZ LC 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 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 98/20875** (13) A1

(21) PCT/US97/20630

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,950 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/435, C07D 471/04

(54) 5-HT_{1F} AGONISTS
 AGONISTES DE 5-HT_{1F}

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FILLA, Sandra, A.** [US/US]; 1680 Williamsburg Lane, Franklin, IN 46131 (US). **JOHNSON, Kirk, W.** [US/US]; 31 Triple Crown Lane, Camby, IN 46113 (US). **PHEBUS, Lee, A.** [US/US]; 1744 West 1000 North, Fountaintown, IN 46130 (US). **SCHAUS, John, M.** [US/US]; 135 Raintree Drive, Zionsville, IN 46077 (US).

(74) **TITUS, Robert, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/20876** (13) A1

(21) PCT/US97/20290

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 60/029,740 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/495

(54) USE OF CIS-HYDROXYITRACONAZOLE IN ORDER TO AVOID SIDE-EFFECTS OF ITRACONAZOLE AND HYDROXYINTRACONAZOLE
 UTILISATION DE CIS-HYDROXYITRACONAZOLE POUR EVITER LES EFFETS SECONDAIRES LIES A L'ITRACONAZOLE ET A L'HYDROXYINTRACONAZOLE

(71) **SEPRACOR INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US).

(72) **MCCULLOUGH, John, R.**; 6 Davidson Road, Worcester, MA 01605 (US). **KOCH, Patrick**; 8 Celia Avenue, Stanhope, NJ 07874 (US).

(74) **LAWRENCE, Stanton, T., III** 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 HU ID IL IS JP KG KP KR KZ LC 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 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 98/20877** (13) A1

(21) PCT/JP96/03341

(22) **14 Nov/nov 1996 (14.11.1996)**

(25) ja (26) ja

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/505, C07D 239/42

(54) THIAMINE DISULFIDES AND MEDICINES CONTAINING THE SAME AS THE ACTIVE INGREDIENT
 DISULFIDES DE THIAMINE, ET MEDICAMENTS CONTENANT CES SUBSTANCES EN TANT QU'INGREDIENTS ACTIFS

(71) **NISSUI PHARMACEUTICAL CO., LTD.** [JP/JP]; 11-1, Sugamo 2-chome, Toshima-ku, Tokyo 170 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHOJI, Shozo** [JP/JP]; 4-22, Kusunoki 5-chome, Kumamoto-shi, Kumamoto 862 (JP). **TACHIBANA, Kuniomi** [JP/JP]; Nissui Pharmaceutical Co., Ltd., 1075-2, Hokunamoro, Yuuki-shi, Ibaraki 307 (JP).

(74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Building, 3-6, Nihonbashinginoycho 1-chome, Chuo-ku, Tokyo 103 (JP).

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

(11) **WO 98/20878** (13) A1

(21) PCT/US96/17748

(22) **11 Nov/nov 1996 (11.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/505, C07D 239/49

(54) 5-[ω-(SUBSTITUTED ARYL)ALKENYLENE AND ALKYNYLENE]-2,4-DIAMINOPYRIMIDINES AS PESTICIDES
 DIAMINOPYRIMIDINES-2,4-ALCENYLENE ET ALCYNYLENE 5-ω-(ARYL-SUBSTITUEES) UTILISEES COMME PESTICIDES

(71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).

(72) **HENRIE, Robert, N., II**; 785 Old York Road, East Windsor, NJ 08520 (US). **PEAKE, Clinton, J.**; 29 Fran Avenue, Trenton, NJ 08628 (US). **CULLEN, Thomas, G.**; 22 Harrison Avenue, Milltown, NJ 08850 (US). **YEAGER, Walter, H.**; 274 Hickory Road, Yardley, PA 19067 (US). **BROWN, Mary, E.**; 667 Hillsborough Road, Belle Mead, NJ 08502 (US). **BUSER, John, W.**; 694 Wood Avenue, North Brunswick, NJ 08902 (US).

(74) **CALDWELL, John, W.**; 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 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 UZ VN; AP (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 98/20879** (13) A1

(21) PCT/US97/20647

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,263 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 08/954,922 (32) **21 Oct/oct 1997 (21.10.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/505, 31/70, C07D 473/00, C07H 19/10

(54) L-β-DIOXOLANE URIDINE ANALOGS AND METHODS FOR TREATING AND PREVENTING VIRUS INFECTIONS
 ANALOGUES DE L-S(b)-DIOXOLANE URIDINE ET METHODES DE PREVENTION ET DE TRAITEMENT D'INFECTIONS VIRALES

(71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06520 (US). **THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.** [US/US]; Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).

(72) **CHENG, Yung-Chi**; 961 Baldwin Road, Woodbridge, CT 06525 (US). **CHU, Chung, K.**; 115 Ceder Springs Place, Athens, GA 30605 (US). **QU, Fucheng**; 503 White Pine Circle, Lawrenceville, NJ 08648 (US).

(74) **COLEMAN, Henry, D.**; Coleman Sudol, LLP, Suite 1301, 270 Madison Avenue, New York, NY 10016 (US).

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

Published / Publiée : (c)

(11) **WO 98/20880** (13) A2

(21) PCT/US97/20672

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,505 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/557, C07C 405/00

(54) 11-HALO PROSTAGLANDINS FOR THE TREATMENT OF GLAUCOMA OR OCULAR HYPERTENSION
11-HALO PROSTAGLANDINES DESTINEES AU TRAITEMENT DU GLAUCOME OU DE L'HYPERTENSION OCULAIRE

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALLEE, Verney, L.** [US/US]; 304 Diamond Lane, Burlison, TX 76028 (US). **HELLBERG, Mark, R.** [US/US]; 5211 Override Drive, Arlington, TX 76017 (US). **KLIMKO, Peter, G.** [US/US]; 2115 Pembroke Drive, Fort Worth, TX 76110 (US). **ZINKE, Paul, W.** [US/US]; 4129 Willow Way Road, Fort Worth, TX 76133 (US).

(74) **COPELAND, Barry, L.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

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

(11) **WO 98/20881** (13) A1

(21) PCT/US97/20856

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,506 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/557

(54) 15-KETAL PROSTAGLANDINS FOR THE TREATMENT OF GLAUCOMA OR OCULAR HYPERTENSION
15-CETAL-PROSTAGLANDINES POUR LE TRAITEMENT DU GLAUCOME OU DE L'HYPERTENSION OCULAIRE

(71) **ALCON LABORATORIES, INC** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALLEE, Verney, L.** [US/US]; 304 Diamond Lane, Burlison, TX 76028 (US). **HELLBERG, Mark, R.** [US/US]; 5211 Override Drive, Arlington, TX 76017 (US). **KLIMKO, Peter, G.** [US/US]; 2115 Pembroke Drive, Fort Worth, TX 76110 (US).

(74) **COPELAND, Barry, L.**; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

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

Published / Publiée : (c)

(11) **WO 98/20882** (13) A1

(21) PCT/EP97/05756

(22) **18 Oct/oct 1997 (18.10.1997)**

(25) de (26) de

(31) 196 46 971.6 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/70

(54) COMPOSITION TO REDUCE THE LEVEL OF SUGAR IN THE BLOOD
COMPOSITION POUR REDUIRE LE TAUX DE SUCRE DANS LE SANG

(71) **SÜDZUCKER AKTIENGESELLSCHAFT** [DE/DE]; Mannheim/Ochsenfurt, Maximiliansstrasse 10, D-68165 Mannheim (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEINZ, Fritz** [DE/DE]; Emscher Weg 9, D-30629 Hannover (DE). **HERTEL, Sabine** [DE/DE]; Beethovenstrasse 6, D-30851 Langenhagen (DE). **VOGEL, Manfred** [DE/DE]; Am Höllpfad 1, D-67271 Neuleiningen (DE).

(74) **SCHRELL, Andreas** et al. / etc.; Maybachstrasse 6A, D-70469 Stuttgart (DE).

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

Published / Publiée : (c)

(11) **WO 98/20883** (13) A1

(21) PCT/FR97/02007

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13646 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(31) 97/07693 (32) **20 Jun/juin 1997 (20.06.1997)** (33) FR

(31) 97/09559 (32) **28 Jul/juil 1997 (28.07.1997)** (33) FR

(31) 97/09701 (32) **30 Jul/juil 1997 (30.07.1997)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 31/79

(54) USE OF PVP OR POVIDONE FOR REDUCING BOWEL DISTENSION
UTILISATION DE PVP OU POVIDONE POUR DIMINUER LE GONFLEMENT INTESTINAL

(71, 72) **SALKIN, André** [FR/FR]; 134, avenue du 14 Juillet, F-76300 Sotteville lès Rouen (FR).

(74) **PORTAL, Gérard** et al. / etc.; Cabinet Beau de Lomélie, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20884** (13) A1

(21) PCT/JP97/03997

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) ja (26) ja

(31) 8/311224 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(31) 8/356416 (32) **26 Dec/déc 1996 (26.12.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 35/78, 35/80, 35/84, 35/66, 38/00

(54) APOPTOSIS INDUCERS
INDUCTEURS D'APOPTOSE

(71) **TAKARA SHUZO CO., LTD.** [JP/JP]; 609, Take-naka-cho, Fushimi-ku, Kyoto-shi, Kyoto 612 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAI, Takeshi** [JP/JP]; Biomedical Group, Takara Shuzo Co., Ltd., 82-4, Oaza Zaifu-cho, Hirosaki-shi, Aomori 036 (JP). **KOYAMA, Nobuto** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-21 (JP). **TATSUMI, Yoko** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-21 (JP). **SAGAWA, Hiroaki** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-21 (JP). **YU, Fu-Gong** [CN/JP]; Biomedical Group, Takara Shuzo Co., Ltd., 82-4, Oaza Zaifu-cho, Hirosaki-shi, Aomori 036 (JP). **IKAI, Katsushige** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-21 (JP). **KATO, Ikuoshin** [JP/JP]; Central Research Laboratories, Takara Shuzo Co., Ltd., 4-1, Seta 3-chome, Otsu-shi, Shiga 520-21 (JP).

(74) **ADATI, Mituo** et al. / etc.; Shin-Ei Building, 6th floor, 6-20, Tosabori 1-chome, Nishi-ku, Osaka-shi, Osaka 550 (JP).

(81) AU BR CA CN JP KR MX US 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 98/20885** (13) A1

(21) PCT/US96/18374

(22) **13 Nov/nov 1996 (13.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 38/00, C07K 5/00, 7/00, 17/00

(54) ANALOGS OF PEPTIDE YY AND USES THEREOF
ANALOGUES DE PEPTIDE YY ET LEURS UTILISATIONS

(71) **UNIVERSITY OF CINCINNATI** [US/US]; Mail Location 0829, G-13 Wherry Hall, Cincinnati, OH 45267-0829 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BALASUBRAMANIAM, Ambikaipakan** [US/US]; 2706 Lawyers Pointe Drive, Cincinnati, OH 45244 (US).

(74) **TSAO, Y., Rocky**; Fish & Richardson P.C., 225 Franklin 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 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 (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 98/20886** (13) A1
 (21) PCT/US97/20074
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 08/747,191 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A61K 38/00, 35/14, C07K 1/00
 (54) PRETRAUMATIC USE OF HEMOGLOBIN UTILISATION PRE-TRAUMATIQUE D'HEMOGLOBINE
 (71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).
 (72) **BURHOP, Kenneth, E.**; 1230 Regent Drive, Mundelein, IL 60060 (US).
 (74) **BARRETT, Joseph, B.** et al. / etc.; Baxter Healthcare Corporation, Route 120 & Wilson Road, Round Lake, IL 60073 (US).
 (81) AU BR CA CN JP NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20887** (13) A1
 (21) PCT/US96/18453
 (22) **14 Nov/nov 1996 (14.11.1996)**
 (25) en (26) en
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A61K 38/04, 38/06, 47/42, 47/48, 49/00, C07K 5/04, 5/08, 5/10, 7/04
 (54) POLYPHOSPHOINOSITIDE BINDING PEPTIDES FOR INTRACELLULAR DRUG DELIVERY PEPTIDES SE LIANT AUX POLYPHOSPHOINOSITIDES, POUR L'ADMINISTRATION INTRACELLULAIRE DE MEDICAMENTS
 (71) **BRIGHAM AND WOMEN'S HOSPITAL, INC.** [US/US]; 75 Francis Street, Boston, MA 02115 (US).
 (72) **JANMEY, Paul, A.**; 63 Webcowet Road, Arlington, MA 02174 (US). **CUNNINGHAM, C., Casey**; 6 Old Sudbury Road, Wayland, MA 01778 (US). **HARTWIG, John, H.**; 38 Dunster Road, Jamaica Plain, MA 02130 (US). **STOSSEL, Thomas, P.**; 12 Blake Street, Belmont, MA 02178 (US). **VEGNER, Roland**; Terinu Street 15-4, LV-1004 Riga (LV).
 (74) **PLUMER, Elizabeth, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 98/20888** (13) A1
 (21) PCT/JP97/04057
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) ja (26) ja
 (31) 8/312772 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
 (31) 8/344550 (32) **9 Dec/déc 1996 (09.12.1996)** (33) JP
 (31) 9/293365 (32) **9 Oct/oct 1997 (09.10.1997)** (33) JP
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A61K 38/06, 38/55
- (54) AIDS REMEDY MEDICAMENT CONTRE LE SIDA
 (71) **JAPAN ENERGY CORPORATION** [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SATO, Hideharu** [JP/JP]; Japan Energy Corporation, 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105 (JP). **SHINTANI, Makoto** [JP/JP]; Japan Energy Corporation, 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105 (JP). **FUKAZAWA, Tominaga** [JP/JP]; Japan Energy Corporation, 17-35, Niizominami 3-chome, Toda-shi, Saitama 335 (JP). **MUTO, Akihiro** [JP/JP]; Japan Energy Corporation, 17-35, Niizominami 3-chome, Toda-shi, Saitama 335 (JP). **TERAJIMA, Keisuke** [JP/JP]; Japan Energy Corporation, 17-35, Niizominami 3-chome, Toda-shi, Saitama 335 (JP).
 (74) **FUJINO, Seiya**; Mitsuhama Building, 8F, 2-1, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160 (JP).
 (81) AU CA JP NO NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20889** (13) A1
 (21) PCT/US97/20071
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 08/751,227 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A61K 38/18, 35/30 // C12N 5/00
 (54) MORPHOGEN PEPTIDE-INDUCED REGENERATION OF SENSE PERCEPTORY TISSUES REGENERATION DE TISSUS PERCEPTEURS SENSORIELS, INDUITE PAR DES PEPTIDES MORPHOGENES
 (71) **CREATIVE BIOMOLECULES, INC.** [US/US]; 45 South Street, Hopkinton, MA 01748 (US).
 (72) **SAMPATH, Kuber, T.**; 98 Pamela Drive, Holliston, MA 01746 (US). **RUEGER, David, C.**; 81 Pine Hill Road, Southborough, MA 01772 (US). **COHEN, Charles, M.**; 98 Winthrop Street, Medway, MA 02053 (US). **CHARETTE, Marc, F.**; 18 Elliot Street, Needham, MA 02192 (US).
 (74) **MEYERS, Thomas, C.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
 (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- Published / Publiée : (c)
- (11) **WO 98/20890** (13) A1
 (21) PCT/US97/20743
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 08/751,227 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A61K 38/18
 (54) MORPHOGEN PEPTIDE-INDUCED REGENERATION OF SENSE PERCEPTORY TISSUES REGENERATION INDUITE PAR PEPTIDE MORPHOGENE DE TISSUS PERCEPTO-SENSORIELS
 (71) **CREATIVE BIOMOLECULES, INC.** [US/US]; 45 South Street, Hopkinton, MA 01748 (US).
-
- (11) **WO 98/20891** (13) A1
 (21) PCT/US97/20866
 (22) **13 Nov/nov 1997 (13.11.1997)**
 (25) en (26) en
 (31) 08/748,447 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A61K 38/18, 45/06
 (54) METHODS AND COMPOSITIONS FOR STIMULATING NEURITE GROWTH USING COMPOUNDS WITH AFFINITY FOR FKBP12 IN COMBINATION WITH NEUROTROPHIC FACTORS METHODES ET COMPOSITIONS UTILISES POUR LA STIMULATION DE LA CROISSANCE DES NEURITES, DANS LESQUELLES ON UTILISE DES COMPOSES PRESENTANT UNE AFFINITE POUR LE FKBP12 ASSOCIES A DES FACTEURS NEUROTROPHIQUES
 (71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).
 (72) **ZELLE, Robert, E.**; 67 Boon Road, Stow, MA 01775 (US). **SU, Michael**; 15 Donna Road, Newton, MA 02159 (US).
 (74) **HALEY, James, F., Jr.**; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (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 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 98/20892** (13) A1
 (21) PCT/US97/20867
 (22) **13 Nov/nov 1997 (13.11.1997)**
 (25) en (26) en
 (31) 08/748,448 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ A61K 38/18, 45/06
 (54) METHODS AND COMPOSITIONS FOR STIMULATING NEURITE GROWTH USING COMPOUNDS WITH AFFINITY FOR FKBP12 IN COMBINATION WITH NEUROTROPHIC FACTORS METHODES ET COMPOSITIONS STIMULANT LA CROISSANCE DES NEURITES RECOU-RANT A DES COMPOSES PRESENTANT UNE

AFFINITE POUR LE FKBP12 ASSOCIES A DES FACTEURS NEUROTROPHIQUES

(71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).

(72) **ZELLE, Robert, E.**; 67 Boon Road, Stow, MA 01775 (US). **SU, Michael**; 15 Donna Road, Newton, MA 02159 (US).

(74) **HALEY, James, F., Jr.**; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (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 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 98/20893** (13) A1

(21) PCT/US97/20868

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,114 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 38/18, 45/06

(54) METHODS AND COMPOSITIONS FOR STIMULATING NEURITE GROWTH USING COMPOUNDS WITH AFFINITY FOR FKBP12 IN COMBINATION WITH NEUROTROPHIC FACTORS
METHODES ET COMPOSITIONS STIMULANT LA CROISSANCE DES NEURITES ET RECOURANT A DES COMPOSES PRESENTANT UNE AFFINITE POUR LE FKBP12 ASSOCIES A DES FACTEURS NEUROTROPHIQUES

(71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).

(72) **ZELLE, Robert, E.**; 67 Boon Road, Stow, MA 01775 (US). **SU, Michael**; 15 Donna Road, Newton, MA 02159 (US).

(74) **MARKS, Andrew, S.**; Vertex Pharmaceuticals Incorporated, 130 Waverly Street, Cambridge, MA 02139-4242 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/20894** (13) A1

(21) PCT/US97/21172

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,534 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 38/22

(54) REGULATION OF NEUROENDOCRINE AND REPRODUCTIVE FUNCTION BY ADMINISTRATION OF LEPTIN
REGULATION DE LA FONCTION NEUROENDOCRINIENNE ET DE LA FONCTION DE REPRODUCTION PAR ADMINISTRATION DE LEPTINE

(71) **BETH ISRAEL DEACONESS MEDICAL CENTER** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US). **GOVERNMENT OF THE UNITED STATES**, as represented by **THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; Washington, DC 20892 (US).

(72) **FLIER, Jeffrey, S.**; 14 Sylvan Avenue, West Newton, MA 02165 (US). **AHIMA, Rexford, S.**; 50 Island View Place #405, Dorchester, MA 02125 (US). **MANTZOROS, Christos, S.**; 210 Sherman Road, Chestnut Hill, MA 02167 (US). **GOLD, Philip, W.**; 4621 Loverock Place, N.W., Washington, DC 20007 (US). **LICINO DE CASTRO PAIXAO, Julio**; 8315 North Brook Lane #907, Bethesda, MD 20814 (US).

(74) **GRANAHAN, Patricia** 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 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).

Published / Publiée : (c)

(11) **WO 98/20895** (13) A1

(21) PCT/DK97/00509

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 1270/96 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DK

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 38/26

(54) USE OF GLP-1 PEPTIDES
UTILISATION DE PEPTIDES GLP-1

(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) **KNUDSEN, Liselotte, Bjerre** [DK/DK]; Valby Langgade 49A, 1.tv., DK-2500 Valby (DK). **THIM, Lars** [DK/DK]; Skiftevej 22, DK-2820 Gentofte (DK). **JUDGE, Martin, Edward** [US/DK]; Vendersgade 22, 4.tv., DK-1363 Copenhagen K (DK). **HOLST, Jens, Juul** [DK/DK]; Ole Olsens Allé 30, DK-2900 Hellerup (DK). **ASTRUP, Arne, Vernon** [DK/DK]; Fabritius Allé 4, DK-2930 Klampenborg (DK). **WULFF, Brigitte, Schjellerup** [DK/DK]; Parkvej 28, DK-2830 Virum (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 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 98/20896** (13) A1

(21) PCT/US97/20767

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,956 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 38/39, 38/00

(54) A METHOD FOR INDUCING APOPTOSIS OF PRIMARY CENTRAL NERVOUS SYSTEM B CELL LYMPHOMAS
PROCEDE POUR INDUIRE L' APOPTOSE DE LYMPHOMES PRIMAIRES DE CELLULES B DANS LE SYSTEME NERVEUX CENTRAL

(71) **HEALTH RESEARCH INC.** [US/US]; Elm and Carlton Streets, Buffalo, NY 14263 (US).

(72) **CALIGIURI, Michael, A.**; 2464 Wenbury Road, Columbus, OH 43220 (US). **BAIOCCHI, Robert, A.**; 7845 Fairwind, Columbus, OH 43220 (US).

(74) **NELSON, M., Bud** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, 1800 One M & T Plaza, Buffalo, NY 14203-2391 (US).

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

(11) **WO 98/20897** (13) A1

(21) PCT/US97/20744

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,927 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 38/46, 39/395, G01N 33/573

(54) MODULATION OF MAP KINASE PHOSPHATASE 1 (MKP-1)
MODULATION DE MAP KINASE PHOSPHATASE 1 (MKP-1)

(71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).

(72) **HABER, Edgar**; South Road, P.O. Box 161, Salisbury, NH 03268 (US). **LAL, Kaihua**; 10041 S. Walnut Terrace #208, Palos Hills, IL 60465 (US).

(74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

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

Published / Publiée : (c)

(11) **WO 98/20898** (13) A1

(21) PCT/US97/20276

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/747,177 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 39/02, 39/00, 39/38, 39/04, C12N 15/00, 15/64, 1/16, 1/14, 1/18, 1/00, 1/21, 1/20

(54) RECOMBINANT MYCOBACTERIA AUXOTROPHIC FOR DIAMINOPIMELATE

- MYCOBACTERIES DE RECOMBINAISON AUXOTROPHES A L'EGARD DU DIAMINOPI-MELATE
- (71) **ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY, a division of YESHIVA UNIVERSITY** [US/US]; 1300 Morris Park Avenue, Bronx, NY 10461 (US).
- (72) **PAVELKA, Martin, S., Jr.**; Apartment 6Q, 1579 Rhineland Avenue, Bronx, NY 10461 (US). **JACOBS, William, Jr.**; 163 Fordham Street, City Island, NY 10464 (US).
- (74) **GEORGE, Kenneth, P.** et al. / etc.; Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY 10016 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 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 98/20899** (13) A1
(21) PCT/US97/21199
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 60/030,662 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61K 39/02, C12P 21/06, C07H 21/02
- (54) **ATTENUATED SERPULINA HYODYSENTERIAE MUTANT FOR PREVENTION OF SWINE DYSENTERY**
MUTANT DE *SERPULINA HYODYSENTERIAE* A VIRULENCE ATTENUÉE UTILE DANS LA PROPHYLAXIE DE LA DYSENTERIE PORCINE
- (71) **BOARD OF REGENTS UNIVERSITY OF NEBRASKA LINCOLN** [US/US]; 307 Administration Building, Lincoln, NE 68588-0467 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUHAMEL, Gerald, E.** [US/US]; 2653 Park Avenue, Lincoln, NE 68502 (US). **ELDER, Robert, O.** [US/US]; Route 1, Box 106, Sutton, NE 68979 (US).
- (74) **SUITER, Sean, Patrick**; Suiter & Associates, PC, Suite 205, 11516 Nicholas Street, Omaha, NE 68154-4409 (US).
- (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).
-
- Published / Publiée : (c)
-
- (11) **WO 98/20900** (13) A1
(21) PCT/AU97/00770
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) PO 3593 (32) **13 Nov/nov 1996 (13.11.1996)** (33) AU
(43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61K 39/04, 38/02, C07K 14/35
- (54) **MYCOBACTERIUM CELL WALL COMPOSITIONS**
COMPOSITIONS DE PAROI CELLULAIRE DE MYCOBACTERIES
- (71) **AMRAD OPERATIONS PTY. LTD.** [AU/AU]; 576 Swan Street, Richmond, VIC 3121 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAXTER, Alan, George** [AU/AU]; 76 Albion Street, Annandale, NSW 2038 (AU).
- (74) **HUGHES, E., John, L.** et al. / etc.; Davies Collison 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 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 98/20901** (13) A1
(21) PCT/US97/20399
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 60/030,734 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61K 39/12, 39/20
- (54) **GENOMIC SEQUENCE FOR THE RA27/3 STRAIN OF RUBELLA VIRUS**
SEQUENCE GENOMIQUE ASSOCIÉE A LA SOUCHE RA27/3 DU VIRUS DE LA RUBEOLE
- (71) **GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC.** [US/US]; Atlanta, GA 30303-3083 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FREY, Teryl, K.** [US/US]; Georgia State University Research Foundation, Inc., Atlanta, GA 30303-3083 (US). **POUGATCHEV, Konstantin V.** [RU/US]; Georgia State University Research Foundation, Inc., Atlanta, GA 30303-3083 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE 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 UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
-
- (11) **WO 98/20902** (13) A1
(21) PCT/JP97/04129
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) ja (26) ja
(31) 8/302053 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61K 39/35, 39/36, 37/02, G01N 33/53
- (54) **PEPTIDE IMMUNOTHERAPEUTIC AGENT**
AGENT IMMUNOTHERAPEUTIQUE PEPTIDIQUE
- (71) **MELJI MILK PRODUCTS CO., LTD.** [JP/JP]; 3-6, Kyobashi 2-chome, Chuo-ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SONE, Toshio** [JP/JP]; Rameru-Ichibankan 105, 611, Takamori, Isehara-shi, Kanagawa 259-11 (JP). **KUME, Akinori** [JP/JP]; Meiji Institute of Health Science, 540, Naruda, Odawara-shi, Kanagawa 250 (JP). **DAIRIKI, Kazuo** [JP/JP]; Meiji Institute of Health Science, 540, Naruda, Odawara-shi, Kanagawa 250 (JP). **KINO, Kohsuke** [JP/JP]; Meiji Institute of Health Science, 540, Naruda, Odawara-shi, Kanagawa 250 (JP).
- (74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300 (JP).
- (81) AU CA CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20903** (13) A1
(21) PCT/US97/20722
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,704 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61K 39/395, 39/40, 39/42, C07K 16/00, C12P 21/08
- (54) **HUMANIZED NEUTRALIZING ANTIBODIES AGAINST HEMOLYTIC UREMIC SYNDROME**
ANTICORPS NEUTRALISANTS HUMANISÉS CONTRE LE SYNDROME HÉMOLYTIQUE ET UREMIQUE
- (71) **TRUSTEES OF TUFTS COLLEGE** [US/US]; Ballou Hall, Medford, MA 02155 (US).
- (72) **TZIPORI, Saul**; 869 Main Street, Shrewsbury, MA 01545 (US). **BALAKRISHNAN, Ramaswamy**; 6 Laverdure Circle, Framingham, MA 01701 (US). **DONOHUE-ROLFE, Arthur**; 347 North Road, Sudbury, MA 01776 (US).
- (74) **FARRELL, Kevin, M.**; P.O. Box 999, York Harbor, ME 03911 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20904** (13) A2
(21) PCT/EP97/06256
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) de (26) de
(31) 196 48 663.7 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ A61K 41/00, 49/00
- (54) **MICROPARTICLES FILLED WITH LIQUID ACTING ACCORDING TO A NEW PRINCIPLE AND THEIR USE AS DIAGNOSTIC AND THERAPEUTIC AGENTS**
MICROPARTICULES REMPLIES DE LIQUIDE PRESENTANT UN NOUVEAU PRINCIPE D'ACTION ET LEUR UTILISATION COMME AGENTS THERAPEUTIQUES ET DE DIAGNOSTIC
- (71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; D-13342 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LÜDERS, Frank** [DE/DE]; Ahrenshooper Strasse 62, D-13051 Berlin (DE). **HANNIG, Jana** [DE/DE]; Fachinger Strasse 23, D-13591 Berlin (DE).

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

(11) **WO 98/20905** (13) A2

(21) PCT/GB97/03064

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 08/745,335 (32) **8 Nov/nov 1996** (33) US (08.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 47/48

(54) TREATMENT OF IRON OVERLOAD DISORDERS
TRAITEMENT DES TROUBLES RELATIFS A UNE SURCHARGE EN FER

(71) **BIOMEDICAL FRONTIERS, INC.** [US/US]; 1095 Tenth Avenue, S.E., Minneapolis, MN 55414 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71) **SEABORN, George, Stephen** [GB/GB]; Edward Evans & Co., Chancery House, 53-64 Chancery Lane, London WC2A 1SD (GB).
(only for / seulement pour KG)

(72, 75) **DRAGSTEN, Paul, R.** [US/US]; 30 Choctaw Circle, Chanhassen, MN 55317 (US). **HALLAWAY, Philip, E.** [US/US]; 1458 West 35th Street, Minneapolis, MN 55408 (US). **HEDLUND, Bo, E.** [US/US]; 2049 16th Street, N.W., New Brighton, MN 55112 (US).

(74) **EDWARD EVANS & CO.**; Chancery House, 53-64 Chancery Lane, London WC2A 1SD (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; 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 98/20906** (13) A2

(21) PCT/EP97/06183

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 08/748,469 (32) **8 Nov/nov 1996** (33) US (08.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 48/00, C07K 14/00, A61K 38/17

(54) TREATMENT OF DIABETES WITH TRANSCRIPTION FACTOR GENE
TRAITEMENT DU DIABETE AVEC UN GENE DE FACTEUR DE TRANSCRIPTION

(71) **THE AUTONOMOUS UNIVERSITY OF BARCELONA** [ES/ES]; Edifici V, E-08193 Bellaterra (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOSCH, Fatima** [ES/ES]; Edifici V, E-08193 Bellaterra (ES). **VALERA, Alfons** [ES/ES]; Edifici V, E-08193 Bellaterra (ES).

(74) **LUNT, Mark, George, Francis**; Dibb Lupton Alsop, Fountain Precinct, Balm Green, Sheffield S1 1RZ (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20907** (13) A1

(21) PCT/US97/20558

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 08/747,514 (32) **12 Nov/nov 1996** (33) US (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 48/00, C12N 5/00, C12P 21/06, 19/00, C12Q 1/02

(54) TGF β 1-RESPONSIVE CELLS FROM BONE MARROW
CELLULES SENSIBLES A TGF β 1 DERIVEES DE LA MOELLE OSSEUSE

(63) US 08/747,514 (CIP)
12 Nov/nov 1996 (12.11.1996)

(71) **UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; University Park Campus, Los Angeles, CA 90089 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GORDON, Erlinda, Maria** [US/US]; Suite 1803W, 345 Pioneer Drive, Glendale, CA 91203 (US). **HALL, Frederick, L.** [US/US]; Suite 1803W, 345 Pioneer Drive, Glendale, CA 91203 (US). **ANDERSON, W., French** [US/US]; 960 Oxford Avenue, San Marino, CA 91108 (US).

(74) **HAILE, Lisa, A.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20908** (13) A1

(21) PCT/US97/20381

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 08/748,302 (32) **13 Nov/nov 1996** (33) US (13.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 49/00, G01N 31/00, 33/48

(54) MAGNETIC RESONANCE BLOOD POOL AGENTS
AGENTS D'IMAGERIE DU POOL SANGUIN PAR RESONANCE MAGNETIQUE

(71) **MALLINCKRODT MEDICAL, INC.** [US/US]; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

(72) **WOULFE, Steven, R.**; 1719 Woodmore Oaks Drive, Ballwin, MO 63021 (US).

(74) **GUFFEY, Wendell, Ray** et al. / etc.; Mallinckrodt Medical, Inc., 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE 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 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 98/20909** (13) A2

(21) PCT/EP97/06221

(22) 10 Nov/nov 1997 (10.11.1997)

(25) en (26) en

(31) 96118377.9 (32) **15 Nov/nov 1996** (33) EP (15.11.1996)

(34) DE et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61K 51/12, 51/10

(54) EX-CORPORE METHOD FOR TREATING HUMAN BLOOD CELLS
PROCEDE EX CORPORE DE TRAITEMENT DE CELLULES SANGUINES HUMAINES

(71) **EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM)** [LU/LU]; Rue Alcide De Gasperi, L-2920 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCH, Lothar** [DE/DE]; Rieslingweg 8, D-76356 Weingarten (DE). **JANSSENS, Willem** [BE/DE]; Donaustrasse 9, D-76694 Forst (DE). **VAN GEEL, Jacques** [NL/DE]; Oetelbachstrasse 22, D-76275 Ettlingen (DE). **DEZEURE, Freddy** [BE/BE]; Brusselsesteenweg 153A, B-3080 Teruren (BE). **VANSTRAELEN, Danny** [BE/BE]; Hommelvennestrasse 36, B-3500 Hasselt (BE).

(74) **WEINMILLER, Jürgen**; Spott & Weinmiller, Lennéstrasse 9, Postfach 24, D-82336 Feldafing (DE).

(81) CA JP US.

(11) **WO 98/20910** (13) A2

(21) PCT/US97/20776

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 08/745,511 (32) **12 Nov/nov 1996** (33) US (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61L 2/00, 11/00

(54) FLOWABLE WASTE SANITIZING PROCESS AND SYSTEM
PROCEDE ET SYSTEME D'ASSAINISSEMENT D'EFFLUENTS

(71) **SANITROL SYSTEMS, INC.** [US/US]; 9740 S.W. 72nd Court, Miami, FL 33156 (US).

(72) **GREEN, Lawrence, M.**; 9740 S.W. 72nd Court, Miami, FL 33156 (US). **NICKELSEN, Michael, G.**; 1993 N.W. 178th Way, Pembroke Pines, FL 33029 (US).

(74) **KUBLER, Frank, L.**; Suite 225, 6175 N.W. 153rd Street, Miami Lakes, FL 33014 (US).

(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 98/20911** (13) A1

(21) PCT/NO97/00289

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 964762 (32) **8 Nov/nov 1996 (08.11.1996)** (33) NO

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61L 2/16, 9/00

(54) METHOD FOR TREATMENT OF WET ORGANIC WASTE
PROCEDE DE TRAITEMENT DE DECHETS ORGANIQUES HUMIDES

(71) **NORSK HYDRO ASA** [NO/NO]; N-0240 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HØYVIK, Henrik** [NO/NO]; Åfossmyra 74, N-3731 Skien (NO). **HJØRNEVIK, Leif** [NO/NO]; St. Hansgt. 3, N-3714 Skien (NO). **GRANLL, Tom** [NO/NO]; Vearløkka 15, N-3173 Year (NO). **OLSEN, Britt, Gunhild** [NO/NO]; Rønningveien 25, N-3924 Porsgrunn (NO).

(74) **SUNDNES, Arne**; Norsk Hydro ASA, N-0240 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 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).

Published / Publiée : (c)

(11) **WO 98/20912** (13) A1

(21) PCT/JP97/04108

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/301639 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(31) 9/209345 (32) **4 Aug/Août 1997 (04.08.1997)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61L 2/18, G02C 13/00, C11D 7/32

(54) TREATMENT COMPOSITION FOR CONTACT LENSES AND METHOD FOR TREATING CONTACT LENSES WITH THE SAME
COMPOSITION DE TRAITEMENT POUR LENTILLES DE CONTACT ET PROCEDE DE TRAITEMENT DE LENTILLES DE CONTACT AU MOYEN DE LADITE COMPOSITION

(71) **TOMEY TECHNOLOGY CORPORATION** [JP/JP]; 11-33, Noritakeshimachi 2-chome, Nishi-ku, Nagoya-shi, Aichi 451 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAGAWA, Akira** [JP/JP]; Tomey Technology Corporation, 11-33, Noritakeshimachi 2-chome, Nishi-ku, Nagoya-shi, Aichi 451

(JP). **NIWA, Yoshiko** [JP/JP]; Tomey Technology Corporation, 11-33, Noritakeshimachi 2-chome, Nishi-ku, Nagoya-shi, Aichi 451 (JP). **KOZAWA, Takako** [JP/JP]; Tomey Technology Corporation, 11-33, Noritakeshimachi 2-chome, Nishi-ku, Nagoya-shi, Aichi 451 (JP). **TSUBOI, Keiko** [JP/JP]; Tomey Technology Corporation, 11-33, Noritakeshimachi 2-chome, Nishi-ku, Nagoya-shi, Aichi 451 (JP). **YOSHIHARA, Kyoko** [JP/JP]; Tomey Technology Corporation, 11-33, Noritakeshimachi 2-chome, Nishi-ku, Nagoya-shi, Aichi 451 (JP).

(74) **NAKASHIMA, Michio** et al. / etc.; Sohwa Patent Office, Toyo-Building, 14-16, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450 (JP).

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

(11) **WO 98/20913** (13) A1

(21) PCT/US97/19559

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 60/031,808 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61L 2/18

(54) METHOD FOR PROVIDING RAPID DISINFECTION OF CONTACT LENSES
PROCEDE DE DECONTAMINATION RAPIDE DES LENTILLES DE CONTACT

(71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

(72) **LEVER, Andrea, M.**; 14 Fenimore Drive, Pittsford, NY 14534 (US). **LEVER, O., William, Jr.**; 14 Fenimore Drive, Pittsford, NY 14534 (US).

(74) **KONKOL, Chris, P.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE ES FI GB HU IL JP KE KG KP KR MD MK MN MW NO NZ PL PT RU SE SI SK TJ TR TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/20914** (13) A1

(21) PCT/EP97/06138

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 46 024.7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61L 2/24, 2/26

(54) METHOD AND DEVICE FOR STERILIZING MEDICAL INSTRUMENTS
PROCEDE ET DISPOSITIF DE STERILISATION D'INSTRUMENTS MEDICAUX

(71) **ALGE HIGH FUTURE GESELLSCHAFT MBH** [AT/AT]; Höchsterstrasse 5, A-6890 Lustenau (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BISCHOF, Thomas** [AT/AT]; Im Dorf 8, A-6900 Bregenz (AT).

(74) **RIEBLING, Peter**; Postfach 3160, D-88113 Lindau (DE).

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

Published / Publiée : (c)

(11) **WO 98/20915** (13) A1

(21) PCT/FR97/01990

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) fr (26) fr

(31) 96/13813 (32) **13 Nov/nov 1996 (13.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61L 15/18, 15/46

(54) SUPERABSORBENT COMPOSITION FOR HYGIENE ARTICLES FREE FROM UNPLEASANT SMELLS
COMPOSITION SUPERABSORBANTE POUR ARTICLES D'HYGIENE NE DEVELOPPANT PAS D'ODEURS INCOMMODANTES

(71) **CECA 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) **GANCET, Christian** [FR/FR]; 4, rue de la Digue, F-64140 Lons (FR). **NICOLAS, Serge** [FR/FR]; 1, rue du Bosquet, F-64140 Lons (FR). **TAUPIN, Yves** [FR/FR]; 8, rue Déodat de Séverac, F-75017 Paris (FR).

(74) **HAICOUR, Philippe**; Elf Atochem S.A., Dépt. Propriété Industrielle, Cours Michelet - La Défense 10, F-92091 Paris La Défense Cedex (FR).

(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 SL 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 TD TG).

(11) **WO 98/20916** (13) A1

(21) PCT/US96/18079

(22) **14 Nov/nov 1996 (14.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61L 15/46, 15/60

(54) ANTIMICROBIAL-COATED HYDROGEL FORMING ABSORBENT POLYMERS
POLYMERES ABSORBANTS ENDUITS D'AGENTS ANTIMICROBIENS ET PERMETTANT D'OBTENIR DES HYDROGELS

(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) **HSUEH, Kesyin, Fugger** [-/JP]; 305, 4-17-15, Kitaogi, Higashinada-ku, Kobe 658 (JP). **KIM, Sang-Tae** [US/JP]; 2506, 5-11-501, Koyo-cho Naka, Higashinada-ku, Kobe 658 (JP). **NAKAMURA, Reiko** [JP/JP]; 4-17-101, Koshienguchi 1-chome, Nishinomiya, Hyogo 663 (JP). **SHIMIZU, Motohiro** [JP/JP]; 303, 5-5, Hazetsuka-cho, Nishinomiya, Hyogo 658 (JP). **REZAI, Ebrahim** [US/JP]; 5-15-1302, Koyo-cho Naka, Higashinada-ku, Kobe 658 (JP).

(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 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 (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 98/20917** (13) A2

(21) PCT/US97/20569

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/746,327 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M

(54) HYDROPHILIC POLYSTYRENE GRAFT COPOLYMER VEHICLE FOR INTRAVAGINAL ADMINISTRATION OF PHARMACOLOGICALLY ACTIVE AGENTS
VEHICULE COPOLYMER GREFFE DE POLYSTYRENE HYDROPHYLE UTILISE POUR L'ADMINISTRATION INTRAVAGINALE D'AGENTS PHARMACO-ACTIFS

(71, 72) **SHAH, Kishore** [US/US]; 568 Cabot Hill Road, Bridgewater, NJ 08807 (US).

(74) **BIRD, Nancy**; 474 Richmond Avenue, Maplewood, NJ 07040 (US).

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

(11) **WO 98/20918** (13) A1

(21) PCT/US97/20861

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/747,852 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 1/36, 5/168

(54) METHOD AND APPARATUS FOR OCCLUSION MONITORING USING PRESSURE WAVEFORM ANALYSIS
PROCEDE ET APPAREIL DE SURVEILLANCE DES OCCLUSIONS PAR ANALYSE DES ONDES DE FORME DE PRESSION

(71) **COBE LABORATORIES, INC.** [US/US]; 1185 Oak Street, Lakewood, CO 80215 (US).

(72) **GORDON, Timothy, M.**; 8072 S. Zephyr Street, Littleton, CO 80123 (US). **SCOVILL, Stephen, K.**; 24035 High Meadow Drive, Golden, CO 80401 (US). **FLETCHER-HAYNES, Peter**; 81 Saddle Horn Lane, Bailey, CO 80421 (US). **MARTIN, Scott**; 2727 S. Braun Court, Lakewood, CO 80228 (US).

(74) **O'CONNOR, Edna, M.**; 1201 Oak Street, Lakewood, CO 80215 (US).

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

Published / Publiée : (c)

(11) **WO 98/20919** (13) A1

(21) PCT/EP97/06259

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 47 701.8 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 5/00

(54) DEVICE TO OBTAIN CONSTANT DENSITY OF CONTRAST AGENTS IN TISSUES AND ORGANS
DISPOSITIF POUR L'OBTENTION DE DENSITES CONSTANTES D'AGENTS DE CONTRASTE DANS DES TISSUS ET ORGANES

(71) **SCHERING AG** [DE/DE]; D-13342 Berlin (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAUSE, Werner** [DE/DE]; Turmfalkenstrasse 39a, D-13505 Berlin (DE). **SPECK, Ulrich** [DE/DE]; Fürstendamm 20, D-13465 Berlin (DE).

(74) **SCHERING AG**; D-13342 Berlin (DE).

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

Published / Publiée : (c)

(11) **WO 98/20920** (13) A2

(21) PCT/US97/20122

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/748,230 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/748,258 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 5/145

(54) PREFILLABLE SYRINGES, PLUNGERS AND INJECTORS FOR USE THEREWITH
SERINGUES PREREMPLISSABLES, ET PISTONS ET INJECTEURS CONVENANT A DE TELLES SERINGUES

(71) **MEDRAD, INC.** [US/US]; One Medrad Drive, Indianola, PA 15051 (US).

(72) **HITCHINS, Mark, W.**; 329 Chestnut Street, Sewickley, PA 15143 (US). **RHINEHART, Edward, J.**; 1780 McClure Road, Monroeville, PA 15146 (US). **REILLY, David, M.**; 2318 Middle Road, Glenshaw, PA 15116 (US). **MCCOPPIN, Anthony, S.**; 830 Pittsburgh Road, Butler, PA 16002 (US). **DUFALLA, Thomas, L.**; 109 Saratoga Drive, McMurray, PA 15317 (US). **MASARIK, Robert, J.**; 1013 Carlisle Street, Natrona Heights, PA 15065 (US).

(74) **BRADLEY, Gregory, L.**; Medrad, Inc., One Medrad Drive, Indianola, PA 15051 (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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20921** (13) A1

(21) PCT/SE97/01876

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9604162-9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 5/19, 5/31

(54) MEMBRANE AND A CHAMBER OF A DRUG DELIVERY DEVICE
MEMBRANE ET CHAMBRE POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENT

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE). **DANAPAK FLEXIBEL A/S** [DK/DK]; Sivlandvaenget 3, DK-5260 Odense S (DK).

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

(72, 75) **FRIIS, Jürgen** [DK/DK]; Teglbacken 19, DK-5690 Tommerup (DK). **HORPPU, Petri** [SE/SE]; Paradisgatan 18, S-413 16 Göteborg (SE).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/20922** (13) A1

(21) PCT/AU97/00760

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) PO 3635 (32) **14 Nov/nov 1996 (14.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 5/32, 5/50

(54) NEEDLE SUPPORT ASSEMBLY
ENSEMBLE DE SUPPORT D'AIGUILLE

(71) **EASTLAND TECHNOLOGY AUSTRALIA PTY. LTD.** [AU/AU]; Unit 4, 50 Achievement Way, Wangara, W.A. 6065 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHISSON, Maxwell, Edmund** [AU/AU]; 15 Loftus Street, Nedlands, W.A. 6009 (AU).

(74) **HARWOOD, Errol, John** et al. / etc.; Wray & Associates, 239 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20923** (13) A1

(21) PCT/US97/20646

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,997 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 5/50, 5/32(54) SYRINGE WITH RETRACTABLE NEEDLE ASSEMBLY
SERINGUE A ENSEMBLE AIGUILLE RETRACTABLE(71) **ADVENTEC, INC.** [US/US]; 4 Union Street, Medford, NJ 08055 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **ADAMS, Robert, D.** [US/US]; 2 Meetinghouse Court, Shamong, NJ 08088 (US).(74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., 400 One Penn Center, 1617 John F. Kennedy Boulevard, 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 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).

Published / Publiée : (c)

(11) **WO 98/20924** (13) A1

(21) PCT/US97/20632

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/749,228 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 15/08, 16/00, A62B 7/00, 9/06(54) NASAL AND ORAL AIR PASSAGEWAY DELIVERY MANAGEMENT APPARATUS
APPAREIL DE REGULATION DE L'APPORT D'AIR RESPIRATOIRE NASAL ET ORAL(71, 72) **GOLDSTEIN, Joseph** [US/US]; Suite M, 1515 Palisades Drive, Pacific Palisades, CA 90272 (US).

(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 98/20925** (13) A1

(21) PCT/US97/20559

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/745,704 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 16/00(54) ANESTHESIA TUBE ASSEMBLY
ENSEMBLE POUR TUBE D'ANESTHESIE(71) **PAR MEDICAL, INC.** [US/US]; 7687 Winton Drive, Indianapolis, IN 46268 (US).(72) **ROSENKOETTER, Terry, G.**; 2212 Running Brook Place, Greenwood, IN 46202 (US).
RICHMOND, Robert, D.; 5001 Sommerset Lane, Zionsville, IN 46077 (US).
HARTNETT, Richard, B.; 9870 Deerfield Lane, McCordsville, IN 46055 (US).(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, 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 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).

Published / Publiée : (c)

(11) **WO 98/20926** (13) A1

(21) PCT/SE97/01861

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9604170-2 (32) **14 Nov/nov 1996 (14.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 16/01(54) A DEVICE AND METHOD FOR RECOVERING ANAESTHETIC DURING THE USE OF INHALED ANAESTHETICS
DISPOSITIF ET PROCEDURE PERMETTANT DE RECUPERER UN ANESTHESIANANT LORS DE L'UTILISATION D'ANESTHESIANANTS PAR INHALATION(71) **LOUIS GIBECK AB** [SE/SE]; P.O. Box 711, S-194 27 Upplands Väsby (SE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **LAMBERT, Hans** [SE/SE]; Odengatan 43, S-113 51 Stockholm (SE).(74) **KARLSSON, Leif**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

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

(11) **WO 98/20927** (13) A1

(21) PCT/IL96/00148

(22) **12 Nov/nov 1996 (12.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 29/00(54) THE OPTIMUM EXPANDABLE STENT MECHANICAL MODEL AND ITS APPLICATION
MODELE MECANIQUE DE TUTEUR A EXTENSION OPTIMALE ET SON APPLICATION(71, 72) **VOINOV, Valerian** [IL/IL]; Bar-Yohai Street 52/58, 93345 Jerusalem (IL).
PEKARSKY, Michael [IL/IL]; Shahal Street 71/11, 93721 Jerusalem (IL).

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

Published / Publiée : (a)

(11) **WO 98/20928** (13) A1

(21) PCT/US97/21824

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/751,999 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 29/00(54) ENDOPROSTHETIC DEVICE WITH THERAPEUTIC COMPOUND
DISPOSITIF ENDOPROTHETIQUE CONTENANT UN COMPOSE THERAPEUTIQUE(71) **QUANAM MEDICAL CORPORATION** [US/US]; 2255 Martin Avenue, STE. F, Santa Clara, CA 95050 (US).(72) **PHAN, Loc**; 1197 Fargate Circle, San Jose, CA 95131 (US).
STERTZER, Simon; 396 Raymond Drive, Woodside, CA 94062 (US).
FROIX, Michael; 3433 Woodstock Lane, Mountain View, CA 94040 (US).(74) **MOHR, Judy, M.** et al. / etc.; Dehlinger & Associates, LLP, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/20929** (13) A1

(21) PCT/US97/20629

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,295 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61M 29/02(54) BALLOON CATHETER WITH MULTIPLE DILATATION CAPACITIES
CATHETER A BALLONNET A CAPACITE DE DILATATION VARIABLE(71) **LEOCOR, INC.** [US/US]; 603 Queensbury Avenue, Queensbury, NY 12804 (US).(72) **WLJAY, Bandula**; Suite 101, 1301 Regent's Park Drive, Houston, TX 77058 (US).(74) **ROSENBLATT, Steve**; Rosenblatt & Redano, P.C., Suite 500, One Greenway Plaza, Houston, TX 77046 (US).

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

Published / Publiée : (a)

(11) **WO 98/20930** (13) A1

(21) PCT/US97/20480

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,481 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

- (51)⁶ A61M 31/00
- (54) OSMOTIC DELIVERY SYSTEM AND METHOD FOR ENHANCING START-UP AND PERFORMANCE OF OSMOTIC DELIVERY SYSTEMS
DISPOSITIF D'ADMINISTRATION OSMOTIQUE ET PROCÉDE POUR AMÉLIORER SON DEMARRAGE ET SON EFFICACITÉ
- (71) **ALZA CORPORATION** [US/US]; 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US).
- (72) **DIONNE, Keith, E.**; 4 Hancock Park, Cambridge, MA 02139 (US). **LAUTENBACH, Scott, D.**; 466 23rd Avenue, Forest Lake, MN 55025 (US). **EFTIMIE, Antoaneta, C.**; 1639 Canna Lane, San Jose, CA 95124 (US). **LY, Kevin, S.**; 828 Saraband Way, San Jose, CA 95122 (US).
- (74) **CLARKE, Pauline, A.** et al. / etc.; Alza Corporation, 950 Page Mill Road, P.O. Box 10950, Palo Alto, CA 94303-0802 (US).
- (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).
- Published / Publiée : (c)
-
- (11) **WO 98/20931** (13) A1
- (21) PCT/US97/20653
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 60/030,942 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61M 31/00
- (54) DEVICES AND METHODS FOR APPLYING A MIXTURE OF TWO OR MORE LIQUID COMPONENTS TO FORM A BIOMATERIAL
DISPOSITIFS ET PROCÉDES UTILISES POUR APPLIQUER UN MELANGE DE DEUX COMPOSANTS LIQUIDES OU D'AVANTAGE POUR FORMER UN BIOMATERIAU
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; 100 Headquarters Park Drive, Skillman, NJ 08558 (US).
- (72) **HOLM, Niels, Erik**; Julemosevej 10B, DK-3460 Birkerød (DK). **LINNEBJERG, Steven**; Sgrøvej 16, DK-3320 Skaevinge (DK). **CORNWELL, Richard**; 16 Alder Avenue, Aston Park, Deeside, Flintshire (GB).
- (74) **FURMAN, Theodore, R., Jr.**; Bristol-Myers Squibb Company, 100 Headquarters Park Drive, Skillman, NJ 08558 (US).
- (81) AL AT AU BB BG BR CA CN CZ EE ES GE HU IL IS JP KP KR LC LK LR LS LT LV MG MN MW MX NO NZ PL PT RO RU SG SI SK TR TT UA 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 98/20932** (13) A2
- (21) PCT/US97/20946
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 60/030,833 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (31) 60/037,024 (32) **31 Jan/jan 1997 (31.01.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61N
- (54) CONDITIONING FOR ALLOGENEIC STEM CELL TRANSPLANTATION
PRÉPARATION A UNE GREFFE DE CELLULES SOUCHES ALLOGENIQUE
- (71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US). **HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD.** [IL/IL]; Kiryat Hadassah, P.O. Box 12000, 91120 Jerusalem (IL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SLAVIN, Shimon** [IL/IL]; 21 HaOren Street, Ein Karem, 95744 Jerusalem (IL).
- (74) **ELLINGER, Mark, S.** et al. / etc.; Fish & Richardson P.C., P.A., 60 South Sixth Street, Suite 3300, 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 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 98/20933** (13) A1
- (21) PCT/SE97/01862
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) en (26) en
- (31) 9604143-9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61N 1/05
- (54) IMPLANTABLE ELECTRODE LEAD
CONDUCTEUR D'ELECTRODE IMPLANTABLE
- (71) **PACSETTER AB** [SE/SE]; S-175 84 Järfälla (SE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LINDEGREN, Ulf** [SE/SE]; Dalgårdsvägen 34, S-121 33 Enskede (SE).
- (74) **PACSETTER AB**; Patent Dept., Att.: Kalling Sven, S-175 84 Järfälla (SE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20934** (13) A1
- (21) PCT/US97/20059
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 08/747,513 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61N 1/36
- (54) CRURAL DIAPHRAGM PACEMARKER AND METHOD FOR TREATING ESOPHAGEAL REFLUX DISEASE
STIMULATEUR DU DIAPHRAGME CRURAL ET PROCÉDE DE TRAITEMENT DU REFLUX OESOPHAGIEN
- (71) **UNIVERSITY OF VIRGINIA** [US/US]; Towers Office Building, Suite 1-110, 1223 West Main Street, Charlottesville, VA 22903 (US).
- (72) **MITTAL, Ravinder, K.**; 2150 Anderson Lane, Charlottesville, VA 22901 (US). **ROSS, Robert**; 1621 Mulberry Avenue, Charlottesville, VA 22903 (US). **LIU, Jiannim**; 488-1 Farrish Circle, Charlottesville, VA 22903 (US). **SCHIRMER, Bruce**; 1212 Herold Circle, Charlottesville, VA 22901 (US).
- (74) **WHITHAM, Michael, E.**; Whitham, Curtis, Whitham & McGinn, Reston International Center, Suite 900, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/20935** (13) A1
- (21) PCT/US97/20330
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) en (26) en
- (31) 08/746,467 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61N 5/00
- (54) TWO-STAGE TREATMENT WIRE
FIL DE TRAITEMENT EN DEUX PARTIES
- (71) **GUIDANT CORPORATION** [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).
- (72) **BRADSHAW, Anthony, J.**; 2938 Kennesaw, Missouri City, TX 77479 (US). **BUECHE, Kenneth, M.**; 213 Saint Cloud, Friendswood, TX 77546 (US).
- (74) **BARZOUKAS, Nicolas, G.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 98/20936** (13) A1
- (21) PCT/US97/20457
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) en (26) en
- (31) 08/748,380 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ A61N 5/00
- (54) PHOTOEMITTING CATHETERS AND OTHER STRUCTURES SUITABLE FOR USE IN PHOTO-DYNAMIC THERAPY AND OTHER APPLICATIONS
CATHETERS PHOTO-EMETTEURS ET AUTRES STRUCTURES ADEQUATES POUR L'UTILISATION EN THERAPIE PHOTODYNAMIQUE ET DANS D'AUTRES DOMAINES
- (71) **SPECTRA SCIENCE CORPORATION** [US/US]; 155 South Main Street, Providence, RI 02905 (US).
- (72) **LAWANDY, Nabil, M.**; 70 Ogden Street, Providence, RI 02906 (US).
- (74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).

(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 98/20937** (13) A2

(21) PCT/CA97/00852

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623627.8 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB

(31) 08/892,857 (32) **15 Jul/juillet 1997 (15.07.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A61N 5/10

(54) METHOD AND APPARATUS FOR PHOTON THERAPY
PROCEDE ET APPAREIL POUR THERAPIE PHOTONIQUE

(71) **MEDITECH INTERNATIONAL INC.** [CA/CA]; Suite 1908, 65 Harbour Square, Toronto, Ontario M5J 2L4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN ZUYLEN, Jeffrey** [CA/CA]; 1368 Glen Rutley Circle, Mississauga, Ontario L4X 1Z6 (CA).
KAHN, Fred [CA/CA]; Suite 1908, 65 Harbour Square, Toronto, Ontario M5J 2L4 (CA).
CAMPBELL, Iain [CA/CA]; 520 Second Street West, Owen Sound, Ontario N4K 6G6 (CA).
STOUTE, Christopher, L., M. [CA/CA]; 46 Revcoe Drive, City of North York, Ontario M2M 2B8 (CA).

(74) **ORANGE, John, R., S.** et al. / etc.; Suite 3600, Toronto Dominion Bank Tower, 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20938** (13) A1

(21) PCT/US97/20378

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,371 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A62B 18/10, 18/02

(54) HEART FAILURE TREATMENT METHOD REQUIRING SET NEGATIVE INTRATHORACIC PRESSURE
PROCEDE DE TRAITEMENT DES INSUFFISANCES CARDIAQUES NECESSITANT UNE PRESSION INTRATHORACIQUE NEGATIVE DEFINIE

(71) **CPRx, INC.** [US/US]; 4751 Girard Avenue South, Minneapolis, MN 55409 (US).

(72) **LURIE, Keith, G.**; 4751 Girard Avenue South, Minneapolis, MN 55409 (US).

(74) **GIBBY, Darin, J.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/20939** (13) A2

(21) PCT/US97/20874

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,429 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 08/903,455 (32) **30 Jul/juillet 1997 (30.07.1997)** (33) US

(31) 60/056,624 (32) **20 Aug/Août 1997 (20.08.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A62L 27/00

(54) BIOMATERIAL SYSTEM FOR *IN SITU* TISSUE REPAIR
SYSTEME DE MATERIAUX BIOCOMPATIBLES POUR LA REPARATION *IN SITU* DE TISSUS

(63) US 08/749,429 (CIP)
15 Nov/nov 1996 (15.11.1996)
US 08/903,455 (CIP)
30 Jul/juillet 1997 (30.07.1997)
US 60/056,624 (CIP)
20 Aug/Août 1997 (20.08.1997)

(71) **ADVANCED BIO SURFACES, INC.** [US/US]; Suite 550, 5909 Baker Road, Minnetonka, MN 55345 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FELT, Jeffrey, C.** [US/US]; 4800 Lodge Lane, Greenwood, MN 55331 (US).
RYDELL, Mark, A. [US/US]; 516 Turnpike Road, Golden Valley, MN 55416 (US).
ZDRAHALA, Richard, A. [US/US]; 6825 Stonewood Court, Eden Prairie, MN 55346 (US).
ARSENYEV, Alexander [RU/US]; 1845 Turquoise Trail, Eagan, MN 55122 (US).

(74) **GOLDMAN, Philip, M.** et al. / etc.; Fredrikson & Byron, P.A., 1100 International Centre, 900 Second 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20940** (13) A1

(21) PCT/AU97/00768

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) PO 3569 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63B 53/04, 53/08

(54) A GOLF CLUB
CANNE DE GOLF

(71) **MARIS, Margaret, Hazel** (heirress of the deceased inventor / héritière de l'inventeur décédé) [AU/AU]; 5 Hood Terrace, Sorrento, W.A. 6020 (AU).
(only for / seulement pour US)

(71) **MARIS, Paul, John, Michael** [AU/AU]; 5 Hood Terrace, Sorrento, W.A. 6020 (AU).
ZUVELA, Tayrene, Margaret [AU/AU]; 132 Goollelal Drive, Kingsley, W.A. 6026 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72) **MARIS, Thomas** (deceased / décédé).

(74) **CLARK, David, Gerard**; Griffith Hack, 6th floor, 256 Adelaide Terrace, Perth, W.A. 6000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/20941** (13) A1

(21) PCT/GB97/02967

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 9623282.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63B 53/04

(54) IMPROVED STRIKING MEANS
MOYEN D'ATTAQUE AMELIORE

(71, 72) **PARKINSON, David** [GB/GB]; Transec Services, Unit 8, Clifton Forge Business Park, Forge Hill Lane, Knottingley, West Yorkshire WF11 6HH (GB).

(74) **WILLIAM JONES (YORK)**; The Crescent, 54 Blossom Street, York YO2 2AP (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 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 98/20942** (13) A1

(21) PCT/EP97/06224

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 46 466.8 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(31) 97115968.6 (32) **13 Sep/sep 1997 (13.09.1997)** (33) EP

(34) DE et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63B 69/36, A63C 19/10

(54) GOLF COURSE
TERRAIN DE GOLF

(71) **SWG SÜDWEST-GOLF BETEILIGUNGS-SELLSCHAFT MBH** [DE/DE]; Falkenstrasse 5, D-89287 Bellenberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHNELL, Werner** [DE/DE]; Falkenstrasse 5, D-89287 Bellenberg (DE). **KUHN, Hans** [DE/DE]; Klostersteige 47, D-89275 Oberelchingen (DE).

(74) **PFISTER, Helmut** et al. / etc.; Pfister & Pfister, Herrenstrasse 11, D-87700 Memmingen (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 98/20943** (13) A1

(21) PCT/EP97/06286

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 46 822.1 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63B 69/36

(54) **GOLF CLUB CLUB DE GOLF**

(71, 72) **BACHOR, Edith** [DE/DE]; Golfplatz Attighof, An der Kreisstrasse 365, D-35647 Waldsolms (DE).

(74) **KNOBLAUCH, Andreas** et al. / etc.; Kühnhornshofweg 10, D-60320 Frankfurt (DE).

(81) AU CA CN CZ JP NO NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/20944** (13) A1

(21) PCT/US97/21828

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/746,672 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(31) 08/806,383 (32) **27 Feb/fév 1997 (27.02.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63B 69/36

(54) **BALLISTIC IMPELLER GOLF CLUB CLUB DE GOLF DONNANT UNE IMPULSION BALISTIQUE**

(71) **CENTERFIRE GOLF CORPORATION** [US/US]; 38940 Cherry Court, Fremont, CA 94536-4228 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAYLOR, Roy, H.** [US]; 38940 Cherry Court, Fremont, CA 94536-4228 (US).

(74) **BROOKS, Kenneth, C.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20945** (13) A1

(21) PCT/US96/18571

(22) **15 Nov/nov 1996 (15.11.1996)**

(25) en (26) en

(31) 08/746,681 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63C 17/06

(54) **SKATE WITH ANGULARLY MOUNTED WHEELS PATIN A ROUES MONTEES DE MANIERE ANGULAIRE**

(71) **V-FORMATION, INC.** [US/US]; Suite 400-03, 377 Route 17 South, Hasbrouck Heights, NJ 07604-3007 (US).

(72) **COLONESE, Joseph, Jr.**; 31 Minnehaha Path, Lincoln Park, NJ 07035 (US). **DELIA, Michael, S.**; Apartment L24, 209 Comly Road, Lincoln Park, NJ 07035 (US).

(74) **HARBULAK, Stephen, J.** et al. / etc.; Pennie & Edmonds, 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 FI GE HU IL IS JP KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TR TT UA UZ VN; AP (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 98/20946** (13) A1

(21) PCT/US97/20332

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/749,538 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63D 1/04

(54) **BOWLING LANE SURFACES SURFACES DE PISTES DE JEU DE QUILLES**

(63) US 08/749,538 (CIP)
15 Nov/nov 1996 (15.11.1996)

(71, 72) **VOSS, Brian, C.** [US/US]; 340 Bayon Brook Pointe, Roswell, GA 30076 (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 AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (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 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 98/20947** (13) A1

(21) PCT/AU97/00765

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) PO 3513 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63F 1/00

(54) **GAMBLING PAYOUT PAIEMENT POUR JEUX DE HASARD**

(71, 72) **RHODES, John** [AU/AU]; 66 Tallai Road, Tallai, QLD 4213 (AU). **MCCAFFERTY, Kenneth, John** [AU/AU]; Cedarwood Crescent, Robina, QLD 4226 (AU).

(74) **PIZZEYS PATENT & TRADE MARK ATTORNEYS**; Level 3, 142 Bundall Road, Bundall, QLD 4217 (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 98/20948** (13) A1

(21) PCT/US97/20775

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/748,886 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63F 3/00

(54) **BOARD GAME FOR TEACHING FUNDAMENTAL ASPECTS OF PERSONAL FINANCE, INVESTING AND ACCOUNTING JEU DE TABLE SERVANT A ENSEIGNER LES PRINCIPES FONDAMENTAUX DE LA GESTION FINANCIERE DOMESTIQUE, DES INVESTISSEMENTS, ET DE LA COMPTABILITE**

(71) **CASHFLOW TECHNOLOGIES, INC.** [US/US]; Suite 209, 1135 Terminal Way, Reno, NV 89502 (US).

(72) **KIYOSAKI, Robert, T.**; 1809 E. Lane Avenue, Phoenix, AZ 85020 (US). **PARTA, Rolf, H.**; 5214 W. Sunnyside Drive, Glendale, AZ 85304 (US).

(74) **LECHTER, Michael, A.** et al. / etc.; Squire, Sanders & Dempsey L.L.P., Two Renaissance Square, Suite 2700, 40 North Central Avenue, Phoenix, AZ 85004-4424 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/20949** (13) A1

(21) PCT/AU97/00759

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) PO 3595 (32) **13 Nov/nov 1996 (13.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63F 3/06, 9/22, 9/24, G06F 19/00, 155/00, 161/00

(54) GAMING MACHINE
MACHINE DE JEU

(71) **ARISTOCRAT LEISURE INDUSTRIES PTY. LTD.** [AU/AU]; 85-113 Dunning Avenue, Rosebery, NSW 2018 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNETT, Nicholas, Luke** [AU/AU]; 28 Quinlan Parade, Manly Vale, NSW 2093 (AU).

(74) **F. B. RICE & CO.**; 28A Montague Street, Balmain, NSW 2041 (AU).

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

(11) **WO 98/20950** (13) A1

(21) PCT/AU97/00748

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) PO 3558 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63G 3/06

(54) SUBMARINE AMUSEMENT RIDE
ATTRACTION SOUS-MARINE

(71) **UNDERWATER MOBILE OBSERVATORIES INTERNATIONAL PTY. LTD.** [AU/AU]; 3rd floor, Kaybank Plaza, 33 Scarborough Street, Southport, QLD 4215 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOFTS, Peter, Anthony** [AU/AU]; Unit 71, Atlantis East, 2 Admiralty Drive, Paradise Waters, QLD 4217 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/20951** (13) A2

(21) PCT/CH97/00430

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) fr (26) fr

(31) 2798/96 (32) **13 Nov/nov 1996 (13.11.1996)** (33) CH

(31) 675/97 (32) **20 Mar/mar 1997 (20.03.1997)** (33) CH

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ A63H 27/00

(54) INFLATABLE PLASTIC OR RUBBER BALLOONS WITH LETTER AND LOGO FORMAT AND THE LIKE
BALLONS GONFLABLES EN PLASTIQUE CAOUTCHOUC FORMAT LETTRE LOGO ETC.

(71, 72) **AZOO, Adel** [CH/CH]; 5, chemin de Versoix-la-Ville, CH-1290 Versoix (CH).

(81) AU BR CA CN JP MX NO NZ RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/20952** (13) A1

(21) PCT/US97/21103

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/748,661 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01D 3/00, 3/10, 3/42

(54) METHOD AND APPARATUS FOR VACUUM DISTILLATION OF SOLVENTS
PROCEDE ET APPAREIL DE DISTILLATION SOUS VIDE DE SOLVANTS

(71) **LUBRICATIONS SYSTEMS COMPANY** [US/US]; 1740 Stebbins Drive, Houston, TX 77043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COX, Jeffery, David** [US/US]; 13702 Oleoke Lane, Houston, TX 77015 (US). **MARTIN, Robert, Grayson** [US/US]; 1906 Running Bear Trail, Crosby, TX 77532 (US).

(74) **FISHER, Stanley, P.** et al. / etc.; Suite 1400, 3110 Fairview Park Drive, Falls Church, VA 22042 (US).

(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 98/20953** (13) A1

(21) PCT/US97/21817

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,117 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01D 17/028

(54) CONTAINER FOR SEPARATING AND DISPENSING FLUIDS
RECIPIENT SERVANT A SEPARER ET DISTRIBUER DES FLUIDES

(71, 72) **LOWERY, James, D., Jr.** [US/US]; 2525 Latimer Avenue, Jackson, MS 39209 (US).

(74) **SIEBERTH, John, F.** et al. / etc.; John F. Sieberth & Associates, Suite A, 8170 Goodwood Boulevard, Baton Rouge, LA 70806 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/20954** (13) A1

(21) PCT/US97/18726

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/747,277 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01D 17/06, C10M 175/04

(54) AN APPARATUS FOR AUGMENTING THE COALESCENCE OF A COMPONENT OF AN OIL/WATER MIXTURE
APPAREIL DESTINE A ACCROITRE LA COALESCENCE D'UN COMPOSANT D'UN MELANGE HUILE/EAU

(71) **NATIONAL TANK COMPANY** [US/US]; Suite 750, 2950 North Loop West, Houston, TX 77092 (US).

(72) **MANNING, Dennis, K.**; 2036 South East Thousand Oaks Drive, Claremore, OK 74017 (US).

(74) **JOHNSON, Paul, H.**; Head, Johnson & Kachigian, 228 West 17th Place, Tulsa, OK 74119 (US).

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

(11) **WO 98/20955** (13) A1

(21) PCT/US97/21184

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/746,577 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01D 17/06, 17/12

(54) WYE CONNECTOR WITH ELECTRODE ELEMENTS FOR DISINFECTING
CONNEXION EN Y COMPORTANT DES ELECTRODES DE DESINFECTION

(71) **CW TECHNOLOGIES, INC.** [US/US]; 30 Liberty Ship Way, Sausalito, CA 94965 (US).

(72) **FIELDS, Howard, J.**; 30 Liberty Ship Way, Sausalito, CA 94965 (US).

(74) **LAMPE, Thomas, R.**; Bielen, Peterson & Lampe, Suite 720, 1990 N. California Boulevard, Walnut Creek, CA 94596 (US).

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

- (11) **WO 98/20956** (13) A1
(21) PCT/US97/20626
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 08/754,098 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01D 24/04, 35/30
(54) WATER FILTRATION TECHNIQUE USING GRANULAR MEDIA
TECHNIQUE DE FILTRAGE DE L'EAU A L'AIDE DE MILIEUX GRANULAIRES
- (71) **PERFORMANCE POOL PRODUCTS, LTD.** [US/US]; P.O. Box 440372, Aurora, CO 80042-0372 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COHEN, Joseph, D.** [US/US]; 12723 E. Asbury Circle #202, Aurora, CO 80014 (US).
- (74) **BURTON, Carol, W.** et al. / etc.; Holland & Hart LLP, Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (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 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).
- Published / Publiée : (c)
-
- (11) **WO 98/20957** (13) A1
(21) PCT/US97/21787
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,432 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01D 25/00
(54) INTEGRATED CARDIOTOMY AND VENOUS BLOOD RESERVOIR
RESERVOIR EN UN BLOC POUR CARDIOTOMIE ET SANG VEINEUX
- (71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).
- (72) **RANERI, Joseph, J.**; 61 New Jersey Road, Tewksbury, MA 01876 (US). **BUCKLER, Kenneth, E.**; 9A Combination Street, Methuen, MA 01844-7705 (US). **STANLEY, Charles, L.**; 5 Woodridge Lane, Amesbury, MA 01913 (US). **INTOCCLIA, Alfred, P.**; 6541 Haverhill Trail, Eden Prairie, MN 55346 (US).
- (74) **EDGELL, G., Paul** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20958** (13) A1
(21) PCT/US97/20274
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) en (26) en
- (31) 9623727.6 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01D 33/06
(54) ZONED PRESSURE SCREEN
EPURATEUR SOUS PRESSION DOTE DE ZONES
- (71) **THERMO BLACK CLAWSON INC.** [US/US]; 605 Clark Street, P.O. Box 160, Middletown, OH 45042 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PIMLEY, John, J.** [GB/GB]; 57 Hillcrest, New Inn, Pontypool, Gwent NP4 0NQ (GB).
- (74) **HENDERSON, Gilbert, N.** et al. / etc.; Biebel & French, 2500 Kettering Tower, Dayton, OH 45423 (US).
- (81) BR CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20959** (13) A1
(21) PCT/SE97/01763
(22) **22 Oct/oct 1997 (22.10.1997)**
(25) en (26) en
(31) 9604088-6 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01D 33/21
(54) METHOD AND DEVICE FOR SEPARATING FINE PARTICLES FROM WHITE WATER
PROCEDE ET DISPOSITIF POUR SEPARER LES FINES PARTICULES CONTENUES DANS DE L'EAU BLANCHE
- (71) **ALFA LAVAL AB** [SE/SE]; Hans Stahles väg, S-147 80 Tumba (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSSON, Roine** [SE/SE]; Aspvägen 8, S-175 64 Järfälla (SE). **RUNDQVIST, Lars-Göran** [SE/SE]; Hyggesvägen 12, S-147 52 Tumba (SE).
- (74) **SVENSSON, Else-Marie**; Alfa Laval AB, S-147 80 Tumba (SE).
- (81) BR CA ID JP KR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20960** (13) A1
(21) PCT/US97/20285
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 60/030,142 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01D 39/00
(54) HYDROPHILIC POLYMERIC PHASE INVERSION MEMBRANE
MEMBRANE POLYMERE ET HYDROPHILE D'INVERSION DE PHASE
- (71) **WHATMAN, INC.** [US/US]; 4440 Warrensville Center Road, Cleveland, OH 44128-2837 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSOU, Dean, T.** [US/US]; 32800 Aspen Glen Drive, Solon, OH 44139 (US).
- (74) **PHILLIPS, Sue Ellen** et al. / etc.; Fay, Sharpe, Beall, Fagan, Minnich & McKee, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).
- (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20961** (13) A1
(21) PCT/GB97/03043
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 196 47 074.9 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE
(31) 196 47 043.9 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01D 46/52
(54) AIR FILTER
FILTRATION D'AIR
- (71) **McLEOD RUSSEL HOLDINGS PLC** [GB/GB]; Suite Two Hitching Court, Blacklands Way, Abingdon Business Park, Abingdon, Oxon OX14 1RG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RÖHE, Werner** [DE/DE]; Essener Strasse 4, D-41564 Kaarst (DE). **SCHULZ, Rainer** [DE/DE]; Am Blumenhaus 76, D-45549 Sprockhövel (DE).
- (74) **SHAW, Laurence**; Laurence Shaw & Associates, Metropolitan House, 5th floor, 1 Hagley Road, Edgbaston, Birmingham B16 8TG (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 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 98/20962** (13) A1
(21) PCT/NL97/00614
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) nl (26) en
(31) 1004489 (32) **11 Nov/nov 1996 (11.11.1996)** (33) NL
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01D 65/08, 61/02
(54) FILTRATION MEMBRANE MODULE
MODULE A MEMBRANES DE FILTRATION
- (71) **X-FLOW B.V.** [NL/NL]; Bedrijvenpark Twente 289, NL-7602 KK Almelo (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOENHEN, Dirk, Marinus** [NL/NL]; Noord Stegeren 42, NL-7701 RS Dedemsvaart (NL). **ROESINK, Hendric, Dirk, Willem** [NL/NL]; Bongerdsweg 1, NL-7623 AJ Borne (NL).
- (74) **KUPECZ, Arpád**; Octroobureau Los & Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/20963** (13) A1
(21) PCT/US97/20536
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/752,003 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01F 15/02, A61B 5/00

(54) INTEGRATED BONE CEMENT MIXING AND DISPENSING SYSTEM
SYSTEME DE MELANGE ET DE DISTRIBUTION DE CIMENT OSSEUX

(71, 72) **BARKER, Donald** [US/US]; 8 Mountain Laurel Lane, Sandy Hook, CT 06482 (US). **SEATON, James, P.** [US/US]; 116 Fairmount Avenue, Chatham, NJ 07929 (US).

(74) **STOLTZ, Melvin, I.**; 51 Cherry Street, Milford, CT 06460 (US).

(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 98/20964** (13) A2

(21) PCT/EP97/06098

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 46 587.7 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01F 17/00, 17/18, C07C 305/00, C11D 1/62, A61K 7/00, 9/00

(54) FATTY ALCOHOL SULFATES AND ALKYLETHERSULFATES WITH TRIALKYLAMMONIUM COUNTER-IONS AND WELL AS THEIR PRODUCTION AND USE
SULFATES D'ALCOOL GRAS ET SULFATES D'ETHER ALCOYLIQUE AVEC DES IONS ANTAGONISTES DE TRIALKYLAMMONIUM AINSI QUE LEUR PRODUCTION ET UTILISATION

(71) **CLARIANT GMBH** [DE/DE]; Brüningsstrasse 50, D-65929 Frankfurt am Main (DE).

(72) **PAPENFUHS, Bernd**; Flurstrasse 17, D-84524 Neuöttingen (DE).

(81) AL AM AU AZ BA BB BG BR BY CA 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 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 98/20965** (13) A1

(21) PCT/CH97/00431

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 2811/96 (32) **13 Nov/nov 1996 (13.11.1996)** (33) CH

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01J 19/00, B01F 13/08

(54) REACTION CHAMBER SYSTEM FOR CHEMICAL SYNTHESIS OR RELATED APPLICATIONS
SYSTEME DE CHAMBRE DE REACTION DE SYNTHESE CHIMIQUE OU APPLICATIONS APPARENTES

(71, 72) **DÖBELIN, Werner** [CH/CH]; LabSource, Zihlackerstrasse 4, CH-4153 Reinach (CH).

(74) **BRAUN, André**; Braun & Partner, Reussstrasse 22, CH-4054 Basel (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 98/20966** (13) A1

(21) PCT/US97/17883

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 60/031,310 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/859,890 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01J 19/00, C07C 51/31, B01J 10/00

(54) METHODS AND DEVICES FOR CONTROLLING THE OXIDATION OF A HYDROCARBON TO AN ACID BY REGULATING HOLD-UP TIME IN MULTI-STAGE ARRANGEMENT PROCESSES AND DISPOSITIFS POUR REGULER L'OXYDATION D'UN HYDROCARBURE EN ACIDE EN REGULANT LE TEMPS DE SEJOUR DANS UN SYSTEME A PLUSIEURS ETAPES

(71) **TWENTY-FIRST CENTURY RESEARCH CORPORATION** [US/US]; 12 South Townview Lane, Newark, DE 19711-7419 (US).

(72) **ROSTAMI, Ader, M.**; 9205 Northeast Sea Ray Court, Bainbridge Island, WA 98110 (US). **DECOSTER, David, C.**; 5509-234th Avenue East, Buckley, WA 98321 (US). **VASSILIOU, Eustathios**; 12 South Townview Lane, Newark, DE 19711 (US). **DASSEL, Mark, W.**; P.O. Box 489, Indianola, WA 98342 (US).

(74) **PARKER, David, W.** 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 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 98/20967** (13) A1

(21) PCT/US97/21209

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,826 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01J 19/00, C07K 1/04, C07H 21/00, C07B 61/00, C12Q 1/68

(54) CHEMICAL AMPLIFICATION FOR THE SYNTHESIS OF PATTERNED ARRAYS
AMPLIFICATION CHIMIQUE SERVANT A EFFECTUER LA SYNTHESE DE SEQUENCES POLYMERES DIVERSES

(71) **AFFYMETRIX, INC.** [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEECHER, Jody, E.** [US/US]; 248C Higdon Avenue, Mountain View, CA 94041 (US). **GOLDBERG, Martin, J.** [US/US]; 1498 Bing Drive, San Jose, CA 95129 (US). **MCGALL, Glenn, H.** [US/US]; 1121 Stadky Avenue, Mountain View, CA 94040 (US).

(74) **IWANICKI, John, P.**; Banner & Witcoff, Ltd., One Financial Center, 45th floor, Boston, MA 02111 (US).

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

Published / Publiée : (c)

(11) **WO 98/20968** (13) A1

(21) PCT/US97/20007

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/748,646 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01J 21/04, 23/10, 23/38

(54) CERIC OXIDE WASHCOAT
COUCHE D'ABSORPTION A BASE D'OXYDE CERIQUE

(71) **W.R. GRACE & CO.-CONN.** [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US).

(72) **BREZNY, Rasto**; 214 Forest Spring Lane, Catonsville, MD 21228 (US).

(74) **MAGGIO, Robert, A.**; W.R. Grace & Co.-Conn., 7500 Grace Drive, Columbia, MD 21044 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG 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 98/20969** (13) A1

(21) PCT/FR97/02006

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13797 (32) **13 Nov/nov 1996 (13.11.1996)** (33) FR

- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B01J 27/188, 35/10, C10G 45/08
- (54) CATALYST CONTAINING PHOSPHORUS AND METHOD FOR HYDRO-TREATING OIL FEEDSTOCKS WITH THIS CATALYST
CATALYSEUR CONTENANT DU PHOSPHORE ET PROCÉDE D'HYDROTRAITEMENT DE CHARGES PETROLIERES AVEC CE CATALYSEUR
- (71) **INSTITUT FRANÇAIS DU PETROLE** [FR/FR]; 4, avenue de Bois Préau, F-92506 Rueil Malmaison (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIGNARD, Samuel** [FR/FR]; 22, avenue Guy de Maupassant, F-78400 Chatou (FR). **GEORGE-MARCHAL, Nathalie** [FR/FR]; 8, rue Geoffroy Saint Hilaire, F-75005 Paris (FR). **HARLE, Virginie** [FR/FR]; 3, rue de la Réunion, F-92500 Rueil Malmaison (FR). **KASZTELAN, Slavik** [FR/FR]; 27, rue Raymond Queneau, F-92500 Rueil Malmaison (FR).
- (74) **ANDREEFF, François**; Institut Français du Pétrole, 4, avenue du Bois Préau, F-92506 Rueil Malmaison (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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN; AP (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 98/20970** (13) A1
(21) PCT/HU96/00077
(22) **16 Dec/déc 1996 (16.12.1996)**
(25) en (26) en
(31) P 96 03093 (32) **8 Nov/nov 1996 (08.11.1996)** (33) HU
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01J 29/34, C10G 47/20
- (54) CATALYST FOR HYDROCRACKING AND A METHOD FOR PRODUCING GAS OIL WITH LOW POUR POINT
CATALYSEUR POUR HYDROCRAQUAGE ET PROCÉDE POUR PRODUIRE DU GAZOLE A BAS POINT D'ÉCOULEMENT
- (71) **MOL MAGYAR OLAJ-ÉS GÁZIPARI RÉSZÉNYTÁRSASÁG** [HU/HU]; Október 23u.18, H-1117 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BALAI, Mária** [HU/HU]; Irinyi u. 6, H-2440 Százhalombatta (HU). **BEYER, Hermann** [HU/HU]; Margit körút 10, H-1022 Budapest (HU). **BORBÉLY, Gabriella** [HU/HU]; Cziráki u. 15, H-1163 Budapest (HU). **CZÁGLER, István** [HU/HU]; Téli u. 11, H-2440 Százhalombatta (HU). **FEHÉR, Pál** [HU/HU]; Irinyi J. u. 3, H-2440 Százhalombatta (HU). **FORSTNER, János** [HU/HU]; Jókai Köz 5, H-2440 Százhalombatta (HU). **GEORGIÁDES, Gábor** [HU/HU]; Hága L. u. 11, H-2440 Százhalombatta (HU). **GERGELY, János** [HU/HU]; Irinyi J. u. 1, H-2440 Százhalombatta (HU). **HORVÁTH, József** [HU/HU]; Bartók Béla Ú. 87, H-1115 Budapest (HU). **JÓVÉR, Béla** [HU/HU]; Bródy Sándor u. 36, H-1088 Budapest (HU). **KANTOR, László** [HU/HU]; Olimpia u. 7, H-2440 Százhalombatta (HU). **KOVÁCS, Imre** [HU/HU]; Széchenyi u. 48, H-2462 Martonvásár (HU). **LENCSÉ, István** [HU/HU]; Irinyi J. u. 1, H-2440 Százhalombatta (HU). **PERGER, József** [HU/HU]; Október 23 utca 14, H-1117 Budapest (HU). **PETRÓ, József** [HU/HU]; Bolyai u. 9, H-2440 Százhalombatta (HU). **RÁTOSI, Ernő** [HU/HU]; Bocskai u. 21, H-1114 Budapest (HU). **SZALMÁSNE PÉCSVÁRI, Gabriella** [HU/HU]; Ponty u. 6, H-2440 Százhalombatta (HU). **SZIRMAI, László** [HU/HU]; Emilia u. 28, H-2030
- Érd (HU). **SZÖLLŐSI, József** [HU/HU]; Orsova u. 7, H-1213 Budapest (HU). **ZSIDA, László** [HU/HU]; Hága L. u. 7, H-2440 Százhalombatta (HU).
- (74) **JALSOVSZKY, Györgyné**; Pf. 518, H-1373 Budapest (HU).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE 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 (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 98/20971** (13) A1
(21) PCT/GB97/03044
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 9623685.6 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01J 31/18, C07F 7/10
- (54) IMPROVEMENTS IN AND RELATING TO COMPOUNDS AND CATALYSTS
AMELIORATIONS APPORTEES A DES COMPOSES ET A DES CATALYSEURS
- (71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risleigh, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TINKER, Nigel, Dennis** [GB/GB]; British Nuclear Fuels plc, Research & Technology, Springfields Works, Salwick, Preston, Lancs PR4 0XJ (GB). **SCOTT, Peter** [GB/GB]; University of Sussex, School of Chemistry and Molecular Science, Falmer, Brighton BN1 9QJ (GB). **ROUSSEL, Paul** [GB/GB]; University of Sussex, School of Chemistry and Molecular Science, Falmer, Brighton BN1 9GJ (GB).
- (74) **PAWLYN, Anthony, Neil**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 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 98/20974** (13) A1
(21) PCT/EP97/05997
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) de (26) de
(31) 196 46 505.2 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B01L 3/00, G01N 35/02 // C12M 1/38, C12Q 1/68
- (54) DEVICE FOR CARRYING OUT RESEARCH ON CELL SPECIMENS AND SIMILAR MATERIAL
DISPOSITIF POUR EFFECTUER DES ANALYSES D'ECHANTILLONS CELLULAIRES OU SIMILAIRES
- (71) **DEUTSCHE IIT INDUSTRIES GMBH** [DE/DE]; Hans-Brunte-Strasse 19, D-79108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOLF, Bernhard** [DE/DE]; Andreasstrasse 12, D-79252 Stegen (DE). **SIEBEN, Ulrich** [DE/DE]; Kronengasse 7, D-79276 Reute (DE).

(74) **SCHMITT, Hans** et al. / etc.; Dreikönigstrasse 13, D-79102 Freiburg (DE).

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

Published / Publiée : (c)

(11) **WO 98/20975** (13) A1

(21) PCT/EP97/06194

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 46 115.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01L 7/00, 3/00 // C12Q 1/68, G05D 23/19

(54) TEMPERATURE-REGULATING BLOCK WITH TEMPERATURE-REGULATING DEVICES
BLOC DE REGULATION DE TEMPERATURE
DOTE DE DISPOSITIFS DE REGULATION DE TEMPERATURE

(71) **EPPENDORF-NETHELER-HINZ GMBH** [DE/DE]; Barkhausenweg 1, D-22339 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LURZ, Werner** [DE/DE]; Langwisch 34, D-24568 Kaltenkirchen (DE). **JODIES, Dietmar** [DE/DE]; Berliner Damm 216, D-25479 Ellerau (DE). **BRUST, Rüdiger** [DE/DE]; Birkbusch 11, D-23911 Ziethen (DE). **TENNSTEDT, Ernst** [DE/DE]; Kreienkoppel 24, D-22399 Hamburg (DE).

(74) **SCHAEFER, Konrad**; Schaefer & Emmel, Gehölzweg 20, D-22043 Hamburg (DE).

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

Published / Publiée : (c)

(11) **WO 98/20976** (13) A1

(21) PCT/EP97/06196

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 46 116.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B01L 7/00, 3/00 // C12Q 1/68, G05D 23/19

(54) TEMPERATURE-REGULATING BLOCK WITH RECEIVERS
BLOC DE REGULATION DE TEMPERATURE
DOTE DE LOGEMENTS

(71) **EPPENDORF-NETHELER-HINZ GMBH** [DE/DE]; Barkhausenweg 1, D-22339 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUST, Rüdiger** [DE/DE]; Birkbusch 11, D-23911 Ziethen (DE). **LENZ, Jürgen** [DE/DE]; Dorotheenstrasse 95, D-22301 Hamburg (DE).

(74) **SCHAEFER, Konrad**; Schaefer & Emmel, Gehölzweg 20, D-22043 Hamburg (DE).

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

Published / Publiée : (c)

(11) **WO 98/20977** (13) A1

(21) PCT/CN97/00130

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) zh (26) zh

(31) 96 1 16579.0 (32) **14 Nov/nov 1996 (14.11.1996)** (33) CN

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B02C 13/13, 13/284, 13/28

(54) A HAMMER MILL
BROYEUR A MARTEAUX

(71, 72) **YU, Xinguo** [CN/CN]; 1408 Room No. 9, Yanji Six Village, Shanghai 200093 (CN).

(72, 75) **LE, Qicheng** [CN/CN]; 1408 Room No. 9, Yanji Six Village, Shanghai 200093 (CN).

(74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; 435 Guiping Road, Shanghai 200233 (CN).

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

(11) **WO 98/20978** (13) A1

(21) PCT/CA96/00730

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B03C 3/155, 3/41

(54) IONIZING AND POLARIZING ELECTRONIC AIR FILTER
FILTRE A AIR ELECTRONIQUE IONISANT ET POLARISANT

(71, 72) **JOANNOU, Constantinos, J.** [CA/CA]; 62 Lortie Street, Aylmer, Quebec J9H 4G5 (CA).

(74) **FRENCH, David, J.**; P.O. Box 2486, Station D, Ottawa, Ontario K1P 5W6 (CA).

(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 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 98/20979** (13) A1

(21) PCT/CA97/00833

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) PCT/CA96/00730 (32) **8 Nov/nov 1996 (08.11.1996)** (33) WO

(34) CA et al. / etc.

(31) 08/876,369 (32) **16 Jun/juin 1997 (16.06.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B03C 3/155, 3/38

(54) EXTERNALLY IONIZING AIR FILTER
FILTRE A AIR A FONCTION IONISANTE
VERS L'EXTERIEUR

(71, 72) **JOANNOU, Constantinos, J.** [CA/CA]; 62 Lortie Street, Aylmer, Quebec J9H 4G5 (CA).

(74) **FRENCH, David, J.**; P.O. Box 2486, Stn. D, Ottawa, Ontario K1P 5W6 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ 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 98/20980** (13) A1

(21) PCT/EP97/05804

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) de (26) de

(31) 196 46 038.7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B04B 3/02, 7/06, 15/08

(54) CENTRIFUGE WITH AN INSIDE-OUT FLOW FILTER
CENTRIFUGEUSE A FILTRE INVERSABLE

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

(11) **WO 98/20981** (13) A1

(21) PCT/US97/20764

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,227 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B05B 1/26, A22C 21/00

(54) APPARATUS AND METHOD FOR CLEANING POULTRY
APPAREIL ET PROCEDE POUR NETTOYER
DES CARCASSES DE POULETS

(71) **RHONE-POULENC, INC.** [US/US]; Building N, Prospect Plains Road, Cranbury, NJ 08512-7500 (US).

(72) **MOSTOLLER, Charles, R.**; 39 Gunning Lane, Langhorne, PA 19047 (US). **NORBURY, Fritz**; Apartment D4, Route 4, Box 429-A Street, Carthage, MO 64836 (US).

(74) **SHEDDEN, John, A.** et al. / etc.; Rhone-Poulenc, Inc., Building N, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

- (11) **WO 98/20982** (13) A1
 (21) PCT/US97/20938
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 60/030,914 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B05B 13/04, E04D 11/02, 15/06
 (54) SPRAY APPLICATOR FOR ROOFING AND OTHER SURFACES
 APPLICATEUR PULVERISATEUR POUR TOITURES ET AUTRES SURFACES
 (71, 72) **HUNTER, John, P., Jr.** [US/US]; 2 Tuckahoe Road, Southampton, NY 11968 (US).
 (74) **WALKER, Alfred, M.**; 225 Old Country Road, Melville, NY 11747-2712 (US).
 (81) CA GB JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/20983** (13) A1
 (21) PCT/CA97/00856
 (22) **13 Nov/nov 1997 (13.11.1997)**
 (25) en (26) en
 (31) 08/751,533 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B05B 15/06, F16L 27/073
 (54) LEAK RESISTANT NOZZLE BALL FOR USE IN SPRAY NOZZLES AND FLUID CONNECTION DEVICES
 SPHERE D'AJUTAGE ANTI-FUITE UTILISABLE DANS DES AJUTAGES DE VAPORISATEUR ET DES DISPOSITIFS DE CONNEXION FLUIDIQUE
 (63) US 08/751,533 (CON)
 14 Nov/nov 1996 (14.11.1996)
 (71) **BEX ENGINEERING LTD.** [CA/CA]; 5115 Timberlea Boulevard, Mississauga, Ontario L4W 2S3 (CA).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BOWEN, Norman, D.** [CA/CA]; 296 Mill Road, Etobicoke, Ontario M9C 4X8 (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 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).

Published / Publiée : (c)

- (11) **WO 98/20984** (13) A1
 (21) PCT/JP96/03278
 (22) **8 Nov/nov 1996 (08.11.1996)**
 (25) ja (26) ja
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B05D 1/38, 5/06, 7/24
 (54) METHOD OF FORMING MULTIPLE-LAYERED COATING FILM

- PROCEDE DE FORMATION D'UN FILM PROTECTEUR MULTICOUCHE
 (71) **KANSAI PAINT CO., LTD.** [JP/JP]; 33-1, Kan-zaki-cho, Amagasaki-shi, Hyogo 661 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NAKAMURA, Shigeru** [JP/JP]; Kansai Paint Co., Ltd., 1, Aza Hirachi, Oaza Azabu, Miyoshi-cho, Nishikamo-gun, Aichi 470-02 (JP).
UENO, Naruhito [JP/JP]; Kansai Paint Co., Ltd., 1, Aza Hirachi, Oaza Azabu, Miyoshi-cho, Nishikamo-gun, Aichi 470-02 (JP).
 (74) **ODAJIMA, Heikichi** et al. / etc.; Odajima Patent Office, Nippon Jitensha Building, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107 (JP).
 (81) CA GB KR US.

- (11) **WO 98/20985** (13) A1
 (21) PCT/US97/19617
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 08/745,550 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B05D 3/10, 5/00, 7/14, B08B 3/08, C23C 20/00, 22/00
 (54) SPOTTING RESISTANT GLOSS ENHANCEMENT OF AUTODEPOSITION COATING
 AMELIORATION DU BRILLANT AVEC RESISTANCE AUX TACHES DANS DES REVETEMENTS APPLIQUES PAR AUTODEPOSITION
 (71) **HENKEL CORPORATION** [US/US]; Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **AHMED, Bashir, M.** [US/US]; 54052 Whitby Way, Utica, MI 48316 (US). **BROWN, Douglas, A.** [US/US]; 755-1 Coachman, Troy, MI 48083 (US). **FRISTAD, William, E.** [US/US]; 3724 Newcastle Drive, Rochester Hills, MI 48307 (US).
 (74) **WISDOM, Norvell, E., Jr.**; Henkel Corporation, Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
 (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 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 98/20986** (13) A1
 (21) PCT/GB96/02754
 (22) **13 Nov/nov 1996 (13.11.1996)**
 (25) en (26) en
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B07B 13/04, 1/15
 (54) SOLIDS SEPARATOR
 SEPARATEUR DE SOLIDES
 (71) **BRITISH TECHNOLOGY GROUP INTERCORPORATE LICENSING LIMITED** [GB/GB]; 101 Newington Causeway, London SE1 6BU (GB).
 (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **CADDICK, David, Albert** [GB/GB]; 1 Moorleigh Close, Kippax, Leeds LS25 7PB (GB).
 (74) **NEVILLE, Peter, Warwick**; British Technology Group Limited, Patents Dept., 101 Newington Causeway, London SE1 6BU (GB).
 (81) AL AM AT AU AZ 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 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 (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 98/20987** (13) A1
 (21) PCT/JP97/03971
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) ja (26) ja
 (31) 8/312867 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B08B 1/04, A47L 25/00
 (54) SPONGE ROLLER FOR CLEANING
 ROULEAU EPONGE POUR NETTOYAGE
 (71) **KANEBO LIMITED** [JP/JP]; 17-4, Sumida 5-chome, Sumida-ku, Tokyo 131 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **IGARASHI, Koei** [JP/JP]; 1392, Komahane, Sowamachi, Sashima-gun, Ibaraki 306-02 (JP). **GOHDA, Shuki** [JP/JP]; 1366, Komahane, Sowamachi, Sashima-gun, Ibaraki 306-02 (JP). **IDE, Masao** [JP/JP]; 69-6, Isobetenominami, Sowamachi, Sashima-gun, Ibaraki 306-02 (JP). **TOKUNAGA, Konomu** [JP/JP]; 1201-1, Kunoshaka, Sowamachi, Sashima-gun, Ibaraki 306-02 (JP). **MIYAJI, Hiroshi** [JP/JP]; 24-2, Tokiwadaira 5-chome, Matsudo-shi, Chiba 270 (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 98/20988** (13) A1
 (21) PCT/DE96/02153
 (22) **8 Nov/nov 1996 (08.11.1996)**
 (25) de (26) de
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B08B 9/04, E03F 9/00
 (54) HYDRODYNAMIC TOOL FOR CLEANING PIPES AND DUCTS
 OUTIL HYDRODYNAMIQUE POUR LE NETTOYAGE DE TUYAUX ET DE CANALISATIONS
 (71, 72) **HÖRGER, Kurt** [DE/DE]; Reinhard-Schmidt-Strasse 5, D-09217 Burgstädt (DE).
 (72, 75) **LUTZE, Hans** [DE/DE]; Ziegelsberg 15, D-09468 Geyer (DE).
 (74) **RUMRICH, Gabriele**; Limbacher Strasse 305, D-09116 Chemnitz (DE).
 (81) JP US.

- (11) **WO 98/20989** (13) A1
 (21) PCT/EP97/06063
 (22) **3 Nov/nov 1997 (03.11.1997)**

- (25) de (26) de
- (31) 196 46 859.0 (32) **13 Nov/nov 1996** (33) DE
(13.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B21C 37/08, 37/083
- (54) METHOD FOR WRAPPING A METAL STRIP AROUND A PLASTIC TUBE
PROCEDE POUR ENVELOPPER UN TUBE PLASTIQUE D'UNE BANDE METALLIQUE
- (71) **HEWING GMBH** [DE/DE]; Waldstrasse 3, D-48607 Ochtrup (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RIESELMANN, Franz-Josef** [DE/DE]; Lerchenstrasse 6, D-49393 Lohne (DE).
- (74) **HILLERINGMANN, Jochen** et al. / etc.; Postfach 102 241, D-50462 Köln (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (c)
-
- (11) **WO 98/20990** (13) A1
- (21) PCT/SE97/01898
- (22) **12 Nov/nov 1997** (12.11.1997)
- (25) en (26) en
- (31) 9604122-3 (32) **12 Nov/nov 1996** (33) SE
(12.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B21D 15/06 // 53/06
- (54) METHOD AND MACHINE FOR MAKING A FINNED BODY
PROCEDE ET MACHINE SERVANT A FABRIQUER UN CORPS PRESENTANT DE FINES ARETES
- (71) **VOTINEX MANAGEMENT N.V.** [BE/BE]; Golfaan 34, B-1640 Saint-Genesius-Rode (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GILLBRAND, Per** [SE/SE]; Herr Stens väg 1, S-647 00 Mariefred (SE). **ÖHMAN, Richard** [SE/SE]; Midsommarvägen 39, S-141 44 Huddinge (SE).
- (74) **NYBERG, Bengt** et al. / etc.; Carminger, Uusitalo & Nyberg Patentbyrå AB, P.O. Box 7274, S-103 89 Stockholm (SE).
- (81) CN JP RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20991** (13) A1
- (21) PCT/US97/18171
- (22) **8 Oct/oct 1997** (08.10.1997)
- (25) en (26) en
- (31) 08/749,904 (32) **15 Nov/nov 1996** (33) US
(15.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B21D 26/02
- (54) SUPERPLASTIC FORMING WITH DIRECT ELECTRICAL HEATING
- FORMAGE SUPERPLASTIQUE AVEC CHAUFFAGE ELECTRIQUE DIRECT
- (63) US 08/749,904 (CON)
15 Nov/nov 1996 (15.11.1996)
- (71) **McDONNELL DOUGLAS CORPORATION** [US/US]; P.O. Box 516, St. Louis, MO 63166-0516 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YASUI, Ken, K.** [US/US]; 15721 Sunflower Lane, Huntington Beach, CA 92647 (US).
- (74) **GOSNELL, Guy, R.** 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 HU ID IL IS JP KE KG KP KR KZ 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 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 98/20992** (13) A1
- (21) PCT/GB97/03035
- (22) **5 Nov/nov 1997** (05.11.1997)
- (25) en (26) en
- (31) 9623364.8 (32) **9 Nov/nov 1996** (33) GB
(09.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B21D 51/16, 51/26
- (54) RESHAPING OF DRAWN AND WALL IRONED CONTAINERS
REMODELAGE DE CONTENANTS EMBOUTIS ET ETIRES
- (71) **CARNAUDMETALBOX PLC** [GB/GB]; Downsview Road, Wantage, Oxfordshire OX12 9BP (GB).
(only for / seulement pour BB GB GH IE KE LS MW SD SZ TT UG ZW)
- (71) **CARNAUDMETALBOX S.A.** [FR/FR]; 67, rue Arago, F-93400 Saint Ouen (FR).
(only for / seulement pour AT BE BF BJ CF CG CH CI CM DE DK ES FI FR GA GN GR IT LU MC ML MR NE NL NO PT SE SN TD TG)
- (71) **CARNAUDMETALBOX N.V.** [NL/NL]; Anodeweg 3, NL-1627 LJ Hoor (NL).
(only for / seulement pour AL AM AU AZ BA BG BR BY CN CU CZ EE GE HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN NZ PL RO RU SG SI SK TJ TM TR UA UZ VN)
- (71) **CARNAUDMETALBOX (HOLDINGS) USA INC.** [US/US]; Suite 1300, 1105 North Market Street, Wilmington, DE 19801 (US).
(only for / seulement pour CA MX)
- (72, 75) **RAMSEY, Christopher, Paul** [GB/GB]; Brae-side, Manor Road, Wantage, Oxfordshire OX12 8DP (GB).
- (74) **RATLIFF, Ismay, Hilary**; Carnaudmetalbox plc, Downsview Road, Wantage, Oxfordshire OX12 9BP (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; 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 98/20993** (13) A1
- (21) PCT/US97/20657
- (22) **14 Nov/nov 1997** (14.11.1997)
- (25) en (26) en
- (31) 60/030,978 (32) **15 Nov/nov 1996** (33) US
(15.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B21F 45/00
- (54) STATOR WIRE FORMING TOOL
OUTIL DE FORMAGE DE FIL DE STATOR
- (71) **LABINAL COMPONENTS & SYSTEMS, INC.** [US/US]; 881 Parkview Boulevard, Lombard, IL 60148 (US).
- (72) **BURCH, Jerry, C.**; 9441 Vanalden Avenue, Northridge, CA 91324 (US).
- (74) **FOLKERTS, Michael, D.** et al. / etc.; Biebel & French, 2500 Kettering Tower, Dayton, OH 45423 (US).
- (81) CA CN JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20994** (13) A1
- (21) PCT/JP97/04087
- (22) **10 Nov/nov 1997** (10.11.1997)
- (25) ja (26) ja
- (31) 8/298770 (32) **11 Nov/nov 1996** (33) JP
(11.11.1996)
- (31) 9/299008 (32) **30 Oct/oct 1997** (33) JP
(30.10.1997)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B21K 1/30
- (54) HOT FORGING DEVICE FOR BEVEL GEAR
DISPOSITIF DE FORGEAGE A CHAUD POUR ENGRENAGE CONIQUE
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami Aoyama 2-chome, Minatu-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUZUKI, Kouji** [JP/JP]; Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama-ken 350-13 (JP). **MINOWA, Akihiko** [JP/JP]; Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama-ken 350-13 (JP). **YAMANE, Shuichi** [JP/JP]; Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama-ken 350-13 (JP). **SUGITA, Hiroshi** [JP/JP]; Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama-ken 350-13 (JP). **OKADA, Seishi** [JP/JP]; Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama-ken 350-13 (JP). **ASADA, Takashi** [JP/JP]; Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama-ken 350-13 (JP).
- (74) **CHIBA, Yoshihiro** et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151 (JP).
- (81) DE GB US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/20995** (13) A2
- (21) PCT/EP97/06197
- (22) **7 Nov/nov 1997** (07.11.1997)
- (25) de (26) de

(31) 196 47 313.6 (32) **13 Nov/nov 1996** (33) DE
(13.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B22D

(54) METHOD AND DEVICE FOR DIRECTED SOLIDIFICATION OF A MOLTEN MASS
PROCEDE ET DISPOSITIF DE SOLIDIFICATION DIRIGEE D'UNE MASSE EN FUSION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE). **TFB FEINGUSSWERK BOCHUM GMBH** [DE/DE]; Bessemerstrasse 80, D-44793 Bochum (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOHMÜLLER, Andreas** [DE/DE]; Finkenstrasse 4, D-90762 Fürth (DE). **KRUG, Peter** [DE/DE]; Am Steig 4, D-90427 Nürnberg (DE). **SINGER, Robert** [DE/DE]; Rudelsweierstrasse 49 b, D-91054 Erlangen (DE).

(74) **FUCHS, Franz-Josef**; Postfach 22 13 17, D-80503 München (DE).

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

(11) **WO 98/20996** (13) A1

(21) PCT/DE97/02663

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 47 713.1 (32) **11 Nov/nov 1996** (33) DE
(11.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B22D 2/00, 39/06

(54) METERING OVEN
FOUR DE DOSAGE

(71) **W. STRIKFELDT & KOCH GMBH** [DE/DE]; Bahnhofstrasse 16-18, D-51674 Wiehl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALPOHL, Klaus** [DE/DE]; Aufderhöherstrasse 146, D-42699 Solingen (DE).

(74) **BUTENSCHÖN BERGMANN NÖTH REITZLE GRAMBOW KRAUS;** Kurfürstendamm 170, D-10707 Berlin (DE).

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

Published / Publiée : (c)

(11) **WO 98/20997** (13) A1

(21) PCT/IT97/00276

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) MI96A002336 (32) **12 Nov/nov 1996** (33) IT
(12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B22D 11/04, 11/14

(54) IMPROVED UNIT OF EQUIPMENTS FOR THE HIGH-SPEED CONTINUOUS CASTING OF GOOD QUALITY THIN STEEL SLABS
UNITE AMELIOREE D'EQUIPEMENTS SERVANT A LA COULEE CONTINUE A GRANDE VITESSE DE BRAMES D'ACIER MINCES DE BONNE QUALITE

(71, 72) **ARVEDI, Giovanni** [IT/IT]; Via Mercatello, 26, I-26100 Cremona (IT).

(72, 75) **MANINI, Luciano** [IT/IT]; Via L. Manara, 4/b, I-26010 Azzanello (IT). **BIANCHI, Andrea** [IT/IT]; Via San Lorenzo, 6, I-26034 Piadena (IT).

(74) **ADORNO, Silvano**; Società Italiana Brevetti S.p.A., Via Carducci, 8, I-20123 Milano (IT) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/20998** (13) A1

(21) PCT/DE97/02518

(22) **22 Oct/oct 1997 (22.10.1997)**

(25) de (26) de

(31) 196 47 702.6 (32) **8 Nov/nov 1996** (33) DE
(08.11.1996)

(31) 197 45 547.6 (32) **10 Oct/oct 1997** (33) DE
(10.10.1997)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B22D 11/128, 11/14

(54) METHOD AND DEVICE FOR CONTINUOUS THIN SLAB STEEL CASTING
PROCEDE ET INSTALLATION DE COULEE CONTINUE DE BRAMES FINES

(71) **MANNESMANN AG** [DE/DE]; Mannesmannufer 2, D-40213 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACOBI, Hatto** [DE/DE]; Rosspfad 42, D-40489 Düsseldorf (DE). **PARSCHAT, Lothar** [DE/DE]; An der Dellen 2a, D-40885 Ratingen (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 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).

Published / Publiée : (c)

(11) **WO 98/20999** (13) A1

(21) PCT/JP97/04139

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) ja (26) ja

(31) 8/316911 (32) **14 Nov/nov 1996** (33) JP
(14.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B22D 18/04, 18/06, 19/14

(54) METHOD OF MANUFACTURING CASTING AND APPARATUS THEREFOR
PROCEDE DE FABRICATION D'ARTICLE EN FONTE ET APPAREIL DESTINE A CELA

(71) **SUGITANI KINZOKU KOGYO KABUSHIKI KAISHA** [JP/JP]; 23-2, Yaguchi 1-chome, Ohta-ku, Tokyo 146 (JP). **TOYO ALUMINIUM KABUSHIKI KAISHA** [JP/JP]; 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGITANI, Nobuhiro** [JP/JP]; Sugitani Kinzoku Kogyo Kabushiki Kaisha, 23-2, Yaguchi 1-chome, Ohta-ku, Tokyo 146 (JP). **MAKIMOTO, Shoichi** [JP/JP]; Toyo Aluminium Kabushiki Kaisha, 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).

(74) **ESAKI, Koushi** et al. / etc.; Toranomon Denki Building 5F, 8-1, Toranomon 2-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/21000** (13) A1

(21) PCT/SE97/01868

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9604147-0 (32) **13 Nov/nov 1996** (33) SE
(13.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B23K 1/00, 35/38, 10/00

(54) METHOD FOR PLASMA BRAZING
PROCEDE DE BRASAGE AU PLASMA

(71) **AGA AKTIEBOLAG** [SE/SE]; S-181 81 Lidingö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDSTRÖM, Johan** [SE/SE]; Drottningholmsvägen 4, S-112 42 Stockholm (SE).

(74) **AXELSSON, Rolf** et al. / etc.; Kransell & Wennborg AB, P.O. Box 27834, S-115 93 Stockholm (SE).

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

Published / Publiée : (c)

(11) **WO 98/21001** (13) A1

(21) PCT/AT97/00235

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) de

(26) de

(31) 1961/96 (32) **8 Nov/nov 1996** (33) AT
(08.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B23K 11/25, 11/24

(54) PROCESS AND DEVICE FOR GENERATING A WELDING CURRENT FOR A RESISTANCE WELDING MACHINE
PROCEDE ET DISPOSITIF GENERATEURS DE COURANT DE SOUDAGE POUR UNE MACHINE A SOUDER PAR RESISTANCE

(71) **EVG ENTWICKLUNGS- U. VERWERTUNGSGESELLSCHAFT MBH** [AT/AT]; Gustinus-Ambrosi-Strasse 1-3, A-8074 Raaba (AT).

(72) **RITTER, Klaus**; Peterstalstrasse 157, A-8042 Graz (AT). **RITTER, Gerhard**; Unterer Plattenweg 47, A-8043 Graz (AT). **JAHRBACHER, Gert**; A-8120 Peggau 163 (AT).

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

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

(11) **WO 98/21002** (13) A1

(21) PCT/DE97/02668

- (22) **11 Nov/nov 1997 (11.11.1997)**
 (25) de (26) de
 (31) 196 47 707.7 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B23K 20/12, 20/16
 (54) METHOD AND DEVICE FOR CONNECTING COMPONENTS
 PROCEDE ET DISPOSITIF POUR ASSEMBLER DES ELEMENTS CONSTITUTIFS
- (71) **UNTERGRUNDSPEICHER- UND GEOTECHNOLOGIE-SYSTEME GMBH** [DE/DE]; Berliner Chaussee 2, D-15749 Mittenwalde (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FABER, Thomas** [DE/DE]; Gleimstrasse 37, D-10437 Berlin (DE).
- (74) **RADWER, Dieter**; Hübner, Neumann, Radwer, Frankfurter Allee 286, D-10317 Berlin (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21003** (13) A1
 (21) PCT/ES97/00272
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) es (26) es
 (31) P 9602388 (32) **12 Nov/nov 1996 (12.11.1996)** (33) ES
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B23K 26/02
 (54) LASER SYSTEM FOR MARKING OR PERFORATING
 SYSTEME DE MARQUAGE OU DE PERFORATION PAR LASER
- (71) **MACSA ID, S.A.** [ES/ES]; Calle Girona, 46-48, E-08240 Manresa (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LLADO ABELLA, Jordi** [ES/ES]; Calle Girona, 46-48, E-08240 Manresa (ES).
- (74) **SUAREZ DIAZ, Jesus**; Hermosilla, 30, E-28001 Madrid (ES).
- (81) CA CN ES JP KP MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21004** (13) A1
 (21) PCT/US97/20554
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 60/030,661 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (31) 60/041,021 (32) **19 Mar/mar 1997 (19.03.1997)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B23P 17/00
- (54) PROCESS FOR MAKING FINE METALLIC FIBERS
 PROCESSUS DE FABRICATION DE FIBRES METALLIQUES FINES
- (71) **MEMTEC AMERICA CORPORATION** [US/US]; Suite 700, 9690 Deereco Road, Timonium, MD 21093 (US).
- (72) **LIBERMAN, Michael**; 1505 Covered Bridge Drive, Deland, FL 32724 (US). **SOBOLEVSKY, Alexander**; 2870 Valley Forge Road, Deland, FL 32720 (US). **MCNEICE, Raymond, R.**; 55 Dogwood Trail, Debary, FL 32713 (US).
- (74) **FRUJOUF, Robert, F.**; Frijouf, Rust & Pyle, P.A., 201 East Davis Boulevard, Tampa, FL 33606 (US).
- (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).
- Published / Publiée : (c)
-
- (11) **WO 98/21005** (13) A1
 (21) PCT/JP97/04100
 (22) **11 Nov/nov 1997 (11.11.1997)**
 (25) ja (26) ja
 (31) 8/298880 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B23Q 7/04
 (54) WORK LOADING/UNLOADING APPARATUS
 APPAREIL DE CHARGEMENT/DECHARGEMENT D'ARTICLES A USINER
- (71) **AMADA METRECS COMPANY, LIMITED** [JP/JP]; 806, Takamori, Isehara-shi, Kanagawa 259-11 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAYAKAWA, Minoru** [JP/JP]; 121-33, Nakakibougaoka, Asahi-ku, Yokohama-shi, Kanagawa 241 (JP).
- (74) **MIYOSHI, Hidekazu**; Toranomon Daiichi Building, 3rd floor, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105 (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 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 98/21006** (13) A1
 (21) PCT/JP97/04103
 (22) **11 Nov/nov 1997 (11.11.1997)**
 (25) ja (26) ja
 (31) 8/312587 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B23Q 15/18, G05B 19/404
 (54) METHOD OF CORRECTING THERMAL DISPLACEMENT OF MACHINE TOOL
- METHODE DE CORRECTION DE DEPLACEMENT THERMIQUE DE MACHINE-OUTIL
- (71) **FANUC LTD** [JP/JP]; 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-05 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ITO, Susumu** [JP/JP]; 2-28-16, Asahigaoka, Hino-shi, Tokyo 191 (JP). **KAMIGUCHI, Masao** [JP/JP]; 1517-13, Funatsu, Kawaguchiko-machi, Minamitsuru-gun, Yamanashi 401-03 (JP). **ISHII, Hisao** [JP/JP]; 1-17-5, Mukougaoka, Bunkyo-ku, Tokyo 113 (JP). **TAKEMOTO, Masanobu** [JP/JP]; Fanuc Manshonharimomi, Room 11-303, 3517, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-05 (JP). **MAEKAWA, Susumu** [JP/JP]; Fanuc Dai3virakaramatsu, 3527-1, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-05 (JP). **KOJIMA, Kunio** [JP/JP]; Fanuc Dai3virakaramatsu, 3527-1, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-05 (JP).
- (74) **TAKEMOTO, Shoji** et al. / etc.; 2F, Yamagata Building, 23-10, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21007** (13) A1
 (21) PCT/JP96/03307
 (22) **11 Nov/nov 1996 (11.11.1996)**
 (25) ja (26) ja
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B24B 5/42, B23Q 16/02
 (54) METHOD AND APPARATUS FOR CRANKPIN PHASE INDEXING
 PROCEDE ET APPAREIL UTILISES POUR POSITIONNER EN PHASE UN MANETON DE VILBREQUIN
- (71) **NIPPEI TOYAMA CORPORATION** [JP/JP]; 26-2, Minami-Ohi 6-chome, Shinagawa-ku, Tokyo-to 140 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UCHIDA, Hiroyuki** [JP/JP]; Nippei Toyama Corporation Toyama Factory, 100, Fukuno-machi, Higashi-Tonami-gun, Toyama-ken 939-15 (JP). **KOKAJI, Yukio** [JP/JP]; Nippei Toyama Corporation Toyama Factory, 100, Fukuno-machi, Higashi-Tonami-gun, Toyama-ken 939-15 (JP).
- (74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu-ken 500 (JP).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21008** (13) A1
 (21) PCT/US97/20374
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 08/751,014 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B24B 37/04
 (54) BEARING ASSEMBLY FOR WAFER PLANARIZATION CARRIER
 ENSEMBLE SUPPORT POUR PORTE-PLAQUETTE UTILISE EN COURS DE PLANARISATION
- (71) **SPEEDFAM CORPORATION** [US/US]; 305 North 54th Street, Chandler, AZ 85226 (US).

(72) **CESNA, Joseph, V.**; 7029 W. Kedzie, Niles, IL 60714 (US). **GROSSLIGHT, Gordon, J.**; P.O. Box 418, Westcliffe, CO 81252 (US). **KARLS-RUD, Chris**; 4685 W. Carla Vista, Chandler, AZ 85226 (US).

(74) **SCHMELZER, Troy, M.** et al. / etc.; Snell & Wilmer, One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-0001 (US).

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

Published / Publiée : (c)

(11) **WO 98/21009** (13) A1

(21) PCT/AT97/00244

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) A 1987/96 (32) **13 Nov/nov 1996 (13.11.1996)** (33) AT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B24D 3/14

(54) ABRASIVE BODY AND PROCESS FOR MANUFACTURING THE SAME
CORPS ABRASIF ET SON PROCEDE DE FABRICATION

(71) **RAPPOLD INTERNATIONAL SALES AG** [CH/CH]; Untere Heslibachstrasse 43, CH-8700 Küsnacht (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAPPOLD, Edgar** [CH/CH]; Sunnmatt 14a, CH-8160 Zumikon (CH). **SIX, Gerd** [AT/AT]; Poppichl 22, A-9061 Klagenfurt (AT).

(74) **COLLIN, Hans** et al. / etc.; Mariahilferstrasse 50, A-1070 Wien (AT).

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

(11) **WO 98/21010** (13) A2

(21) PCT/NZ97/00152

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 286561 (32) **10 Nov/nov 1996 (10.11.1996)** (33) NZ

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B25B

(54) ACCESSORY PACKAGE FOR IMPROVED HAND TOOL
ENSEMBLE ACCESSOIRES DESTINE A UN OUTIL MANUEL PERFECTIONNE

(71, 72) **BAKER, Rodney, William** [NZ/NZ]; 23 Penrod Drive, Bell Block, New Plymouth (NZ).

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

(11) **WO 98/21011** (13) A1

(21) PCT/FR97/02008

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13641 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B25B 13/50

(54) TOOL ADAPTABLE TO A DRILLING MACHINE OR A SCREW DRIVING MACHINE FOR TURNING AN OBJECT SUCH AS A CLAMPING COLLAR FOR TUBES, PIPES, DUCTS OR THE LIKE
OUTIL ADAPTABLE A UNE PERCEUSE OU UNE VISSEUSE-DEVISSSEUSE POUR FAIRE TOURNER UN OBJET TEL QU'UN COLLIER DE MAINTIEN POUR TUBES, TUYEAUX, CANALISATIONS OU AUTRES

(71, 72) **LE ROY, Loïc** [FR/FR]; 4, impasse du Parc, F-77400 Pomponne (FR).

(74) **COURNARIE, Michèle** et al. / etc.; Office Blétry, 2, boulevard de Strasbourg, F-75010 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 98/21012** (13) A1

(21) PCT/SE97/01619

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) en (26) en

(31) 9604160-3 (32) **14 Nov/nov 1996 (14.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B25B 13/50, 7/04

(54) PIPE WRENCH WITH DIFFERENTIATED TOOTH SIZE
CLE SERRE-TUBE AVEC DENTS DE GRANDEURS DIFFERENCIEES

(71) **SANDVIK AKTIEBOLAG** [SE/SE]; S-811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JANSSON, Conny** [SE/SE]; Renvägen 7, S-745 71 Enköping (SE).

(74) **SUNDSTRÖM, Erik** et al. / etc.; Sandvik Aktiebolag, Patent Dept., S-811 81 Sandviken (SE).

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

(11) **WO 98/21013** (13) A1

(21) PCT/AU97/00761

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) PO 3541 (32) **8 Nov/nov 1996 (08.11.1996)** (33) AU

(31) 12297/97 (32) **24 Jan/jan 1997 (24.01.1997)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B25D 3/00, B27G 17/02, 17/08

(54) REPLACEABLE BLADES AND TOOLS UTILISING SAME
LAMES REMPLAÇABLES ET OUTILS LES UTILISANT

(71) **FIRST AUSTRALIA DESIGN TECHNOLOGY** [AU/AU]; PTY Limited, Suite 8, 52 High Street, Toowong, QLD 4066 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BATCHELOR, Paul** [AU/AU]; Suite 8, 52 High Street, Toowong, QLD 4066 (AU).

(74) **MAXWELL, Peter, Francis**; Peter Maxwell & Associates, Level 6, 60 Pitt 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21014** (13) A1

(21) PCT/EP97/06242

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 46 622.9 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B25D 17/04, 17/24

(54) WORKING TOOL THAT CAN BE GUIDED IN A GRAB HANDLE
OUTIL POUVANT ETRE GUIDE DANS UNE POIGNEE

(71) **WACKER-WERKE GMBH & CO. KG** [DE/DE]; Preussenstrasse 41, D-80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAMP, Edith** [DE/DE]; Schlotthauerstrasse 1, D-81541 München (DE). **BERGER, Rudolf** [DE/DE]; Siegenburgerstrasse 31, D-81373 München (DE). **MAURER, Thomas** [DE/DE]; Grashofstrasse 81, D-80995 München (DE).

(74) **HOFFMANN, Jörg, Peter**; Müller & Hoffmann, Innere Wiener Strasse 17, D-81667 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/21015** (13) A1

(21) PCT/EP97/06312

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 296 19 685.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B25F 5/02

(54) AUXILIARY MEASURING APPARATUS FOR HAND MACHINES
AUXILIAIRE DE MESURE POUR MACHINES MANUELLES

(71, 72) **REITER, Günther** [DE/DE]; Ringstrasse 8, D-87782 Unteregg (DE).

(74) **FIENER, Josef**; Maximilianstrasse 57, Postfach 12 49, D-87712 Mindelheim (DE).

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

Published / Publiée : (c)

- (11) **WO 98/21016** (13) A1
 (21) PCT/FI97/00681
 (22) **10 Nov/nov 1997 (10.11.1997)**
 (25) en (26) en
 (31) 964523 (32) **11 Nov/nov 1996 (11.11.1996)** (33) FI
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B26D 7/00, B65H 27/00
 (54) PRESS ROLL UNIT FOR REEL-UP OF PAPER CUTTER
 UNITE ROULEAUX DE PRESSE POUR ENROULEUSE DE COUPEUSE A PAPIER
- (71) **KCI KONECRANES INTERNATIONAL CORPORATION** [FI/FI]; Koneenkatu 8, FIN-05830 Hyvinkää (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UUSKOSKI, Klaus** [FI/FI]; Aittatie 12 D, FIN-05880 Hyvinkää (FI). **VIRTA, Jouko** [FI/FI]; Ahdenkallionkatu 21 a 5, FIN-05820 Hyvinkää (FI).
- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) CA DE ID JP RU SE US.
-
- (11) **WO 98/21017** (13) A1
 (21) PCT/IB97/01413
 (22) **10 Nov/nov 1997 (10.11.1997)**
 (25) de (26) de
 (31) 2806/96 (32) **13 Nov/nov 1996 (13.11.1996)** (33) CH
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B28B 1/52, 23/04, C04B 20/00, 28/02, E04C 5/07
 (54) PROCESS FOR PRODUCING A SUBSTANTIALLY CRACK-FREE CONCRETE BODY
 PROCEDE DE FABRICATION D'UN CORPES EN BETON SENSIBLEMENT EXEMPT DE FISURES
- (71, 72) **FRIEDRICH, Thomas** [DE/CH]; Rebbegstrasse 44, CH-8049 Zürich (CH).
- (74) **E. BLUM & CO.**; Vorderberg 11, CH-8044 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21018** (13) A1
 (21) PCT/JP97/04004
 (22) **4 Nov/nov 1997 (04.11.1997)**
 (25) ja (26) ja
 (31) 8/302944 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
 (31) 8/341214 (32) **20 Dec/déc 1996 (20.12.1996)** (33) JP
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B29C 33/20, 45/56, 45/70
- (35) COMPRESSION DEVICE FOR MOLDING, INJECTION COMPRESSION MOLDING MACHINE, AND INJECTION COMPRESSION MOLDING METHOD USING COMPRESSION DEVICE
 DISPOSITIF DE COMPRESSION POUR MOULAGE, MACHINE DE MOULAGE PAR INJECTION-COMPRESSION ET PROCEDE DE MOULAGE PAR INJECTION-COMPRESSION UTILISANT CE DISPOSITIF DE COMPRESSION
- (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Shiba 5-chome, Minato-ku, Tokyo 108 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ABE, Tomokazu** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-01 (JP). **MATSUI, Tsuneo** [JP/JP]; Kyowa Industrial Co., Ltd., 29-1, Kamisugoro, Oaza, Sanjyo-shi, Niigata 955 (JP).
- (74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-01 (JP).
- (81) CA CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21019** (13) A1
 (21) PCT/DE97/02143
 (22) **20 Sep/sep 1997 (20.09.1997)**
 (25) de (26) de
 (31) 196 46 365.3 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B29C 49/42
 (54) METHOD AND DEVICE FOR TRANSFERRING CASTINGS
 PROCEDE ET DISPOSITIF DE TRANSFERT DE PIECES MOULEES
- (71) **KRUPP CORPOPLAST MASCHINENBAU GMBH** [DE/DE]; Meindorfer Strasse 203, D-22145 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOGEL, Klaus** [DE/DE]; Ruetterberg 4a, D-22885 Barsbüttel (DE). **LINKE, Michael** [DE/DE]; Scheunenköppl 12, D-22926 Ahrensburg (DE). **CHOINSKI, Julian** [DE/DE]; Conventstrasse 7, D-22089 Hamburg (DE).
- (74) **KLICKOW, Hans-Henning** et al. / etc.; Jessenstrasse 4, D-22767 Hamburg (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG 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 98/21020** (13) A1
 (21) PCT/AU97/00774
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) PO 3556 (32) **12 Nov/nov 1996 (12.11.1996)** (33) AU
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B29C 53/36, B31F 5/04, D06C 25/00
 (54) BONDING OF OPEN MESH SHEET MATERIAL
- PROCEDE DE LIAISON POUR MATERIAU EN FEUILLES A MAILLES OUVERTES
- (71, 72) **MARZEC, Lila, Margaret** [AU/AU]; 206 Childers Street, North Adelaide, S.A. 5006 (AU). **SHEEHAN, Robert, Douglas** [AU/AU]; 1 Sheidow Terrace, Marino Rocks, S.A. 5049 (AU).
- (74) **A.P.T. PATENT AND TRADE MARK ATTORNEYS**; G.P.O. Box 772, Adelaide, S.A. 5001 (AU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (a)
-
- (11) **WO 98/21021** (13) A1
 (21) PCT/US97/16917
 (22) **23 Sep/sep 1997 (23.09.1997)**
 (25) en (26) en
 (31) 08/745,437 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B29C 59/00, 67/00, B29D 22/00, 23/00, B32B 18/00, 31/12, 3/26, 1/08, C08F 8/00, 277/00, 279/00, 293/00, 295/00, 297/00, C08J 5/00, C08K 5/00, 5/07, C08L 67/00, 43/00, 63/00
 (54) COMPOSITION AND METHOD FOR PRODUCING A REINFORCED POLYMERIC ARTICLE BY PULTRUSION MOLDING
 COMPOSITION ET PROCEDE POUR LA PRODUCTION D'UN ARTICLE POLYMERRE RENFORCE PAR MOULAGE PAR PULTRUSION
- (71) **AZTEC PEROXIDES, INC.** [US/US]; 555 Garden Street, Elyria, OH 44035 (US).
- (72) **JOHNSON, Michele, Ceh**; 1479 Hunter's Chase Drive #3B, Westlake, OH 44145 (US).
- (74) **POCHOPIEN, Donald, J.** et al. / etc.; McAndrews, Held & Malloy, Ltd., Suite 3400, 500 West Madison Street, Chicago, IL 60661 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21022** (13) A1
 (21) PCT/FR97/02023
 (22) **10 Nov/nov 1997 (10.11.1997)**
 (25) fr (26) fr
 (31) 96 14049 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FR
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B29C 65/02, B23Q 1/26, 1/62, 1/54
 (54) MACHINE FOR WELDING SYNTHETIC SHEETS OR FILMS
 MACHINE DE SOUDAGE DE FEUILLES OU FILMS EN MATIERE SYNTHETIQUE
- (71) **MPHI S.A. (SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE)** [FR/FR]; 66, route Nationale, F-68510 Sierentz (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RUHLMANN, René, Philippe** [FR/FR]; 2, rue de Pfulgriesheim, F-67370 Griesheim sur Souffel (FR).

(74) **CABINET NUSS**; 10, rue Jacques Kablé, F-67080 Strasbourg Cedex (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21023** (13) A1

(21) PCT/US97/04575

(22) **17 Mar/mar 1997 (17.03.1997)**

(25) en (26) en

(31) 08/751,527 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B29C 65/02, H05B 6/10, 3/56

(54) WIRE ASSEMBLY AND METHOD OF INDUCTION HEATING
ENSEMBLE CABLE ET PROCEDE DE CHAUFFAGE PAR INDUCTION

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

(72) **ALARCON, Sergio, A.**; 6801 River Place Boulevard, Austin, TX 78726-9000 (US). **COSMAN, Armond, D.**; 6801 River Place Boulevard, Austin, TX 78726-9000 (US).

(74) **CHERNIVEC, Gerald, F.** 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; 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 98/21024** (13) A1

(21) PCT/BE97/00116

(22) **9 Oct/oct 1997 (09.10.1997)**

(25) nl (26) en

(31) 9600853 (32) **10 Oct/oct 1996 (10.10.1996)** (33) BE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B29D 23/00, B29C 65/48, 65/18, F16L 11/22

(54) PROCESS AND DEVICE FOR PRODUCING A FLEXIBLE HOSE COMBINATION
PROCEDE ET DISPOSITIF POUR PRODUIRE UN ENSEMBLE TUYAU FLEXIBLE

(71) **PLASTIFLEX EUROPE N.V.** [BE/BE]; Beverloesteweg 99, B-3583 Paal-Beringen (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIELS, Domin** [BE/BE]; Rooten 7, B-2275 Gierle (BE).

(74) **PIERAERTS, Jacques** 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 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 98/21025** (13) A1

(21) PCT/JP97/04096

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) ja (26) ja

(31) 8/298360 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B29D 30/32

(54) SINGLE STAGE MOLDING MACHINE FOR RADIAL TIRES
MACHINE A MOULER EN UN TEMPS POUR PNEUS RADIAUX

(71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKIYAMA, Naruhiro** [JP/JP]; 2-5-502, Oga-wahigashi-cho 3-chome, Kodaira-shi, Tokyo 187 (JP). **SAKYORI, Kiyoshi** [JP/JP]; 19-1-301, Miumi-cho 1-chome, Higashimurayama-shi, Tokyo 189 (JP).

(74) **SUGIMURA, Akihide** et al. / etc.; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) **WO 98/21026** (13) A1

(21) PCT/US97/20644

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,939 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B32B 3/00, 9/00, 5/16

(54) COATED SYNTHETIC RESIN BOARD TILES
CARREAUX POUR SOL EN RESINE SYNTHETIQUE REVETUS

(71, 72) **WITT, Alvin, E.** [US/US]; 413 Cranberry Drive, West Chester, PA 19382 (US).

(72) **HUMPHREYS, Matthew, F.**; 128 East Logan Street, Bellefonte, PA 16823 (US). **TOMASKO, Joseph, E.**; R.R. 2, Box 170, Allport, PA 16821 (US).

(74) **RENZ, Eugene, E., Jr.**; Eugene E. Renz, Jr. P.C., 205 North Monroe Street, P.O. Box 2056, Media, PA 19063 (US).

(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).

Published / Publiée : (b)

(11) **WO 98/21027** (13) A1

(21) PCT/CA97/00836

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 2,190,024 (32) **8 Nov/nov 1996 (08.11.1996)** (33) CA

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B32B 3/30, E04F 15/20

(54) USE OF A SOUND ABSORBING SUBSTRATE AS AN UNDERLAYER IN A FLOORING STRUCTURE
UTILISATION D'UN SUBSTRAT ABSORBANT PHONIQUE COMME SOUS-COUCHE D'UNE STRUCTURE DE PLANCHER

(71) **ROYAL MAT INTERNATIONAL INC.** [CA/CA]; 132, 181e Rue, Beauceville, Beauce, Quebec G0S 1A0 (CA).

(72) **DUCHARME, Robert**; 63, rang Sainte-Claire, Sainte-Anne-des-Prairies, Quebec J3N 1H0 (CA).

(74) **ORLHAC, Thierry**; Robic, 55, Saint-Jacques, Montreal, Quebec H2Y 3X2 (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 KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (b)

(11) **WO 98/21028** (13) A1

(21) PCT/EP97/06234

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 46 657.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B32B 15/01, A44C 21/00

(54) COMPOSITE STRATIFIED MATERIAL AND ITS USE FOR COINS
MATERIAU COMPOSITE STRATIFIE ET SON UTILISATION POUR DES PIECES DE MONNAIE

(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) **KOLB-TELIEPS, Angelika** [DE/DE]; Am Willigloh 24, D-58509 Lüdenscheid (DE). **HEUBNER, Ulrich** [DE/DE]; Borgheller Strasse 28, D-58791 Werdohl (DE).

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

Published / Publiée : (c)

(11) **WO 98/21029** (13) A1

(21) PCT/IB97/01426

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/746,539 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

- (51)⁶ B32B 15/08, B63B 5/24, 3/20
- (54) COMPOSITE STEEL STRUCTURAL PLASTIC SANDWICH PLATE SYSTEMS
SYSTEMES STRUCTURAUX DE PLAQUES STRATIFIEES COMPOSITES ACIER-PLASTIQUE
- (63) US 08/746,539 (CON)
13 Nov/nov 1996 (13.11.1996)
- (71) **FERN INVESTMENTS LIMITED** [-/-]; Ordinance House, 31 Pier Road, St. Helier, Jersey, Channel Islands (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KENNEDY, Stephen, J.** [CA/CA]; 42 Hampton Avenue, Ottawa, Ontario K1Y 0N2 (CA).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21030** (13) A1
- (21) PCT/JP97/04048
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) ja (26) ja
- (31) 8/296898 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
- (31) 8/296899 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
- (31) 8/296900 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
- (31) 8/296901 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
- (31) 9/43456 (32) **27 Feb/fév 1997 (27.02.1997)** (33) JP
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B32B 27/00, C08J 5/12, 3/20, C08L 81/02
- (54) MULTI-LAYER MOLDINGS AND POLYPHENYLENE SULFIDE RESIN COMPOSITION
MATIERES MOULEES MULTICOUCHEES ET COMPOSITION DE RESINE DE SULFURE DE POLYPHENYLENE
- (71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103 (JP).
- (72) **TATEYAMA, Masaru**; 214, Toray-Takemiryō, 34, Takemicho 1-chome, Mizuho-ku, Nagoya-shi, Aichi 467 (JP). **MATSUI, Kazufumi**; 1-2-4, Toray Shataku, 81, Ikegamidai 1-chome, Midori-ku, Nagoya-shi, Aichi 458 (JP). **SHIMIZU, Sachio**; 109, Shioyamaguchi 2-chome, Tenpaku-ku, Nagoya-shi, Aichi 468 (JP). **OHNO, Katsuya**; 10, Tsurutacho 2-chome, Gifu-shi, Gifu 500 (JP). **SHIMASAKI, Norio**; 2, Mizusato 2-chome, Nakagawa-ku, Nagoya-shi, Aichi 454 (JP). **ISHIO, Atsushi**; 15-4, Sanjo 2-chome, Minami-ku, Nagoya-shi, Aichi 457 (JP). **KOBAYASHI, Kazuhiko**; 28-24, Minatomachi 3-chome, Tokoname-shi, Aichi 479 (JP).
- (81) CN KR SG VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21031** (13) A1
- (21) PCT/EP97/06120
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) de (26) de
- (31) 196 46 212.6 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B32B 27/04, C08L 83/04, C09J 7/02, B32B 7/06
- (54) MULTILAYER COMPOSITE BODY
CORPS COMPOSITE MULTICOUCHE
- (71) **PELIKAN SCOTLAND LIMITED** [GB/GB]; 3 Newmans Row, Lincolns Office Village, Lincoln Road, Cressex Business Park, High Wycombe, Bucks HP12 3RE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOGARTH, Ian, W.** [GB/GB]; 8 Delgaty Terrace, Turriff, Aberdeenshire AB53 4AU (GB). **WILKINSON, Robert, I.** [GB/GB]; 6 Wrae Cottages, Turriff, Aberdeenshire AB53 4NX (GB). **RÖTHWELL, Rachel, F.** [GB/GB]; 32 Nether Blackhall, Inverurie, Aberdeenshire AB51 4EW (GB).
- (74) **HAGEMANN, Heinrich** et al. / etc.; Hagemann, Braun & Held, Postfach 86 03 29, D-81630 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21032** (13) A2
- (21) PCT/US97/20834
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) en (26) en
- (31) 08/749,442 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (31) 08/789,682 (32) **27 Jan/jan 1997 (27.01.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B32B 27/32, B65D 65/40
- (54) MULTI-LAYER FLEXIBLE CONTAINER FOR FLOWABLE MATERIALS
RECIPIENT SOUPLE MULTICOUCHE POUR PRODUITS FLUIDES
- (63) US 08/749,442 (CIP)
15 Nov/nov 1996 (15.11.1996)
US 08/789,682 (CIP)
27 Jan/jan 1997 (27.01.1997)
- (71) **TETRA LAVAL HOLDINGS & FINANCE, S.A.** [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEYDARPOUR, Ramin** [US/US]; 320 N. Maple Drive, P7, Beverly Hills, CA 90210 (US). **ASP, Ann-Magret** [SE/SE]; Faggott Grand 19B, S-224 68 Lund (SE). **TOKATLI, Kamil** [TR/US]; Apartment 1809, 2901 S. Michigan Avenue, Chicago, IL 60616 (US).
- (74) **CATANIA, Michael, A.**; Tetra Pak, U.S. Intellectual Property Dept., 909 Asbury Drive, Buffalo Grove, IL 60089 (US).
-
- (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 98/21033** (13) A1
- (21) PCT/US97/19365
- (22) **28 Oct/oct 1997 (28.10.1997)**
- (25) en (26) en
- (31) 08/751,134 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B32B 31/00
- (54) CELL AUDITING SCHEME FOR STORAGE LIBRARY SYSTEM
DISPOSITIF DE VERIFICATION DE CELLULE POUR SYSTEME DE BIBLIOTHEQUE DE STOCKAGE
- (71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; 2270 South 88th Street, Louisville, CO 80028-4309 (US).
- (72) **MANES, Joseph, P.**; 7571 Ames Street, Arvada, CO 80003 (US). **WAIT, Donald, B.**; 740 34th Street, Boulder, CO 80303 (US). **CREAGER, Robert, S.**; P.O. Box 1319, Berthoud, CO 80513 (US). **MEHLBERG, Adam**; 632 Pratt Street, Longmont, CO 80501 (US). **TODOR, John, S.**; 6771 Beech Drive, Arvada, CO 80004 (US). **FALACE, Joseph, P.**; 131 South Madison Avenue, Louisville, CO 80027 (US). **WILSON, Scott, D.**; 2196 W. 116th Avenue, Westminster, CO 80234 (US).
- (74) **QUINN, Christopher, W.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21034** (13) A1
- (21) PCT/US97/19985
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 60/030,989 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B32B 31/00, E04C 3/30, B31F 1/20, 1/22
- (54) DAMPED COMPOSITE STRUCTURES WITH FIBER WAVE PATTERNS AND METHOD AND APPARATUS FOR MAKING SAME
STRUCTURES COMPOSITES AMORTIES PRESENTANT DES MOTIFS DE VAGUES DE FIBRES ET PROCEDE ET DISPOSITIF DE FABRICATION ASSOCIES
- (71) **BRIGHAM YOUNG UNIVERSITY** [US/US]; Provo, UT 84602 (US).
- (72) **PRATT, William, Fossum**; 1184 E. 830 South, Pleasant Grove, UT 84062 (US). **JENSEN, Charles, G.**; 242H CB, Brigham Young University, Provo, UT 84602 (US). **TREGO, Angela**; Apartment 1C-206, 23811 110th Avenue, S.E., Kent, WA 98031 (US). **EASTMAN, Paul, F.**; 435 CTB, Brigham Young University, Provo, UT 84602 (US).

- (74) **BLUMENTHAL, David, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

- (11) **WO 98/21035** (13) A1
(21) PCT/US97/20167
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) en (26) en
(31) 60/030,684 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(31) 60/057,279 (32) **29 Aug/Août 1997 (29.08.1997)** (33) US
(31) 08/949,404 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B32B 31/08, A61F 13/15, B65H 39/16, 23/188
(54) VARIABLE TENSION PROCESS AND APPARATUS FOR CONTINUOUSLY MOVING LAYERS PROCEDE ET DISPOSITIF DE TENSIONNEMENT VARIABLE POUR COUCHES CONTINUELLEMENT EN MOUVEMENT
(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
(72) **POPP, Robert, Lee**; 805 Giese Street, Hortonville, WI 54944 (US). **BRANDON, Robert, Griffiths**; 20 Bittersweet Court, Appleton, WI 54914 (US). **CHAPDELAINE, Louis, Maurice**; 2123 Cloudview Court, Appleton, WI 54914 (US). **COENEN, Joseph, Daniel**; 510 Lincoln Street, Neenah, WI 54956 (US). **KASTMAN, Scott, Lee**; W6768 Greenridge Drive, Greenville, WI 54942 (US). **WOOLWINE, Devertt, DeWayne**; 126 Cheryl Ann Drive, Neenah, WI 54956 (US).
(74) **MILLER, Douglas, L.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).
(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).

Published / Publiée : (c)

- (11) **WO 98/21036** (13) A1
(21) PCT/CH96/00404
(22) **12 Nov/nov 1996 (12.11.1996)**
(25) fr (26) fr
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B32B 31/20, G06K 19/077
(54) METHOD FOR MAKING CARDS AND CARDS OBTAINED BY THIS METHOD PROCEDE DE FABRICATION DE CARTES ET CARTES FABRIQUEES SELON CE PROCEDE

- (71, 72) **DROZ, François** [CH/CH]; Prairie 46, CH-2300 La Chaux-de-Fonds (CH).
(74) **BOVARD S.A.**; Optingenstrasse 16, CH-3000 Berne 25 (CH).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (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 98/21037** (13) A1
(21) PCT/US97/19616
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/749,050 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B41C 1/10, B41N 1/00
(54) A PROCESSLESS PLANOGRAPHIC PRINTING PLATE PLAQUE D'IMPRESSION PLANOGRAPHIQUE SANS TRAITEMENT
(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650 (US).
(72) **BAILEY, David, B.**; 920 Joylene Drive, Webster, NY 14580 (US). **HARRIS, Mark, A.**; 93 Bram Hall Drive, Rochester, NY 14626 (US). **BURBERRY, Mitchell, S.**; 299 Maidstone Drive, Webster, NJ 14580 (US).
(74) **TUCKER, J., Lanny**; 343 State Street, Rochester, NY 14650-2201 (US).
(81) CN.

- (11) **WO 98/21038** (13) A1
(21) PCT/US97/20138
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/745,534 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B41C 1/10, B41M 5/36, G03F 7/004, 7/038
(54) RADIATION-SENSITIVE COMPOSITIONS AND PRINTING PLATES COMPOSITIONS SENSIBLES AUX RAYONNEMENTS ET PLANCHES D'IMPRESSION
(71) **SUN CHEMICAL CORPORATION** [US/US]; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

- (72) **NGUYEN, My, T.**; 21 Stemler Drive, Cliffwood, NJ 07721 (US). **SARAIYA, Shashikant**; 5 Amherst Court, Parlin, NJ 08859 (US). **SHAH, Ajay**; One Alpine Way, Livingston, NJ 07039 (US). **SHIMAZU, Ken-Ichi**; 494 Chappaqua Road, Briarcliff Manor, NY 10704 (US). **PAPPAS, S., Peter**; 101 Rock Spring, West Orange, NJ 07052 (US). **HALLMAN, Robert**; 588 Windsor Drive, Palisades Park, NJ 07050 (US).
(74) **PERSLEY, Sidney**; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).
(81); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21039** (13) A1
(21) PCT/RU97/00351
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) ru (26) ru
(31) 96121709 (32) **14 Nov/nov 1996 (14.11.1996)** (33) RU
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B41J 3/36
(54) METHOD FOR PRINTING LINE-BY-LINE AND LINE-BY-LINE PRINTING APPARATUS METHODE D'IMPRESSION LIGNE PAR LIGNE ET DISPOSITIF D'IMPRESSION LIGNE PAR LIGNE
(71) **AKTSIONERNOE OBSHCHESTVO ZAKRYTOGO TIPA "PARAGRAF-INTERFEIS"** [RU/RU]; Rozhdestvensky bulvar, 21-1, Moscow, 103045 (RU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **POLEGENKAYA, Alla Grigorievna** [RU/RU]; ul. Rossoshanskaya, 3-2-162, Moscow, 113535 (RU). **KOROLKOV, Mikhail Mukhailovich** [RU/RU]; ul. Cherepovetskaya, 12-78, Moscow, 127576 (RU).
(74) **PATENT SERVICES CENTRE "PATIS"**; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).
(81) DE GB JP KR US.

- (11) **WO 98/21040** (13) A1
(21) PCT/JP97/03940
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) ja (26) ja
(31) 8/296726 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B41J 11/48, 3/54
(54) PRINTER IMPRIMANTE
(71) **STAR MICRONICS CO., LTD.** [JP/JP]; 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ONO, Kazuyasu** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP). **SUZUKI, Kanji** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP). **KANBE, Hideo** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP).
(74) **SAIKYO, Keiichiro** et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (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 98/21041** (13) A1
(21) PCT/JP97/03939
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) ja (26) ja
(31) 8/296722 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
(31) 8/296723 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
(31) 8/296724 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B41J 15/00, 15/04, 11/00, 11/42, 11/48, 29/12

(54) RECORDING APPARATUS
APPAREIL D'ENREGISTREMENT

(71) **STAR MICRONICS CO., LTD.** [JP/JP]; 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ONO, Kazuyasu** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP). **KANBE, Hideo** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP). **NONAKA, Tadashi** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP). **SUZUKI, Kanji** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP).

(74) **SAIKYO, Keiichiro** et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (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 98/21042** (13) A1

(21) PCT/FR97/01970

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) fr (26) fr

(31) 96/13744 (32) **12 Nov/nov 1996 (12.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B41J 25/316, 29/13

(54) DEVICE FOR PRINTING A STRIP MEDIUM
DISPOSITIF D'IMPRESSION D'UN SUPPORT
EN BANDE

(71) **AXIOHM** [FR/FR]; 1 à 9, rue d'Arcueil, F-92120 Montrouge (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERTHELOT, Francis** [FR/FR]; 16, allée de Hauterive, F-91190 Gif sur Yvette (FR).

(74) **ROBERT, Jean-Pierre** et al. / etc.; Cabinet Boettcher, 23, rue La Boétie, F-75008 Paris (FR).

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

(11) **WO 98/21043** (13) A1

(21) PCT/JP97/03941

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) ja (26) ja

(31) 8/296725 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B41J 29/00, 29/42

(54) PRINTER
IMPRIMANTE

(71) **STAR MICRONICS CO., LTD.** [JP/JP]; 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ONO, Kazuyasu** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP). **AMANO, Tomoaki** [JP/JP]; Star Micronics Co., Ltd., 20-10, Nakayoshida, Shizuoka-shi, Shizuoka 422 (JP).

(74) **SAIKYO, Keiichiro** et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541 (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 98/21044** (13) A1

(21) PCT/US97/20552

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/745,699 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B41J 29/38, G06F 15/00

(54) SYSTEM AND METHOD FOR SYNCHRONIZING CLOCK SOURCES DRIVING PIEZOELECTRIC CRYSTALS OF INK JET PRINTHEADS
SYSTEME ET PROCEDE DE SYNCHRONISATION DE SOURCES DE SIGNAUX D'HORLOGE COMMANDANT DES CRISTAUX PIEZO-ELECTRIQUES DE TETES D'IMPRESSION A JET D'ENCRE

(71) **VARIS CORPORATION** [US/US]; 7500 Innovation Way, Mason, OH 45040 (US).

(72) **GAUTHIER, Forrest, P.**; 8792 Maineville Road, Maineville, OH 45039 (US). **JOVIC, Dimitrije, L.**; 10883 Lakehurst Court, Cincinnati, OH 45242 (US).

(74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine Flory LLP, 2000 Courthouse Plaza, N.E., P.O. Box 8801, Dayton, OH 45401-8801 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21045** (13) A1

(21) PCT/US97/20732

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/742,272 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B41L 25/00, 25/18

(54) INK RECEPTIVE DAMPENING SYSTEM FOR LITHOGRAPHIC PRINTING PRESS
SYSTEME MOUILLEUR DE RECEPTION D'ENCRE POUR PRESSE D'IMPRESSION LITHOGRAPHIQUE

(71, 72) **KELLER, James, J.** [US/US]; 1806 East Main Street, Mesa, AZ 85203 (US).

(72) **CLAY, David**; 11103 Indian Trail, Dallas, TX 75229 (US).

(74) **MONTGOMERY, John, W.**; Gardere & Wynne, L.L.P., 3000 Thanksgiving Tower, 1601 Elm Street, Dallas, TX 75201-4761 (US).

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

Published / Publiée : (c)

(11) **WO 98/21046** (13) A1

(21) PCT/GB97/03086

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9623485.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B41M 3/14, C09D 11/00, G07F 7/12, C09K 11/02, G06K 19/02, B42D 15/00

(54) IMPROVEMENT IN SECURITY SYSTEMS
AMELIORATIONS APPORTEES A DES SYSTEMES DE SECURITE

(71) **SMARTWATER LIMITED** [GB/GB]; 26-28 Goodhall Street, Walsall, West Midlands WS1 1QL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLEARY, Michael** [GB/GB]; Dawpool Old School House, School Lane, Thurstaston, Wirral L61 0HH (GB).

(74) **THOMSON, Paul, A.**; Potts, Kerr & Co., 15 Hamilton Square, Birkenhead, Merseyside L41 6BR (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 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 98/21047** (13) A1

(21) PCT/GB97/02972

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 9623467.9 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B41M 5/00, D21H 27/00

(54) PRINTING PROCESS, PRINTING PAPER AND METHOD AND MANUFACTURING PAPER
PROCEDE ET PAPIER D'IMPRESSION ET PROCEDE DE FABRICATION DE PAPIER

(71) **REXAM COATED PRODUCTS LIMITED** [GB/GB]; 9th floor West, 114 Knightsbridge, London SW1X 7NN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OWEN, Peter, Kevin** [GB/GB]; Trebarwith, Ashford Road, Chilham, Kent CT4 8EE (GB).

(74) **RAYNOR, Simon, Mark**; Urquhart-Dykes & Lord, Midsummer House, 411C Midsummer Boulevard, Central Milton Keynes MK9 3BN (GB).

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

(11) **WO 98/21048** (13) A1

(21) PCT/JP97/04032

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) ja (26) ja

(31) 8/298431 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(31) 8/298434 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(31) 9/60640 (32) **14 Mar/mar 1997 (14.03.1997)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B41M 5/00, C08L 75/08

(54) WATER-COLOR INK ABSORBING MATERIAL AND LAMINATED FILM HAVING LAYER OF THE ABSORBING MATERIAL
MATERIAU ABSORBANT L'ENCRE AQUEUSE ET FILM STRATIFIE COMPORTANT UNE COUCHE DUDIT MATERIAU

(71) **BANDO CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 2-15, Meiwa-dori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652 (JP).

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

(72, 75) **SATO, Hiroki** [JP/JP]; Bando Chemical Industries, Ltd., 2-15, Meiwa-dori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652 (JP). **TAGUCHI, Yoshio** [JP/JP]; Bando Chemical Industries, Ltd., 2-15, Meiwa-dori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652 (JP). **SHOYAMA, Noriko** [JP/JP]; Bando Chemical Industries, Ltd., 2-15, Meiwa-dori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Building, 4-8, Usubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550 (JP).

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

(11) **WO 98/21049** (13) A1

(21) PCT/SE97/01877

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9604126-4 (32) **11 Nov/nov 1996 (11.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B42C 9/00, 11/00

(54) A COVER INTENDED FOR THE FABRICATION OF A BOOKLET, A METHOD OF HANDLING SUCH COVERS, AND A METHOD OF FABRICATING SUCH BOOKLETS
COUVERTURE DESTINEE A LA FABRICATION DE LIVRETS, PROCEDE DE MANUTENTION DE CES COUVERTURES ET PROCEDE DE FABRICATION DE TELS LIVRETS

(71) **BINDOMATIC AB** [SE/SE]; P.O. Box 42101, S-126 14 Stockholm (SE).

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

(72, 75) **SABELSTRÖM, Jan** [SE/SE]; Taggsvampsvägen 173, S-141 60 Huddinge (SE).

(74) **KARLSSON, Leif**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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 98/21050** (13) A1

(21) PCT/SE97/01878

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9604127-2 (32) **11 Nov/nov 1996 (11.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B42C 9/00, B42D 1/04

(54) A COVER INTENDED FOR THE FABRICATION OF A BOOKLET, AND A METHOD OF FABRICATING SUCH BOOKLETS
COUVERTURE DESTINEE A LA FABRICATION DE LIVRETS, ET PROCEDE DE FABRICATION DE TELS LIVRETS

(71) **BINDOMATIC AB** [SE/SE]; P.O. Box 42101, S-126 14 Stockholm (SE).

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

(72, 75) **SABELSTRÖM, Jan** [SE/SE]; Taggsvampsvägen 173, S-141 60 Huddinge (SE).

(74) **KARLSSON, Leif**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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 98/21051** (13) A1

(21) PCT/US97/20993

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,482 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B42F 13/00, 21/00, B42D 1/00, 19/00, G09F 23/10

(54) DIRECTLY MACHINE PRINTABLE INDEX SHEET HAVING INDEX TAB PORTIONS
FEUILLE D'INDEX MUNIE DE PARTIES FORMANT ONGLETS ET POUVANT ETRE DIRECTEMENT IMPRIMEE EN MACHINE

(71) **ACCO USA, INC.** [US/US]; 770 South Acco Plaza, Wheeling, IL 60090-6070 (US).

(72) **DRZEWIECKI, James, J.**; 2508 Hartford Court, Arlington Heights, IL 60004 (US).

(74) **JONES, Harry, C. III**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) CA CN GB JP MX.

Published / Publiée : (a)

(11) **WO 98/21052** (13) A2

(21) PCT/US97/21202

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,227 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B43K

(54) FLUID DISPENSING UTENSIL
USTENSILE SERVANT A DISTRIBUER UN LIQUIDE

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91003 (US).

(72) **KAUFMANN, Ranier**; Schanzenstrasse 36, D-27753 Delmenhorst (DE). **HARDER, Dale, E.**; 420 Swanson Avenue, Placentia, CA 92870 (US).

(74) **SLAVIN, Craig, A.** et al. / etc.; Oppenheimer Poms Smith, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (US).

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

(11) **WO 98/21053** (13) A1

(21) PCT/EP97/06262

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 48 630.0 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B43K 5/14, 1/08, B43L 19/00

(54) APPLICATOR
APPLICATEUR

(71) **ROTRING INTERNATIONAL GMBH & CO. KG** [DE/DE]; Schnackenburgallee 45, D-22525 Hamburg (DE).

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

(72, 75) **PFLUG, Werner** [DE/DE]; Deepener Strasse 8, D-27386 Hemslingen (DE). **MIKUTEIT, Axel** [DE/DE]; Wellingsbütteler Landstrasse 223, D-22337 Hamburg (DE).

(74) **HUBER, Arnulf**; Uexküll & Stolberg, Beselersstrasse 4, D-22607 Hamburg (DE).

(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 98/21054** (13) A1

(21) PCT/FR97/01943

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) fr (26) fr

(31) 96/13812 (32) **13 Nov/nov 1996 (13.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60B 7/20

(54) ORNAMENTAL HUB CAP FOR VEHICLE WHEELS
ENJOLIVEUR POUR ROUES DE VEHICULE

(71) **HELMSLEY LIMITED** [GB/GB]; 2nd floor, 207 High Street, Orpington, Kent BR6 0PF (GB).

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

(72, 75) **DUFRESNE, Guy** [FR/FR]; "Les Noisilles", F-37230 Pernay (FR). **LAMARQUE, Rachel** [FR/FR]; 11, allée des 5 Bonniers, F-59650 Villeneuve d'Asq (FR). **HUGER, Laurent** [FR/FR]; 32, rue du Président Coty, F-37000 Tours (FR). **SOEIRO, Pascal** [FR/FR]; 114, rue Anselme Rondenay, F-94400 Vitry sur Seine (FR).

(74) **LEVY, David**; S.A. Fedit-Loriot & Autres, Conseil en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).

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

(11) **WO 98/21055** (13) A1

(21) PCT/US97/20944

- (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 60/030,801 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B60B 27/00
 (54) VEHICLE WHEEL HUB MOUNTING SYSTEM SYSTEME DE MONTAGE D'UN MOYEU DE ROUE DE VEHICULE
 (71) **KELSEY HAYES COMPANY** [US/US]; 12025 Tech Center Drive, Livonia, MI 48150 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DIPONIO, Victor, M.** [US/US]; Apartment 104, 22843 Summer House Court, Novi, MI 48375 (US). **STRAUB, Thomas, A.** [DE/US]; 9325 Harbor Cove Circle, Whitmore Lake, MI 48189 (US).
 (74) **PAVELKO, Douglas, V.**; MacMillan, Sobanski & Todd, One Maritime Plaza, 1th floor, 720 Water Street, 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 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).
-
- Published / Publiée : (c)
-
- (11) **WO 98/21056** (13) A1
 (21) PCT/US97/20724
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 60/030,809 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B60C 5/12, 5/16, 19/00, 19/04
 (54) TUBELESS BEADED TIRE WITH SEALING BAND PNEU A TALON SANS CHAMBRE AVEC RUBAN D'ETANCHEITE
 (71) **PACEMARK, INC.** [US/US]; 5455 Spine Road, Boulder, CO 80301 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BOWMAN, Ronald, R.** [US/US]; 5455 Spine Road, Boulder, CO 80301 (US).
 (74) **ZINGER, David, F.** et al. / etc.; Sheridan Ross P.C., Suite 3500, 1700 Lincoln Street, Denver, CO 80203-4501 (US).
 (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 98/21057** (13) A1
 (21) PCT/EP97/06435
 (22) **13 Nov/nov 1997 (13.11.1997)**
 (25) en (26) en
- (31) 96/9519 (32) **13 Nov/nov 1996 (13.11.1996)** (33) ZA
 (31) 97/4778 (32) **30 May/mai 1997 (30.05.1997)** (33) ZA
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B60D 1/00, 1/34, 1/14, 1/145
 (54) IMPROVEMENTS RELATING TO COUPLING BETWEEN TOWING AND TOWED VEHICLES AMELIORATIONS CONCERNANT UN ATTELAGE D'UN VEHICULE REMORQUEUR ET D'UN VEHICULE TRACTE
 (71) **OCTROOBUREAU KISCH N.V.** [NL/NL]; De Ruyterkade 62, Curacao (AN).
(for all designated States except / pour tous les États désignés sauf US)
 (71, 72) **PIENAAR, Abel** [ZA/ZA]; 661 Louis Street, Pretoria Gardens, Gauteng, Pretoria 0082 (ZA).
 (72, 75) **HEYNS, Michiel** [ZA/ZA]; 6B Bultophoeke Street, Verwoerdburgstad, Gauteng (ZA). **RAATH, Anton, Daniel** [ZA/ZA]; 468 Sussex Avenue, Pretoria, Gauteng, Lynnwood 0081 (ZA).
 (74) **MATHISEN, MACARA & CO.**; The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge, Middlesex UB10 8BZ (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 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 98/21058** (13) A1
 (21) PCT/EP97/06049
 (22) **3 Nov/nov 1997 (03.11.1997)**
 (25) de (26) de
 (31) 196 46 081.6 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B60G 3/20
 (54) SINGLE WHEEL SUSPENSION SUSPENSION INDEPENDANTE
 (71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D-88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WIMMER, Hans** [DE/DE]; Augut 5, D-94127 Neuburg (DE).
 (74) **ZF FRIEDRICHSHAFEN AG**; D-88038 Friedrichshafen (DE).
 (81) CA HU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- Published / Publiée : (c)
-
- (11) **WO 98/21059** (13) A2
 (21) PCT/US97/19066
 (22) **21 Oct/oct 1997 (21.10.1997)**
 (25) en (26) en
 (31) 08/745,691 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B60H
 (54) DEDICATED ALTERNATOR COOLING SYSTEM FOR AUTOMOTIVE VEHICLES SYSTEME DE REFROIDISSEMENT A ALTERNATEUR SPECIFIQUE POUR VEHICULE AUTOMOBILE
 (71) **BOSCH AUTOMOTIVE MOTOR SYSTEMS CORPORATION** [US/US]; 101 First Avenue, Waltham, MA 02154 (US).
 (72) **VAN HOUTEN, Robert, J.**; 14 Lloyd Street, Winchester, MA 01890 (US). **DAY, Stephen, W.**; 4937 East Lake Road, Cazenovia, NY 13035 (US).
 (74) **OCCHIUTI, Frank, R.**; Fish & Richardson PC, 225 Franklin Street, Boston, MA 02110 (US).
 (81) AU BR CN JP KR RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21060** (13) A1
 (21) PCT/US97/19981
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 08/751,093 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B60J 5/04, B60R 19/03
 (54) COMPOSITE LAMINATE AUTOMOTIVE STRUCTURES STRUCTURES D'AUTOMOBILE, STRATIFIEES ET COMPOSITES
 (71) **HENKEL CORPORATION** [US/US]; Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
 (72) **WYCECH, Joseph, S.**; 795 Hidden Lane, Grosse Pointe Woods, MI 48236 (US).
 (74) **MEDER, Martin, G.**; Henkel Corporation, Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).
 (81) BR CA JP KR MX TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21061** (13) A1
 (21) PCT/GB97/03120
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 9623536.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B60J 10/00, 10/04
 (54) COMPILATION EDGE TRIM OR SEAL GARNITURE LATERALE OU JOINT COMPOSITE
 (71) **BTR SEALING SYSTEMS (UK) LIMITED** [GB/GB]; Beveridge Lane, Bardonia Hill, Coalville, Leicestershire LE67 1TA (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FAIRBURN, David, Geoffrey** [GB/GB]; 37 South Street, Barrow Upon Soar, Loughborough, Leicestershire LE12 8LY (GB). **FOY, Martin, J.** [GB/GB]; 6 Cambrian Way, Ashby de la Zouch, Leicestershire LE65 1DX (GB). **NAVI, Brian** [GB/GB]; 76 Fieldway, Jarrow, Tyne & Wear NE32 4QQ (GB). **WILLS, Steven, K.** [GB/GB]; 10 Whitelake Close, Melton Mowbray, Leicestershire LE13 0EQ (GB).

(74) **CARMAEL, John, William, Maurice**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21062** (13) A1

(21) PCT/JP97/04090

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) ja (26) ja

(31) 8/299120 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(31) 8/299121 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(31) 8/299122 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60K 5/06, 5/12, F16F 15/08

(54) VIBRO-ISOLATING SUPPORTING STRUCTURE FOR VERTICAL CRANKSHAFT INTERNAL COMBUSTION ENGINE
STRUCTURE DE SUPPORT VIBRO-ISOLANTE POUR MOTEUR A COMBUSTION INTERNE A VILEBREQUIN VERTICAL

(71) **YANMAR DIESEL ENGINE 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) **UYAMA, Toshiyuki** [JP/JP]; Yanmar Diesel Engine Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530 (JP).

(74) **YANO, Juichiro**; Nagahoriyachiyo Building, 11-9, Minamisemba 1-chome, Chuo-ku, Osaka-shi, Osaka 542 (JP).

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

(11) **WO 98/21063** (13) A1

(21) PCT/US97/15635

(22) **12 Sep/sep 1997 (12.09.1997)**

(25) en (26) en

(31) 08/745,743 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/833,416 (32) **4 Apr/avr 1997 (04.04.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60N 2/42, B60R 21/22

(54) SIDE AIR BAG DIRECTIONAL GUIDE SYSTEM
SYSTEME DE GUIDAGE DIRECTIONNEL POUR AIRBAG LATERAL

(71) **MAGNA LOMASON CORPORATION** [US/US]; 24600 Hallwood Court, Farmington Hills, MI 48335 (US).

(72) **HOMIER, Robert, I.**; 48655 Pinehall Drive, Plymouth, MI 48170 (US). **HOLDAMPE, Carl, J.**; 35572 Johnstown Road, Farmington Hills, MI 48335 (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) 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 98/21064** (13) A1

(21) PCT/US97/20578

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/746,460 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60N 2/44

(54) VEHICLE SEAT
SIEGE DE VEHICULE

(71) **HOOVER UNIVERSAL, INC.** [US/US]; 49200 Halyard, Plymouth, MI 48170 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUSTED, David, W.** [US/US]; 2731 Byington, Ann Arbor, MI 48105 (US). **BUTT, Timothy, R.** [US/US]; 3777 Dryden Road, Dryden, MI 48428 (US).

(74) **STEPHENSON, James, E.** et al. / etc.; Harness, Dickey & Pierce, plc, P.O. Box 828, Bloomfield Hills, MI 48303 (US).

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

Published / Publiée : (c)

(11) **WO 98/21065** (13) A1

(21) PCT/DE97/02633

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 296 19 478.6 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(31) 297 00 979.6 (32) **21 Jan/jan 1997 (21.01.1997)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60N 2/46, 2/48, 3/10

(54) MOTOR VEHICLE SEAT BENCH WITH MIDDLE ARM REST AND HEAD BANQUETTE DE VEHICULE COMPORTANT UN ACCOUDOIR ET UN APPUI-TETE

(71) **F.S. FEHRER GMBH & CO. KG** [DE/DE]; Heinrich-Fehrer-Strasse 1-3, D-97318 Kitzingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINSENMEIER, Gerhard** [DE/DE]; Röderstrasse 39, D-97618 Wollbach (DE). **MEHLING, Walter** [DE/DE]; Arndtstrasse 12, D-97209 Veitshöchheim (DE). **FLEISCHER, Georg** [DE/DE]; Annastrasse 9a, D-97072 Würzburg (DE).

(74) **BÖCK, Bernhard** et al. / etc.; Böck + Tappe, Kollegen, Egloffsteinstrasse 7, D-97072 Würzburg (DE).

(81) DE US.

Published / Publiée : (c)

(11) **WO 98/21066** (13) A1

(21) PCT/EP97/05755

(22) **18 Oct/oct 1997 (18.10.1997)**

(25) de (26) de

(31) 296 19 592.8 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(31) 197 19 274.2 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60N 3/04

(54) REUSABLE SHAPED FLOOR CARPETS
TAPIS DE PLANCHER FACONNE RECYCLABLE

(71) **HP-CHEMIE PELZER RESEARCH AND DEVELOPMENT LTD.** [IE/IE]; Industrial Estate, Waterford (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PELZER, Helmut** [DE/DE]; Neue Strasse 5, D-58313 Herdecke (DE).

(74) **JÖNSSON, Hans-Peter** et al. / etc.; Deichmannhaus am Dom, D-50667 Köln (DE).

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

(11) **WO 98/21067** (13) A1

(21) PCT/AU97/00762

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) PO 3538 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60P 3/34

(54) CARAVAN CONSTRUCTION
NOUVELLE CONSTRUCTION DE CARAVANE

(71, 72) **FLYNN, Mervyn, James** [AU/AU]; 76 Sunset Drive, Caloundra, QLD 4551 (AU).

(74) **FISHER ADAMS KELLY**; Level 13, AMP Place, 10 Eagle Street, G.P.O. Box 1413, Brisbane, QLD 4001 (AU).

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

(11) **WO 98/21068** (13) A1

(21) PCT/DE97/02136

(22) **20 Sep/sep 1997 (20.09.1997)**

(25) de (26) de

(31) 196 46 282.7 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60Q 1/076

(54) DEVICE FOR ADJUSTING THE RANGE OF HEADLAMPS
DISPOSITIF DE REGLAGE DE LA PORTEE DES PHARES

- (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) **SCHULZE, Werner** [DE/DE]; Wacholderweg 5, D-72818 Trochtelfingen (DE). **KONTO, Eleferios** [DE/DE]; Schwieberdinger Strasse 53, D-71636 Ludwigsburg (DE). **WESTERMANN, Michael** [DE/DE]; Rieter Strasse 11, D-71735 Hochdorf (DE).
- (81) CZ JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

-
- (11) **WO 98/21069** (13) A1
(21) PCT/DE97/02652
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) de (26) de
(31) 196 46 716.0 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B60R 16/02, H01R 9/07, 23/66
- (54) ELECTRICAL CONNECTOR, PARTICULARLY FOR MOTOR VEHICLES
CONNECTEUR ELECTRIQUE, NOTAMMENT POUR AUTOMOBILES
- (71) **MOLEX INCORPORATED** [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHWARZ, Uwe** [DE/DE]; Seestrasse 25a, D-76275 Ettlingen (DE). **ZISCHKA, Helmut** [DE/DE]; Friedenstrasse 38/1, D-71287 Weisach/Flacht (DE).
- (74) **HERDEN, Andreas**; Blumbach Kramer & Partner GbR, Sonnenberger Strasse 100, D-65193 Wiesbaden (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

-
- (11) **WO 98/21070** (13) A1
(21) PCT/DE97/02675
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) de (26) de
(31) 196 47 705.0 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B60R 16/02, B62D 15/02, G01B 7/30
- (54) DEVICE FOR DETERMINING THE ANGULAR POSITION OF THE STEERING WHEEL IN A MOTOR VEHICLE
DISPOSITIF POUR DETERMINER LA POSITION ANGULAIRE DU VOLANT DE DIRECTION DANS UNE AUTOMOBILE
- (71) **PETRI AG** [DE/DE]; Bahnweg 1, D-63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BONN, Helmut** [DE/DE]; Dörmorsbacher Strasse 38, D-63808 Haibach (DE). **HÖSSBACHER, Gerhard** [DE/DE]; Bahnhofstrasse 58, D-63743 Aschaffenburg (DE). **ZAWIDZKI, Ulrich** [DE/DE]; Grünwaldstrasse 2, D-63834 Sulzbach (DE).
- (74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D-10707 Berlin (DE).
- (81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21071** (13) A1
(21) PCT/EP97/05497
(22) **7 Oct/oct 1997 (07.10.1997)**
(25) de (26) de
(31) 196 47 021.8 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B60R 16/02
- (54) PLUG-IN CONNECTOR WITH A PLUG, AN INTERMEDIATE PART AND A HOUSING
CONNECTEUR A FICHES COMPRENANT UN CONNECTEUR, UNE PARTIE INTERMEDIAIRE ET UN BOITIER
- (71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ENGELHARDT, Martin** [DE/DE]; Hauptstrasse 61/1, D-74246 Eberstadt (DE). **HECHT, Walter** [DE/DE]; Sudetenstrasse 86, D-74321 Bietigheim-Bissingen (DE). **KLEIN, Rudolf** [DE/DE]; Trollingerweg 3, D-74348 Lauffen (DE).
- (74) **PORTWICH, P.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D-60488 Frankfurt am Main (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

-
- (11) **WO 98/21072** (13) A2
(21) PCT/EP97/06281
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) de (26) de
(31) 296 19 556.1 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B60R 21/16, 21/00, G10K 11/16
- (54) DEVICE AND METHOD FOR AVOIDING HEARING DAMAGE DURING ACTIVATION OF VEHICLE OCCUPANT RESTRAINT SYSTEMS
DISPOSITIF ET PROCEDURE POUR EVITER DES ATTEINTES AUDITIVES LORS DU DECLENCHEMENT DE SYSTEMES DE RETENUE DES OCCUPANTS D'UN VEHICULE
- (71) **TRW OCCUPANT RESTRAINT SYSTEMS GMBH & CO. KG** [DE/DE]; Industriestrasse 20, D-73551 Alfdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAUSCH, Armin** [DE/DE]; Knöcklestrasse 11, D-73453 Abtsgmünd (DE).
- (74) **KITZHOFER, Thomas**; Prinz & Partner, Manzingergeweg 7, D-81241 München (DE).
- (81) AU BR CA CN CZ HU JP KR MX PL RU SI SK TR US YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

-
- (11) **WO 98/21073** (13) A1
(21) PCT/JP97/04074
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) ja (26) ja
(31) 8/321021 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)

- (51)⁶ B60R 21/26
- (54) GAS GENERATOR FOR AIR BAG
GENERATEUR DE GAZ POUR COUSSIN GONFLABLE DE SECURITE
- (71) **NIPPON KAYAKU KABUSHIKI-KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102 (JP). **KABUSHIKI KAISHA KOBE SEIKO SHO** [JP/JP]; 3-18, Wakinihamacho 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SASO, Takashi** [JP/JP]; Sensor Technology Co., Ltd. in Himeji Factory of Nippon Kayaku, 3903-39, Toyotomi, Toyotomicho, Himeji-shi, Hyogo 679-21 (JP). **TANAKA, Koji** [JP/JP]; Sensor Technology Co., Ltd. in Himeji Factory of Nippon Kayaku, 3903-39, Toyotomi, Toyotomicho, Himeji-shi, Hyogo 679-21 (JP). **KUROIWA, Akihiko** [JP/JP]; Sensor Technology Co., Ltd. in Himeji Factory of Nippon Kayaku, 3903-39, Toyotomi, Toyotomicho, Himeji-shi, Hyogo 679-21 (JP). **MIYAMOTO, Norihisa** [JP/JP]; Sensor Technology Co., Ltd. in Himeji Factory of Nippon Kayaku, 3903-39, Toyotomi, Toyotomicho, Himeji-shi, Hyogo 679-21 (JP).
- (74) **KAJI, Yoshiyuki**; Recruit Shin Osaka Building, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532 (JP).
- (81) DE JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

-
- (11) **WO 98/21074** (13) A1
(21) PCT/US97/20507
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/747,753 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B60R 21/26
- (54) GAS INFLATOR WITH CERAMIC FOAM BALLS
GONFLEUR A BILLES DE MOUSSE DE CERAMIQUE POUR AIRBAG
- (71) **AUTOMOTIVE SYSTEMS LABORATORY, INC.** [US/US]; Suite B-12, 27200 Haggerty Road, Farmington Hills, MI 48331 (US).
- (72) **SIDDIQI, Shahid, A.**; 33720 Oak Point Circle, Farmington Hills, MI 48331 (US).
- (74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302-1476 (US).
- (81) GB JP.

-
- (11) **WO 98/21075** (13) A1
(21) PCT/EP97/06350
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) de (26) de
(31) 296 19 838.2 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B60R 22/46
- (54) DRIVING DEVICE FOR A PASSENGER RESTRAINT SYSTEM
DISPOSITIF D'ENTRAINEMENT POUR UN SYSTEME DE RETENUE DE PASSAGERS
- (71, 72) **FÖHL, Artur** [DE/DE]; Auf der Halde 28, D-73614 Schorndorf (DE).

(74) **DEGWERT, Hartmut**; Prinz & Partner, Manzingergeweg 7, D-81241 München (DE).

(81) CN CZ 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 98/21076** (13) A1

(21) PCT/EP97/05478

(22) **6 Oct/oct 1997 (06.10.1997)**

(25) de (26) de

(31) 196 46 972.4 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60S 1/52, 1/48

(54) HEADLIGHT CLEANING SYSTEM OPERATING EXCLUSIVELY BY SPRAYING WITH WASHING LIQUID
SYSTEME DE LAVAGE DE VITRES FONCTIONNANT UNIQUEMENT PAR ASPERSION DE DETERGENT LIQUIDE

(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) **BANDEMER, Joachim** [DE/DE]; Castellring 10, D-61130 Nidderau (DE). **KOBER, Rainer** [DE/DE]; Schlossstrasse 33, D-64297 Darmstadt (DE). **HAHN, Torsten** [DE/DE]; Bahnhofstrasse 56, D-34576 Homberg (DE).

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

(11) **WO 98/21077** (13) A1

(21) PCT/JP97/04147

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) ja (26) ja

(31) 8/302164 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(31) 8/313908 (32) **25 Nov/nov 1996 (25.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60S 5/00

(54) VEHICLE INFORMATION COMMUNICATION DEVICE AND VEHICLE INFORMATION COMMUNICATION SYSTEM
DISPOSITIF DE COMMUNICATION D'INFORMATIONS SUR DES VEHICULES ET SYSTEME DE COMMUNICATION D'INFORMATIONS SUR LES VEHICULES

(71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIDA, Toshihiro** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **HONDA, Hiroshi** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **TANAKA, Akihiro** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **SAKAI, Kazunori** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP). **HIRAMATSU, Norimasa** [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471 (JP).

(74) **NAKAJIMA, Jun** et al. / etc.; Taiyo, Nakajima & Kato, HK-Shinjuku Building, 7th floor, 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160 (JP).

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

(11) **WO 98/21078** (13) A1

(21) PCT/FR97/01528

(22) **27 Aug/Août 1997 (27.08.1997)**

(25) fr (26) fr

(31) 96/13615 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B60T 13/565, 8/36

(54) COMPACT BRAKE CONTROL DEVICE
DISPOSITIF COMPACT DE COMMANDE DE FREINAGE

(71) **BOSCH SYSTEMES DE FREINAGE** [FR/FR]; 126, rue de Stalingrad, F-93700 Drancy (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERBO, Ulysse** [FR/FR]; 41 bis, rue du Commandant Brasseur, F-93600 Aulnay-sous-Bois (FR). **LEBOISNE, Cédric** [FR/FR]; Bâtiment A, Boite 84, 45, rue Emile Zola, F-93120 La Courneuve (FR).

(74) **BENTZ, Jean, Paul**; Bosch Systèmes de Freinage, Service Brevets, 126, rue de Stalingrad, F-93700 Drancy (FR).

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

(11) **WO 98/21079** (13) A1

(21) PCT/DE97/02677

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 48 623.8 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B61L 29/22, G08B 29/18, 13/183

(54) METHOD OF AUTOMATICALLY ADAPTING SETPOINT INPUTS FOR A DANGER ZONE MONITORING SYSTEM AND ARRANGEMENT FOR CARRYING OUT THIS METHOD
PROCEDE D'ADAPTATION AUTOMATIQUE DES VALEURS DE CONSIGNE THEORIQUES PRESCRITES POUR UN DISPOSITIF DE SURVEILLANCE DE ZONES A RISQUES ET DISPOSITIF PERMETTANT DE METTRE LEDIT PROCEDE EN OEUVRE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

(72) **FUTTERSCHNEIDER, Matthias**; Am Klapperberge 9, D-38154 Königslutter-Bornum (DE). **ASPERGER, Karl**; Gassergasse 19, A-1070 Wien (AT). **CANBOLANT, Diyap**; Friedmangasse 6, A-1160 Wien (AT). **GILA, Jonas**; Jöngerstrasse 24, A-1170 Wien (AT).

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

Published / Publiée : (c)

(11) **WO 98/21080** (13) A1

(21) PCT/US97/20266

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/747,188 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B62B 3/14

(54) COMPACT SHOPPING CART
CHARIOT A PROVISIONS COMPACT

(71, 72) **CASTANEDA, Robert** [US/US]; Apartment 706, 5380 Medical Drive, San Antonio, TX 78240 (US).

(74) **HENRY, David, G.**; Suite 2300, 515 Congress Avenue, Austin, TX 78701 (US).

(81) AU BR CA CN IL JP KR MX NO NZ 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 98/21081** (13) A1

(21) PCT/GB97/03040

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 9623396.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(31) 9626717.4 (32) **23 Dec/déc 1996 (23.12.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B62D 1/02, 15/00

(54) A VEHICLE
VEHICULE

(71) **RAKO PRODUCTS LIMITED** [GB/GB]; Brunel Way, Stroudwater Business Park, Oldends Lane, Stonehouse, Glos. GL10 3SX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RADMALL, Paul** [GB/GB]; Marsh Lodge, Leonard Stanley, Glos. GL10 3NG (GB).

(74) **BECK, Simon**; Withers & Rogers, 4 Dyer's Buildings, London EC1N 2JT (GB).

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

(11) **WO 98/21082** (13) A1

(21) PCT/EP97/06402

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9623707.8 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B62D 13/02

(54) LINKAGE MECHANISM FOR A TRAILER STEERING DEVICE
MECANISME DE LIAISON POUR DISPOSITIF DE DIRECTION DE SEMI-REMORQUE

(71, 72) **MULDOON, Gerald** [GB/GB]; 181 Clonmore Road, Dungannon, County Tyrone BT71 6HX (GB).

(74) **O'CONNELL, Maura**; F.R. Kelly & Co., 9 University Street, Belfast BT7 1NA (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 HU ID IL IS JP KE KG KP KR KZ 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 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 98/21083** (13) A1
(21) PCT/AU97/00754
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) PO 3502 (32) **8 Nov/nov 1996 (08.11.1996)** (33) AU
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B62D 55/06, 55/24, E01C 19/20, A01G 1/12, B01F 5/26, 7/04, 13/10
(54) ENDLESS-TRACK VEHICLE SUPPORTING SAND DISTRIBUTING APPARATUS VEHICULE A BANDES SANS FIN SUPPORTANT UN DISPOSITIF SERVANT A DISTRIBUER DU SABLE
(71) **STRATHAYR PTY. LIMITED** [AU/AU]; Tallarook Park, School House Lane, Seymour, VIC 3660 (AU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CASIMATY, Gabriel** [AU/AU]; (AU). **SIMONIS, Lee** [AU/AU]; (AU). **LOWRY, Ronald, John** [AU/AU]; Tallarook Park, School House Lane, Seymour, VIC 3660 (AU).
(74) **A TATLOCK & ASSOCIATES**; 208 Elgin Street, Carlton, VIC 3053 (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 98/21084** (13) A1
(21) PCT/DE97/02610
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) de (26) de
(31) 196 46 138.3 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B62J 1/08, B62K 19/36
(54) SEAT POST, ESPECIALLY FOR A BICYCLE TIGE DE SELLE, NOTAMMENT POUR BICYCLETTE
(71, 72) **KELCH, Ursula** [DE/DE]; Kurze Strasse 6a, D-24784 Westerrönfeld (DE).
(74) **WILCKEN, Thomas**; Musterbahn 1, D-23552 Lübeck (DE).
(81) CN CZ JP NO PL RU SK US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/21085** (13) A1
(21) PCT/ES97/00244
(22) **2 Oct/oct 1997 (02.10.1997)**
(25) es (26) es
(31) U 9603103 (32) **14 Nov/nov 1996 (14.11.1996)** (33) ES
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B62K 21/18
(54) DEVICES FOR BLOCKING THE HANDLEBAR STEM WITH THE FORK TUBE OF A BICYCLE
(71, 72) **RODRIGUEZ CABEZA, Maximino** [ES/ES]; Calle Joaquín María Jalón, 11 - 6A, E-47008 Valladolid (ES).
(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21086** (13) A1
(21) PCT/RU97/00209
(22) **3 Jul/juill 1997 (03.07.1997)**
(25) ru (26) ru
(31) 96121508 (32) **11 Nov/nov 1996 (11.11.1996)** (33) RU
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B62M 1/04, 9/04
(54) BICYCLE VELO
(71, 72) **CHECHETKIN, Nikolai Anatolevich** [/ES]; Energetikov, 5-414, Ekaterinburg, 620103 (RU).
(74) **BARAKSHINA, Olga Ivanovna**; ul. Listopadnaya, 8-5, Ekaterinburg, 620048 (RU).
(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 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).
-
- (11) **WO 98/21087** (13) A1
(21) PCT/US97/19796
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) en (26) en
(31) 08/747,218 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B63B 22/20, 22/04, 22/24, G01C 13/00
(54) REMOTE UNDERWATER SENSING STATION STATION DE DETECTION SOUS-MARINE A DISTANCE
(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; 100 Church Street S.E., Minneapolis, MN 55455 (US).
(72) **JURAN, Duane, C.**; 577 Elaine Avenue, Shoreview, MN 55126 (US). **CIBUZAR, Alan, W.**; 711 Laurel Street, Brainerd, MN 56401 (US). **JOHNSON, Gordon, J.**; 1315 - 8th Avenue N.E., Brainerd, MN 56401 (US).
(74) **WESTMAN, Nickolas, E.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).
(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21088** (13) A1
(21) PCT/CA97/00771
(22) **22 Oct/oct 1997 (22.10.1997)**
(25) en (26) en
(31) 08/746,419 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B63H 9/06 // B63B 7/08
(54) INFLATABLE REVERSIBLE LIFE RAFT RADEAU DE SAUVETAGE GONFLABLE REVERSIBLE
(71) **DUNLOP-BEAUFORT CANADA LTD.** [CA/CA]; Suite 101, 3760 Jacombs Road, Richmond, British Columbia V6V 1Y6 (CA).
(72) **HIGGINBOTHAM, Paul**; 4880 Windjammer Drive, Richmond, British Columbia V7E 4L9 (CA). **LAY, Sang, A.**; 9854 128th Street, Surrey, British Columbia V3T 2Y6 (CA).
(74) **ZAHL, Adrian**; P.O. Box 4937, Station E, Ottawa, Ontario K1S 5J1 (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 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 98/21089** (13) A1
(21) PCT/AU97/00766
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) en (26) en
(31) PO 3509 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AU
(31) PO 3907 (32) **29 Nov/nov 1996 (29.11.1996)** (33) AU
(31) PO 6117 (32) **10 Apr/avr 1997 (10.04.1997)** (33) AU
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B63H 9/06
(54) A PIVOTING SAILING RIG GREEMENT PIVOTANT
(71) **SOLAR SAILOR PTY. LTD.** [AU/AU]; 9/259 Princes Highway, Ulladulla, NSW 2539 (AU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DANE, Robert** [AU/AU]; 9/259 Princes Highway, Ulladulla, NSW 2539 (AU).
(74) **PIZZEYS PATENT & TRADEMARK ATTORNEYS**; P.O. Box 291, Woden, ACT 2606 (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 98/21090** (13) A1
(21) PCT/NZ97/00153
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 299565 (32) **11 Nov/nov 1996 (11.11.1996)** (33) NZ
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ B63H 11/08, 11/103

- (54) WATER JET PROPULSION UNIT FOR USE IN WATER BORNE CRAFT
UNITE DE PROPULSION PAR HYDROJET, UTILE DANS UN ENGINE DE NAVIGATION
- (71, 72) **DAVIES, Richard, Gwyn** [NZ/NZ]; 15 Dundonald Street, Dunedin 9001 (NZ). **DAVIES, Barry, John** [NZ/NZ]; 1 Scott Street, Tuatape 9655 (NZ).
- (81) AU CA JP KR NO NZ 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 98/21091** (13) A1

(21) PCT/EP97/06193

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 47 102.8 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B64C 3/44, 11/18, B63B 41/00, 39/06

(54) FLOW FORM
CORPS D'ECOULEMENT

(71, 72) **ARRIBI, Philippe** [ES/ES]; Sa Cavea, E-07208 Cas Concos (ES).

(74) **WEBER, Seiffert, Lieke**; Gustav-Freytag-Strasse 25, 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 HU IL IS JP KE KG KP LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 98/21092** (13) A1

(21) PCT/US97/19520

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/751,929 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B64C 5/02

(54) Pylon flap for increasing negative pitching moments
VOLET DE PYLONE POUR AUGMENTER LES MOMENTS DE TANGAGE NEGATIFS

(71) **McDONNELL DOUGLAS CORPORATION** [US/US]; 5301 Bolsa Avenue, Huntington Beach, CA 92647-2048 (US).

(72) **BRISLAWN, Mark, G.**; 1668 N. Nordic Drive, Orange, CA 90808 (US).

(74) **STOUT, Donald, E.**; 100 Pacific #210, Irvine, CA 92618 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21093** (13) A2

(21) PCT/US97/22076

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/748,767 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B64D

(54) AVIONICS SYSTEM HAVING ACCESS THROUGH HINGED DISPLAY AND CONTROL PANEL
SYSTEME AVIONIQUE AVEC ACCES PAR PANNEAU D'AFFICHAGE ET DE COMMANDE ARTICULE

(71) **TELEDYNE INDUSTRIES INC.** [US/US]; 2041 Century Park East, Los Angeles, CA 90067-3101 (US).

(72) **COLEMAN, Larry, W.**; 11734 Wilshire Boulevard #C515, Los Angeles, CA 90025 (US).

(74) **PUGH, Robert, J.**; Allegheny Teledyne Incorporated, 1000 Six PPG Place, Pittsburgh, PA 15222 (US).

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

(11) **WO 98/21094** (13) A1

(21) PCT/DE97/02540

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 46 410.2 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B64D 15/20, G01F 23/292

(54) SUCTION DEVICE
DISPOSITIF D'ASPIRATION

(71, 72) **BOCK, Herbert** [DE/DE]; Heiligenbreite 1, D-37176 Nörten-Hardenberg (DE). **KNORR, Andreas** [DE/DE]; Hainbuchenring 5, D-37077 Göttingen (DE).

(74) **FIEDLER, Jürgen**; Heiligenbreite 7, D-37176 Nörten-Hardenberg (DE).

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

Published / Publiée : (c)

(11) **WO 98/21095** (13) A1

(21) PCT/US97/20945

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,490 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65B 7/00, 43/26

(54) VERTICAL BAGGER
ENSACHEUR VERTICAL

(63) US 08/749,490 (CON)
15 Nov/nov 1996 (15.11.1996)

(71) **BURFORD CORP.** [US/US]; P.O. Box 714, Maysville, OK 73057 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURFORD, Charles, E.** [US/US]; 4 Plantation Point, Athens, TX 75751 (US). **PACK, Jerry, Dale** [US/US]; 408 E. Wagner Avenue, Pauls Valley, OK 73075 (US).

(74) **CRUTSINGER, Gerald, G.** et al. / etc.; Crutsinger & Booth, Suite 1950, 1601 Elm Street, Dallas, TX 75201-4744 (US).

(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 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 98/21096** (13) A1

(21) PCT/JP97/03983

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) ja (26) ja

(31) 8/296063 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65B 9/06

(54) SEALING DEVICE FOR PACKAGING APPARATUS
DISPOSITIF DE FERMETURE HERMETIQUE POUR APPAREIL D'EMBALLAGE

(71) **NIPPON SEIKI CO., LTD.** [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940 (JP).

(72) **HIRASAWA, Tohru**; Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940 (JP).

(81) CN KR.

(11) **WO 98/21097** (13) A1

(21) PCT/GB97/03107

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623628.6 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65B 19/10

(54) CIGARETTE HANDLING MACHINERY
MACHINE SERVANT A MANIPULER DES CIGARETTES

(71) **MOLINS PLC** [GB/GB]; 11 Tanners Drive, Blakelands, Milton Keynes MK14 5LU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAILEY, Thomas, William** [GB/GB]; 13 Westwood Way, Westwood Business Park, Coventry CV4 8HS (GB). **HILL, Brian** [GB/GB]; 13 Westwood Way, Westwood Business Park, Coventry CV4 8HS (GB). **TAYLOR, Robert, Howard** [GB/GB]; Haw Lane, Saunderton, High Wycombe, Bucks HP14 5JE (GB). **YOUNGMAN, Graham, Peter** [GB/GB]; Haw Lane, Saunderton, High Wycombe, Bucks HP14 5JE (GB).

(74) **SHINDLER, Nigel**; Batchellor, Kirk & Co., 2 Pear Tree Court, Farringdon Road, London EC1R 0DS (GB).

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

- (11) **WO 98/21098** (13) A1
 (21) PCT/EP97/06397
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) de (26) de
 (31) 196 46 781.0 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B65B 27/10
 (54) DISMOUNTABLE AND COLLAPSIBLE PRESS FOR BUNDLING BRUSHWOOD, SHRUBS AND SIMILAR ELONGATED REFUSE PRESSE DEMONTABLE ET REPLIABLE POUR FAGOTER DES BRANCHAGES, DES BUISSONS ET D'AUTRES DECHETS ALLONGES SIMILAIRES
- (71, 72) **SCHÖNFELD, Hans, Victor** [DE/DE]; Kirchengstrasse 10, D-38444 Wolfsburg (DE).
- (74) **VAN KAN, J., H.**; Algemeen Octrooibureau, World Trade Center, Past. Petersstraat 160, NL-5612 LV Eindhoven (NL).
- (81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21099** (13) A1
 (21) PCT/DE97/02065
 (22) **13 Sep/sep 1997 (13.09.1997)**
 (25) de (26) de
 (31) 296 19 396.8 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B65B 31/02
 (54) VACUUM AND GAS-FLUSH PACKAGING DEVICE FOR FILLED POUCHES DISPOSITIF DE CONDITIONNEMENT SOUS VIDE ET SOUS GAZ DE PAQUETS REMPLIS
- (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) **DOMKE, Klaus** [DE/DE]; Hegelstrasse 3, D-71254 Ditzingen (DE). **STOTKIEWITZ, Herbert** [DE/DE]; Im Weilerlen 47, D-74321 Bietigheim-Bissingen (DE). **DIENER, Wolfgang** [DE/DE]; Dahlienweg 1, D-73642 Welzheim (DE). **HEBER, Lothar** [DE/DE]; Stieglitzweg 5, D-71336 Waiblingen (DE). **KURZ, Guenter** [DE/DE]; Sommerrain 3, D-73547 Lorch (DE).
- (81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21100** (13) A1
 (21) PCT/US97/20897
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 08/749,593 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B65B 43/26
 (54) AUTOMATED PACKAGING SYSTEM SYSTEME AUTOMATIQUE D'EMBALLAGE
- (71) **LD. IMAGES, INC.** [US/US]; 21337 Drake Road, Strongsville, OH 44136 (US).
- (72) **YISHA, Richard, W.**; 17018 Eagles Nest, Strongsville, OH 44136 (US). **LATHEM, John, L.**; 4278 West 223rd Street, Fairview Park, OH 44126 (US). **LEONARD, Dennis, F.**; 6003 Ackley Road, Parma, OH 44129 (US). **LATHAM, Laura, K.**; 4278 West 223rd Street, Fairview Park, OH 44126 (US).
- (74) **JAFFE, Michael, A.**; Benesch, Friedlander, Coplan & Aronoff LLP, 2300 BP Tower, 200 Public Square, Cleveland, OH 44114 (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 HU ID IL IS JP KE KG KP KR KZ 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 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 98/21101** (13) A1
 (21) PCT/US97/20654
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 08/749,115 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B65B 55/20, 57/02, 61/22
 (54) AUTOMATED CUSHIONING PRODUCING AND FILLING SYSTEM SYSTEME DE PRODUCTION ET DE REMPLISSAGE DE CALAGES AUTOMATISE
- (71) **RANPAK CORP.** [US/US]; 7990 Auburn Road, Concord Township, OH 44077 (US).
- (72) **RATZEL, Richard, O.**; 1751 Taylor's Mill Turn, Westlake, OH 44145 (US). **SIMMONS, James, A., Jr.**; 340 Fanwood Drive, Painesville Township, OH 44077 (US). **HARDING, Joseph, J.**; 6369 Brewer Court, Mentor, OH 44060 (US).
- (74) **MURPHY, Cynthia, S.**; Renner, Otto, Boisselle & Sklar, P.L.L., 19th floor, 1621 Euclid Avenue, Cleveland, OH 44115 (US).
- (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).
- Published / Publiée : (a)
-
- (11) **WO 98/21102** (13) A1
 (21) PCT/US97/17088
 (22) **25 Sep/sep 1997 (25.09.1997)**
- (25) en (26) en
 (31) 08/751,074 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B65B 69/00
 (54) APPARATUS FOR OPENING REFUSE BAGS APPAREIL POUR OUVRIR DES SACS A ORDURES MENAGERES
- (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 JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21103** (13) A1
 (21) PCT/US97/20242
 (22) **10 Nov/nov 1997 (10.11.1997)**
 (25) en (26) en
 (31) 08/745,820 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B65C 3/16, 9/00
 (54) METHOD AND APPARATUS FOR LABELING CONTAINERS PROCEDE ET DISPOSITIF D'ETIQUETAGE DE RECIPIENTS
- (71) **TRINE LABELING SYSTEMS, INC.** [US/US]; 650 Trade Way, Turlock, CA 95381 (US).
- (72) **HINTON, Gaylen, Roy**; 4316 Buckeye Lane, Merced, CA 95348 (US).
- (74) **SINNOTT, John, P.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).
- (81) BR CA DE GB JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21104** (13) A2
 (21) PCT/US97/20723
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) Not furnished / (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 non communiqué
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ B65D
 (54) INDUCTION FOIL CAP SEALER THERMOSCELLEUSE A FEUILLE A INDUCTION
- (71) **WRD CORPORATION** [US/US]; Unit 3, 50 Parker Street, Newburyport, MA 01950 (US).
- (72) **SARLES, Fredrick, Williams**; 54 LedgeLawn Avenue, Lexington, MA 02173 (US). **JOHNSON, Douglas, A.**; 3 Merrimac River Road, Groveland, MA 01834 (US).
- (74) **THIBODEAU, David, J.** 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 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 98/21105** (13) A1

(21) PCT/US97/20932

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/751,003 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 5/468

(54) PROTECTIVE DEVICE FOR CONTAINER HANDHOLD OPENINGS
DISPOSITIF DE PROTECTION POUR LES OUVERTURES SERVANT DE POIGNEES A DES CAISSES EN CARTON

(71) **CAPITOL PACKAGING CORPORATION** [US/US]; 11333 E. 55th Avenue, Denver, CO 80239 (US).

(72) **SAINZ, Raymond, R.**; 3224 Brynat Street, Denver, CO 80211 (US). **SAINZ, Joseph, S.**; 5010 Umattilla Street, Denver, CO 80221 (US). **McCARTHY, Lynn, J.**; 9856 Carmel Street, Littleton, CO 80124 (US).

(74) **HENSON, Michael, R.** et al. / etc.; Suite 200, 9250 W. 5th Avenue, Lakewood, CO 80226 (US).

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

Published / Publiée : (a)

(11) **WO 98/21106** (13) A1

(21) PCT/US97/20553

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,856 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 25/14

(54) FORM-FIT THROW-AWAY LINER FOR A REUSABLE PAINT BUCKET INCLUDING ROLLER GRATE
GARNITURE JETABLE ADAPTABLE A DIFFERENTES FORMES DE SEAUX POUR SEAU A PEINTURE REUTILISABLE COMPORTANT UNE GRILLE A ROULEAU

(71) **ERICKSON TOOL DESIGN, INC** [US/US]; 100 West Hickory Grove E-1, Bloomfield Hills, MI 48304 (US).

(72) **ERICKSON, Scott, W.**; 100 West Hickory Grove E-1, Bloomfield Hills, MI 48304 (US).

(74) **FRONEK, David, N.** et al. / etc.; Dorsey & Whitney LLP, Pillsbury Center South, 220 South Sixth Street, Minneapolis, MN 55402 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).

Published / Publiée : (c)

(11) **WO 98/21107** (13) A1

(21) PCT/US97/20288

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/748,114 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 33/02

(54) BULK CONTAINER WITH INTERNAL BAFFLE BANDS
SAC D'EMBALLAGE EN VRAC DOTE DE BANDES DEFLECTRICES INTERNES

(63) US 08/748,114 (CIP)
13 Nov/nov 1996 (13.11.1996)

(71) **MARINO TECHNOLOGIES, INC.** [US/US]; 13260 N.W. 45th Avenue, Opa Locka, FL 33054 (US).

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

(72, 75) **ECHEVERRIA, Carlos, M.** [US/US]; 13260 N.W. 45th Avenue, Opa Locka, FL 33054 (US).

(74) **BLUM, Alvin, S.**; 2350 Del Mar Place, Fort Lauderdale, FL 33301 (US).

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

Published / Publiée : (c)

(11) **WO 98/21108** (13) A1

(21) PCT/US97/20369

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/748,179 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 33/02, 90/04

(54) COLLAPSIBLE, RECYCLABLE RECEPACLE
CONTENANT RECYCLABLE ET PLIABLE

(71, 72) **DAVIS, Heidi, Comfort** [US/US]; 3608 Lowell Street, Deephaven, MN 55391 (US).

(74) **GREGERSEN, Craig, M.**; Briggs and Morgan, 2200 First National Bank Building, 332 Minnesota Street, Saint Paul, MN 55101 (US).

(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 98/21109** (13) A1

(21) PCT/US97/20447

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/030,859 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 39/00

(54) UNIVERSAL PLUG
OBTURATEUR UNIVERSEL

(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) **CONSTABLE, Kevin, N.** [US/US]; 503 Providence Avenue, Claymont, DE 19703 (US).

(74) **KANAGY, James, M.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) AL AU BA BB BG BR CA CN CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH 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 98/21110** (13) A2

(21) PCT/US97/20837

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,488 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 08/927,311 (32) **11 Sep/sep 1997 (11.09.1997)** (33) US

(31) 08/948,342 (32) **9 Oct/oct 1997 (09.10.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 41/48, 47/24

(54) LEAK-PROOF TAMPER-EVIDENT CLOSURE
FERMETURE INVOLABLE ET ETANCHE

(71) **INTERNATIONAL PLASTICS AND EQUIPMENT CORPORATION** [US/US]; Northgate Industrial Park, R.D. #3, Box 7a, P.O. Box 5311, New Castle, PA 16105 (US).

(72) **LONG, Charles, J., Jr.**; Harlansburg Road, R.D. #4, P.O. Box 62a, New Castle, PA 16101 (US).

(74) **WETTACH, Thomas, C.** et al. / etc.; Titus & McConomy, Four Gateway Center, 20th floor, Pittsburgh, PA 15222 (US).

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

(11) **WO 98/21111** (13) A1

(21) PCT/US97/20926

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,690 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 45/30

(54) CONTAINER SAFETY CAP AND COMBINATION OF SAFETY CAP AND CONTAINER
BOUCHON DE SURETE POUR RECIPIENT ET ENSEMBLE COMBINE BOUCHON DE SURETE/RECIPIENT

(71) **CLETEC, INC.** [US/US]; Suite 1220-22608, 777 Brickell Avenue, Miami, FL 33131 (US).

(72) **LARGUIA, Constandio, Sr.**; Oficina 47, 2ndo Piso, Cerrito 1070, Buenos Aires 1010 (AR).

(74) **FLEIT, Martin**; Evenson, McKeown, Edwards & Lenahan, PLLC, Suite 700, 1200 G Street, N.W., Washington, DC 20005-3814 (US).

(81) BR CN DE JP MX.

(11) **WO 98/21112** (13) A1

(21) PCT/EP97/06223

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 296 19 566.9 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 47/06, 51/24

(54) LID FOR A RECEPTACLE
COUVERCLE POUR RECIPIENT

(71, 72) **CORDES, Annegret** [DE/DE]; Falkenweg 45, D-49377 Vechta (DE).

(72, 75) **CORDES, Claus** [DE/DE]; Falkenweg 45, D-49377 Vechta (DE).

(74) **GÖKEN, Klaus, G.**; Eisenführ, Speiser & Partner, Martinstrasse 24, D-28195 Bremen (DE).

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

Published / Publiée : (c)

(11) **WO 98/21113** (13) A1

(21) PCT/CA97/00773

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 2,190,172 (32) **12 Nov/nov 1996 (12.11.1996)** (33) CA

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 50/06

(54) CLOSURE CAP
CAPUCHON DE FERMETURE

(71) **BOUCHONS MAC INC.** [CA/CA]; 33 Taylor, Waterloo, Quebec JOE 2N0 (CA).

(72) **DECELLES, Gilles**; 11 Deschamps, Waterloo, Quebec JOE 2N0 (CA).

(74) **ORLHAC, Thierry**; Robic, 55 St-Jacques, Montreal, Quebec H2Y 3X2 (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 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 98/21114** (13) A1

(21) PCT/US97/20081

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/746,773 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 51/28

(54) PRIZE-HOLDING BOTTLE CLOSURE

FERMETURE DE BOUTEILLE CONTENANT UN LOT

(63) US 08/746,773 (CON)
15 Nov/nov 1996 (15.11.1996)

(71) **ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC.** [US/US]; 1205 East Elmore Street, Crawfordsville, IN 47933-3116 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOEHM, Ted, W.** [US/US]; 2404 Country Club Road, Crawfordsville, IN 47933 (US). **CERNY, David, L.** [US/US]; 704 Penn Drive, Crawfordsville, IN 47933 (US). **WILLINGHAM, Wendell, D.** [US/US]; 5060 Somerset Lane, Zionsville, IN 46077 (US). **DENMAN, Daniel, J.** [US/US]; 1807 Kraig Drive, Crawfordsville, IN 47933 (US). **WILDE, Sheldon, L.** [US/US]; 4320 Dandy Trail, Indianapolis, IN 46254 (US). **MCBRIDE, Stephen, W.** [US/US]; 613 Nelson Drive, Brownsburg, IN 46122 (US). **URMSTON, Hugh, C.** [US/US]; 14579 Allison Drive, Carmel, IN 46033 (US). **WHITNEY, Ralph, H.** [US/US]; 616 Portside Drive, North Port, FL 34287-6515 (US).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21115** (13) A1

(21) PCT/US97/20082

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/749,415 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 51/28

(54) PRIZE-HOLDING BOTTLE CLOSURE
FERMETURE DE BOUTEILLE CONTENANT UN LOT

(63) US 08/749,415 (CON)
15 Nov/nov 1996 (15.11.1996)

(71) **ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC.** [US/US]; 1205 East Elmore Street, Crawfordsville, IN 47933-3116 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOEHM, Ted, W.** [US/US]; 2404 Country Club Road, Crawfordsville, IN 47933 (US). **BABCOCK, David, E.** [US/US]; 814 Brookside Drive, Lafayette, IN 47905 (US). **URMSTON, Hugh, C.** [US/US]; 14579 Allison Drive, Carmel, IN 46033 (US). **DENMAN, Daniel, J.** [US/US]; 1807 Kraig Drive, Crawfordsville, IN 47933 (US). **LADINA, Joseph, M.** [US/US]; 2140 Cannon Way, Marietta, GA 30064 (US).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21116** (13) A1

(21) PCT/US97/20102

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/746,710 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 51/28

(54) PRIZE-HOLDING BOTTLE CLOSURE
BOUCHON DE BOUTEILLE SERVANT DE SUPPORT POUR DES PRIX A GAGNER

(63) US 08/746,710 (CON)
15 Nov/nov 1996 (15.11.1996)

(71) **ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC.** [US/US]; 1205 East Elmore Street, Crawfordsville, IN 47933-3116 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOEHM, Ted, W.** [US/US]; 2404 Country Club Road, Crawfordsville, IN 47933 (US). **CERNY, David, L.** [US/US]; 704 Penn Drive, Crawfordsville, IN 47933 (US).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21117** (13) A1

(21) PCT/US97/02360

(22) **13 Feb/fév 1997 (13.02.1997)**

(25) en (26) en

(31) 08/748,194 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 55/14

(54) ACCESS CONTROL SYSTEM FOR SECURITY ENCLOSURE
SYSTEME DE COMMANDE D'ACCES POUR ENCEINTE DE SECURITE

(71) **SUPRA PRODUCTS, INC.** [US/US]; 2611 Pringle Road S.E., P.O. Box 3167, Salem, OR 97302 (US).

(72) **YORK, James, D.**; 5243 - 14th Place South, Salem, OR 97306 (US).

(74) **HUGHEY, Patrick, W.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (US).

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

(11) **WO 98/21118** (13) A1

(21) PCT/GB97/02889

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 9623562.7 (32) **13 Nov/nov 1996** (33) GB
(13.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 65/46

(54) SOLUBLE SACHET FOR WATER-BASED COMPOSITIONS
SACHET SOLUBLE POUR COMPOSITIONS AQUEUSES

(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) **PADGET, John, Christopher** [GB/GB]; Zeneca Resins, Research & Technology Department, The Heath, P.O. Box 8, Runcorn WA7 4QD (GB). **YEATES, Terence** [GB/GB]; Zeneca Resins, Research & Technology Department, The Heath, P.O. Box 8, Runcorn WA7 4QD (GB). **HINDE, David, Charles** [GB/GB]; Zeneca Resins, Research & Technology Department, The Heath, P.O. Box 8, Runcorn WA7 4QD (GB). **LANDHAM, Rowena, Roshanthi** [GB/GB]; Zeneca Agrochemicals, Yalding, Near Maidstone, Kent ME18 6HN (GB).

(74) **SHELLER, Alan**; Zeneca Specialties, Intellectual Property Group, P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21119** (13) A1

(21) PCT/US97/14366

(22) **12 Aug/Août 1997 (12.08.1997)**

(25) en (26) en

(31) 08/748,934 (32) **13 Nov/nov 1996** (33) US
(13.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 71/44

(54) CARRIER WITH TEAR RESISTANT HANDLE CASIER A BOUTEILLES A POIGNEE RESISTANT A LA DECHIRURE

(71) **RIVERWOOD INTERNATIONAL CORPORATION** [US/US]; Suite 1400, 3350 Cumberland Circle, Atlanta, GA 30339 (US).

(72) **HARRELSON, Glen, Ray**; 9245 Mainsail Drive, Gainesville, GA 30506 (US).

(74) **MCLARY, Steve, M.**; Riverwood International Corporation, Suite 1400, 3350 Cumberland Circle, Atlanta, GA 30339 (US).

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

(11) **WO 98/21120** (13) A1

(21) PCT/FI97/00680

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fi (26) en

(31) 964508 (32) **8 Nov/nov 1996** (33) FI
(08.11.1996)

(31) 970267 (32) **22 Jan/jan 1997** (33) FI
(22.01.1997)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 79/02

(54) PACKAGE FOR DECAYABLE FOODSTUFFS
EMBALLAGE POUR DENREES PERISSABLES

(71) **VALTION TEKNILLINEN TUTKIMUSKESKUS** [FI/FI]; Vuorimiehentie 5, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AHVENAINEN, Raija** [FI/FI]; VTT Bio- ja elintarviketekniikka, Biologinkuja 1, FIN-02150 Espoo (FI). **PULLINEN, Timo** [FI/FI]; VTT Bio- ja elintarviketekniikka, Biologinkuja 1, FIN-02150 Espoo (FI). **HURME, Eero** [FI/FI]; VTT Bio- ja elintarviketekniikka, Biologinkuja 1, FIN-02150 Espoo (FI). **SMOLANDER, Maria** [FI/FI]; VTT Bio- ja elintarviketekniikka, Biologinkuja 1, FIN-02150 Espoo (FI). **SIIKA-AHO, Matti** [FI/FI]; VTT Bio- ja elintarviketekniikka, Biologinkuja 1, FIN-02150 Espoo (FI).

(74) **PAPULA REIN LAHTELA OY**; Fredrikinkatu 61 A, P.O. Box 981, FIN-00101 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21121** (13) A2

(21) PCT/FR97/02015

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13771 (32) **12 Nov/nov 1996** (33) FR
(12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 81/02, 75/24, 5/42

(54) CONTAINER MADE OF PLASTIC MATERIAL FORMED BY THE FOLDING OF A BLANK AND FABRICATION METHOD
CONTENANT EN MATIERE PLASTIQUE FORME PAR PLIAGE D'UN FLAN ET PROCEDE POUR SA FABRICATION

(71) **EUREPAK** [FR/FR]; Hôtel du Petit Louvre, Rue Linard Gonthier, La Montée Saint Pierre, F-10000 Troyes (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEIL, François, René** [FR/FR]; 16, chemin des Grèves, F-10100 Romilly sur Seine (FR). **MARTIN, Claude, André, Raymond** [FR/FR]; 71, route de Mery sur Seine, F-10150 Sainte Maure (FR).

(74) **RATABOUL, Michel**; CMR International, 10, rue de Florence, F-75008 Paris (FR).

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

(11) **WO 98/21122** (13) A1

(21) PCT/IE97/00075

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) S960795 (32) **8 Nov/nov 1996** (33) IE
(08.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 81/32

(54) A TWO-PART STORAGE CONTAINER
RECIPIENT DE STOCKAGE EN DEUX PARTIES

(71) **HIGH MEADOW PATENTS LIMITED** [IE/IE]; 31 Waterloo Road, Ballsbridge, Dublin 4 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENNIS, Declan, Joseph** [IE/IE]; 31 Waterloo Road, Ballsbridge, Dublin 4 (IE).

(74) **MACLACHLAN & DONALDSON**; 47 Merrion Square, Dublin 2 (IE).

(81) AL AM AT AU (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 HU ID IL IS JP KE KG KP KR KZ 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 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 98/21123** (13) A1

(21) PCT/EP97/03758

(22) **14 Jul/juillet 1997 (14.07.1997)**

(25) de (26) de

(31) 296 19 616.9 (32) **12 Nov/nov 1996** (33) DE
(12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 81/38

(54) DEVICE FOR THE HEAT-INSULATION AND IMPROVEMENT OF THE STABILITY OF CONTAINERS
DISPOSITIF POUR ASSURER L'ISOLATION THERMIQUE ET AMELIORER LA STABILITE DE RECIPIENTS

(71, 72) **FLIEGER, Helmut** [DE/DE]; Vorstadt 8, D-94486 Osterhofen (DE).

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

(11) **WO 98/21124** (13) A1

(21) PCT/US97/21056

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,439 (32) **15 Nov/nov 1996** (33) US
(15.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65D 85/62, 85/30, A47F 3/02

(54) ELECTRONIC ARTICLE SURVEILLANCE LABEL CARTRIDGE AND SYSTEM
SYSTEME ET CARTOUCHE D'ETIQUETTE DE SURVEILLANCE ELECTRONIQUE D'ARTICLE

(71) **SENSORMATIC ELECTRONICS CORPORATION** [US/US]; 951 Yamato Road, Boca Raton, FL 33431 (US).

(72) **BELLUM, Karen, E.**; Apartment C, 6322 LaCosta Drive, Boca Raton, FL 33433 (US). **HANSEN, Norman, B.**; 4125 S. Ocean Boulevard #9, Highland Beach, FL 33487 (US). **KROM, Mark, D.**; 2935 N.E. 21st Terrace, Ft. Lauderdale, FL 33306 (US). **MATOOKA, Barbara, G.**; 5530 S.W. 85th Court, Davie, FL 33314 (US).

(74) **KASHIMBA, Paul, T.**; 951 Yamato Road, Boca Raton, FL 33431 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21125** (13) A1

(21) PCT/IT97/00023

(22) **31 Jan/jan 1997 (31.01.1997)**

(25) en (26) en

(31) RM96A000771 (32) **8 Nov/nov 1996 (08.11.1996)** (33) IT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65F 1/00, 1/14

(54) HOUSING COMPRISING MULTIPLE CONTAINERS FOR THE DIFFERENTIATED COLLECTION OF HOUSEHOLD WASTE
BOITE CONTENANT PLUSIEURS CONTENEURS POUR LA COLLECTE DIFFERENCIEE DES ORDURES MENAGERES

(71, 72) **CICCHINI, Silvana** [IT/IT]; Via Tiberio Imperatore, 45, I-00145 Roma (IT).

(74) **MASCIOLI, Alessandro**; Via Urbana, 20, I-00184 Roma (IT).

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

(11) **WO 98/21126** (13) A1

(21) PCT/CH97/00423

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 2763/96 (32) **8 Nov/nov 1996 (08.11.1996)** (33) CH

(31) 1138/97 (32) **15 May/mai 1997 (15.05.1997)** (33) CH

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65F 3/20

(54) REFUSE REMOVING TRUCK WITH A LOADING MECHANISM WITH A REFUSE RECEIVING CHAMBER
CAMION DE COLLECTE DE DECHETS AVEC UN MECANISME DE CHARGEMENT POURVU D'UNE CHAMBRE DE RECEPTION DES DECHETS

(71) **CATSYSTEM AG ABEFALL- + TRANSPORT-SYSTEME** [CH/CH]; Limmatauweg 9, CH-5408 Ennetbaden (CH).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **LÜSCHER, Claude** [CH/CH]; Zollikerstrasse 193, CH-8008 Zürich (CH). **MATHIS, Herbert** [AT/LI]; Unterdorfstrasse 81, FL-9491 Ruggell (LI). **SCHEFER, René** [CH/CH]; Kiesweid 18, Hadlikon, CH-8340 Hinwil (CH).

(74) **ROSHARDT, Werner, A.** et al. / etc.; Keller & Partner AG, Postfach, Zeughausgasse 5, CH-3000 Bern 7 (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG 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 98/21127** (13) A1

(21) PCT/US97/19364

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/751,183 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65G 1/02

(54) APPARATUS FOR HANDLING CARTRIDGES IN A STORAGE LIBRARY SYSTEM
APPAREIL DE MANIPULATION DE CARTOUCHES DANS UN SYSTEME DE BIBLIOTHEQUE DE STOCKAGE

(71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; 2270 South 88th Street, Louisville, CO 80028-4309 (US).

(72) **MANES, Joseph, P.**; 7571 Ames Street, Arvada, CO 80003 (US). **BLACK, David**; 13122 Bellair Drive, Thornton, CO 80241 (US).

(74) **QUINN, Christopher, W.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

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

(11) **WO 98/21128** (13) A1

(21) PCT/US97/20984

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,911 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65G 47/12

(54) DESCRAMBLING AND COMBINING ARTICLES INTO SINGLE FILES
MACHINE A ALIGNER DESTINEE A METTRE EN ORDRE ET A ASSOCIER DES ARTICLES POUR FORMER DES FILES UNIQUES AVEC UN MINIMUM D'ENGORGEMENT

(71) **HARTNESS INTERNATIONAL, INC.** [US/US]; 1200 Garlington Road, Greenville, SC 29615 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARTNESS, Thomas, Patterson** [US/US]; 300 Smith Road, Greenville, SC 29615 (US). **DAVIDSON, Mark** [US/US]; 712 Abner Creek Road, Greer, SC 29651 (US). **NUNN, Mark** [US/US]; 1515 Fairhope Road, York, SC 29745 (US).

(74) **FLINT, Cort**; P.O. Box 10827, Greenville, SC 29603-0827 (US).

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

Published / Publiée : (c)

(11) **WO 98/21129** (13) A2

(21) PCT/EP97/06253

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) en (26) en

(31) MI96A002346 (32) **12 Nov/nov 1996 (12.11.1996)** (33) IT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65G 47/14

(54) ORDERLY BOTTLE-FEEDING MACHINE
MACHINE A ACHEMINER DES BOUTEILLES DE MANIERE ORDONNEE

(71) **AUTOMAZIONI INDUSTRIALI LANFRANCHI DI LANFRANCHI LINO & C. S.N.C.** [IT/IT]; Via Scodoncello, 41, I-43044 Collecchio (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANFRANCHI, Lino** [IT/IT]; Via Caduti del Lavoro, 35, I-43044 Collecchio (IT).

(74) **FARAGIANA, Vittorio**; Ingg. Guzzi e Ravizza s.r.l., Via V. Monti, 8, I-20123 Milano (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 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 98/21130** (13) A1

(21) PCT/US97/06785

(22) **21 Apr/avr 1997 (21.04.1997)**

(25) en (26) en

(31) 08/745,210 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65G 47/46

(54) CONVERGENT/DIVERGENT PRODUCT CONVEYOR
TRANSPORTEUR CONVERGENT/DIVERGENT

(71) **HI-SPEED CHECKWEIGHER CO., INC.** [US/US]; 5 Barr Road, Ithaca, NY 14850 (US).

(72) **TROISI, David, A.**; 140 Brook Way, Ithaca, NY 14850 (US). **UBER, John, E.**; 22 Washington Street, Trumansburg, NY 14886 (US).

(74) **SNYDER, George, L., Jr.**; Bean, Kauffman & Snyder, Suite 1000, 43 Court Street, Buffalo, NY 14202 (US).

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

(11) **WO 98/21131** (13) A1

(21) PCT/US97/21189

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,424 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65G 59/02

- (54) APPARATUS FOR PICKING AND HANDLING A SINGLE DISC
APPAREIL SERVANT A SAISIR ET A MANIPULER UN SEUL DISQUE
- (63) US 08/749,424 (CIP)
15 Nov/nov 1996 (15.11.1996)
- (71, 72) **COSTAS, Dan, N.** [US/US]; 2503 Vineyard Avenue, Pleasanton, CA 94566 (US).
- (74) **NEBB, Richard, A.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4262 (US).
- (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).

Published / Publiée : (c)

- (11) **WO 98/21132** (13) A1
- (21) PCT/US97/20691
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) en (26) en
- (31) 08/745,423 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
- (31) 08/851,621 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (31) 08/965,018 (32) **5 Nov/nov 1997 (05.11.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B65G 67/00
- (54) BATTERY CHARGING AND EXCHANGE SYSTEM FOR ELECTRICALLY POWERED VEHICLES
SYSTEME DE CHARGEMENT ET D'ECHANGE DE BATTERIES DESTINE A DES VEHICULES ELECTRIQUES
- (71) **UNLIMITED RANGE ELECTRIC CAR SYSTEMS COMPANY** [US/US]; P.O. Box 4741, San Clemente, CA 92674 (US).
- (72) **HAMMERSLAG, Julius, G.**; 27011 Calle Esperanza, San Juan Capistrano, CA 92675 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

- (11) **WO 98/21133** (13) A1
- (21) PCT/NL97/00621
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) nl (26) en
- (31) 1004526 (32) **14 Nov/nov 1996 (14.11.1996)** (33) NL
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B65G 69/28

- (54) PNEUMATICALLY DRIVEN LOADING BRIDGE
DISPOSITIF DE CHARGEMENT ENTRAINE DE MANIERE PNEUMATIQUE
- (71) **STERTIL B.V.** [NL/NL]; Westkern 3, NL-9288 CA Kootstertille (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERENDS, Jan** [NL/NL]; De Zeilen 29, NL-9285 ML Buitenpost (NL).
- (74) **'t JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinkplein 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 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).

Published / Publiée : (c)

- (11) **WO 98/21134** (13) A1
- (21) PCT/US97/19839
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 60/030,511 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (31) 60/057,288 (32) **29 Aug/Août 1997 (29.08.1997)** (33) US
- (31) 08/949,401 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B65H 39/14, 39/16, 23/188, 23/04, A61F 13/15
- (54) PROCESS AND APPARATUS FOR REGISTERING CONTINUOUSLY MOVING STRETCHABLE LAYERS
PROCEDE ET APPAREIL POUR L'ALIGNEMENT DE COUCHES ETIRABLES CONTINUELLEMENT EN MOUVEMENT
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
- (72) **POPP, Robert, Lee**; 805 Giese Street, Hortonville, WI 54944 (US). **BRANDON, Robert, Griffiths**; 20 Bittersweet Court, Appleton, WI 54914 (US). **CHAPDELAINE, Louis, Maurice**; 2123 Cloudview Court, Appleton, WI 54914 (US). **COENEN, Joseph, Daniel**; 510 Lincoln Street, Neenah, WI 54956 (US). **KASTMAN, Scott, Lee**; W6768 Greenridge Drive, Greenville, WI 54942 (US). **WOOLWINE, Devertt, DeWayne**; 126 Cheryl Ann Drive, Neenah, WI 54956 (US).
- (74) **MILLER, Douglas, L.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).
- (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).

Published / Publiée : (c)

- (11) **WO 98/21135** (13) A1
- (21) PCT/US97/19840
- (22) **31 Oct/oct 1997 (31.10.1997)**

- (25) en (26) en
- (31) 60/030,893 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (31) 60/057,285 (32) **29 Aug/Août 1997 (29.08.1997)** (33) US
- (31) 08/949,403 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B65H 39/14, 23/188, A61F 13/15, B65H 39/16, 23/04
- (54) REGISTRATION PROCESS AND APPARATUS FOR CONTINUOUSLY MOVING ELASTICIZED LAYERS HAVING MULTIPLE COMPONENTS
PROCEDE ET APPAREIL D'ALIGNEMENT POUR COUCHES ELASTIFIEES CONTINUELLEMENT EN MOUVEMENT, FAITES D'ELEMENTS MULTIPLES
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).
- (72) **POPP, Robert, Lee**; 805 Giese Street, Hortonville, WI 54944 (US). **BRANDON, Robert, Griffiths**; 20 Bittersweet Court, Appleton, WI 54914 (US). **CHAPDELAINE, Louis, Maurice**; 2123 Cloudview Court, Appleton, WI 54914 (US). **COENEN, Joseph, Daniel**; 510 Lincoln Street, Neenah, WI 54956 (US). **KASTMAN, Scott, Lee**; W6768 Greenridge Drive, Greenville, WI 54942 (US). **WOOLWINE, Devertt, DeWayne**; 126 Cheryl Ann Drive, Neenah, WI 54956 (US).
- (74) **MILLER, Douglas, L.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).
- (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).

Published / Publiée : (c)

- (11) **WO 98/21136** (13) A1
- (21) PCT/US97/20165
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 60/033,747 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (31) 60/057,286 (32) **29 Aug/Août 1997 (29.08.1997)** (33) US
- (31) 08/943,313 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ B65H 39/14, 39/16, 23/188, 23/04, A61F 13/15
- (54) PROCESS AND APPARATUS FOR REGISTRATION CONTROL OF MATERIAL PRINTED AT MACHINE PRODUCT LENGTH
PROCEDE ET DISPOSITIF DE CONTROLE DE CALAGE DE MATERIAU IMPRIME EN CONTINU
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).

(72) **POPP, Robert, Lee**; 805 Giese Street, Hortonville, WI 54944 (US). **BRANDON, Robert, Griffiths**; 20 Bittersweet Court, Appleton, WI 54914 (US). **CHAPDELAINE, Louis, Maurice**; 2123 Cloudview Court, Appleton, WI 54914 (US). **COE-NEN, Joseph, Daniel**; 510 Lincoln Street, Neenah, WI 54956 (US). **KASTMAN, Scott, Lee**; W6768 Greenridge Drive, Greenville, WI 54942 (US). **WOOLWINE, Devertt, DeWayne**; 126 Cheryl Ann Drive, Neenah, WI 54956 (US).

(74) **MILLER, Douglas, L.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21137** (13) A1

(21) PCT/US97/20164

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 60/030,895 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(31) 60/057,284 (32) **29 Aug/Août 1997 (29.08.1997)** (33) US

(31) 08/949,402 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65H 39/16, 23/188, B32B 31/08

(54) PROCESS AND APPARATUS FOR REGISTERING A CONTINUOUSLY MOVING, TREATABLE LAYER WITH ANOTHER LAYER PROCEDE ET DISPOSITIF DE CALAGE, PAR RAPPORT A UNE AUTRE COUCHE, D'UNE COUCHE APTE AU TRAITEMENT ET EN MOUVEMENT CONTINU

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).

(72) **POPP, Robert, Lee**; 805 Giese Street, Hortonville, WI 54944 (US). **BRANDON, Robert, Griffiths**; 20 Bittersweet Court, Appleton, WI 54914 (US). **CHAPDELAINE, Louis, Maurice**; 2123 Cloudview Court, Appleton, WI 54914 (US). **COE-NEN, Joseph, Daniel**; 510 Lincoln Street, Neenah, WI 54956 (US). **KASTMAN, Scott, Lee**; W6768 Greenridge Drive, Greenville, WI 54942 (US). **WOOLWINE, Devertt, DeWayne**; 126 Cheryl Ann Drive, Neenah, WI 54956 (US).

(74) **MILLER, Douglas, L.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 North Lake Street, Neenah, WI 54956 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21138** (13) A1

(21) PCT/GB97/03106

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623713.6 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B65H 75/34

(54) REEL BOBINE

(71, 72) **HARTLEY, Brian** [GB/GB]; 12 Oakley Avenue, Brockwell, Chesterfield, Derbyshire S40 4DS (GB).

(74) **SKINNER, Michael, Paul**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21139** (13) A1

(21) PCT/US97/22078

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 8/302620 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B66B 11/02

(54) ELEVATOR CAB CABINE D'ASCENSEUR

(71) **OTIS ELEVATOR COMPANY** [US/US]; 10 Farm Springs, Farmington, CT 06032 (US).

(72) **HAYASHI, Satoshi**; 2-4-8, Tachibanadai Aoba-ku, Yokohama-shi, Kanagawa-ken 227-0046 (JP). **TAKEUCHI, Wataru**; 5-16-1, Minami Ohizumi Nerima-ku, Tokyo-to 178-0064 (JP).

(74) **HENLEY, Randy, G.**; Otis Elevator Company, Intellectual Property Dept., 10 Farm Springs, Farmington, CT 06032 (US).

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

Published / Publiée : (c)

(11) **WO 98/21140** (13) A1

(21) PCT/US97/20656

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,579 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B66F 3/18

(54) TIRE CHANGING SYSTEM WITH FRAME MOUNTED JACKS AND LUG WRENCH SYSTEME DE REMPLACEMENT DE PNEUMATIQUES DOTE DE CRICS MONTES SUR CHASSIS ET D'UNE CLE A PATTE

(71, 72) **SPENCE, Roy** [US/US]; 2411 Church Avenue, Brooklyn, NY 11226 (US).

(74) **COLITZ, Michael, J., Jr.**; 217 Harbour View Lane, Largo, FL 33770 (US).

(81) CA DE JP KR.

Published / Publiée : (c)

(11) **WO 98/21141** (13) A1

(21) PCT/SE96/01455

(22) **12 Nov/nov 1996 (12.11.1996)**

(25) sv (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B66F 9/14

(54) ARRANGEMENT FOR ADJUSTMENT OF THE FORKS ON A FORKLIFT OR SIMILAR SYSTEME POUR LE REGLAGE DES FOURCHES SUR UN ELEVATEUR A FOURCHES

(71) **SMIDESPRODUKTER SKÖVDE AB** [SE/SE]; Norregårdsvägen 29, S-541 34 Skövde (SE).

(72) **HELLGREN, Rolf, Åke**; Hertig Magnus gata 1 B, S-544 33 Hjo (SE).

(74) **ULF ÅBERG ENGINEERING I SKÖVDE AB**; Stjärnvägen 29, S-541 55 Skövde (SE).

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

(11) **WO 98/21142** (13) A1

(21) PCT/US97/20267

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/745,439 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B67D 5/40

(54) MANUALLY OPERATED PUMP DISPENSER HAVING CHILD-RESISTANT NOZZLE DISTRIBUTEUR A POMPE MANUELLE DOTE D'UNE BUSE DE SECURITE POUR ENFANTS

(71) **CONTICO INTERNATIONAL, INC.** [US/US]; 1101 North Warson Road, St. Louis, MO 63132 (US).

(72) **FOSTER, Donald, D.**; 2524 Trenton Station, St. Charles, MO 63303 (US). **HEINZELMAN, Bert, D.**; 17 Sherwood Road, Tenafly, NJ 07670 (US). **LAMOND, Donald, R.**; 18 Kowall Place, Lynbrook, NY 11563 (US). **FIEBEL, William**; 411 Brook Avenue, Passaic, NJ 07055 (US).

(74) **ROLNICKI, Joseph, M.** et al. / etc.; Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth Boulevard, St. Louis, MO 63105-1817 (US).

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

Published / Publiée : (b)

(11) **WO 98/21143** (13) A1

(21) PCT/FR97/02002

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13999 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ B68C 1/12

(54) SADDLE CLOTH COVERING THE WITHERS TAPIS DE SELLE COUVRANT LE GARROT

(71, 72) **DE JONG, Jacqueline** [FR/FR]; 110, route de Valbonne, F-06370 Mouans-Sartoux (FR).

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

Published / Publiée : (a)

(11) **WO 98/21144** (13) A1

(21) PCT/JP97/03990

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) ja (26) ja

(31) 8/300631 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C01B 13/11

(54) OZONE GENERATOR
GENERATEUR D'OZONE

(71) **NIPPON KAYAKU KABUSHIKI KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANEKO, Tadao** [JP/JP]; 2-5-36, Musashino, Akishima-shi, Tokyo 196 (JP). **OGAWA, Masanobu** [JP/JP]; 353-9, Kamitotsuka, Fujioka-shi, Gunma 375 (JP).

(74) **KAWAGUCHI, Yoshio** et al. / etc.; Yamada Building, 1-14, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160 (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 98/21145** (13) A1

(21) PCT/US97/18827

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/747,613 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C01B 25/10, C08L 85/02

(54) POLYHALOPHOSPHAZENE SOLUTIONS STABLE AGAINST GELATION
SOLUTIONS DE POLYHALOPHOSPHAZENES STABLES A LA GELIFICATION

(71) **VIRUS RESEARCH INSTITUTE, INC.** [US/US]; 61 Moulton Street, Cambridge, MA 02138 (US).

(72) **ANDRIANOV, Alexander, K.**; 151 Dalton Road, Belmont, MA 02178 (US). **SARGENT, Jonathan, R.**; Apartment E, 854 4th Street, Santa Monica, CA 90403 (US). **SULE, Sameer, S.**; 31 Royal Crest Drive #2, Marlboro, MA 01752 (US). **LEGOLVAN, Mark**; 39 Westover, West Roxbury, MA 02132 (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 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 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 98/21146** (13) A1

(21) PCT/RU96/00317

(22) **13 Nov/nov 1996 (13.11.1996)**

(25) ru (26) ru

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C01B 31/00, 31/02

(54) METHOD AND DEVICE FOR PRODUCING FULLERENES
PROCEDE ET DISPOSITIF DE PRODUCTION DE FULLERENES

(71, 72) **PETRIK, Viktor Ivanovich** [RU/RU]; Industrialny pr., 20-137, St.Petersburg, 195426 (RU). **KIRIKOV, Andrei Dmitrievich** [RU/RU]; Alleya Polikarpova, 5-572, St.Petersburg, 197341 (RU).

(74) **OSKOLKOV, Igor Konstantinovich**; Novocherkassky b-r, 55-240, Moscow, 109369 (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 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 (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 98/21147** (13) A1

(21) PCT/EP97/06137

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 46 333.5 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C01B 31/36, 21/082, C04B 35/56, C23C 30/00

(54) METHOD FOR PRODUCING OXYGEN-CONTAINING HARD MATERIALS AND THEIR USE
PROCEDE DE PRODUCTION DE MATIERES DURES RENFERMANT DE L'OXYGENE ET LEUR UTILISATION

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FÖRSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGER, Lutz-Michael** [DE/DE]; Cunnendorfer Strasse 12a, D-01189 Dresden (DE). **KRELL, Andreas** [DE/DE]; Altkaitz 7, D-01217 Dresden (DE). **LANGHOLF, Eckart** [DE/DE]; Händelallee 44, D-01309 Dresden (DE).

(74) **RAUSCHENBACH, Marion**; Sadisdorfer Weg 2a, D-01189 Dresden (DE).

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

Published / Publiée : (c)

(11) **WO 98/21148** (13) A1

(21) PCT/JP97/04073

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 8/313072 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C02F 1/52

(54) FLOCCULANT COMPOSITIONS AND WATER TREATMENT METHOD USING THE SAME
COMPOSITION FLOCCULANTE ET PROCEDE DE TRAITEMENT AQUEUX FAISANT APPEL A CETTE COMPOSITION

(71) **TAYCA CORPORATION** [JP/JP]; 1-3-47, Funamachi, Taisho-ku, Osaka-shi, Osaka-fu 551 (JP). **TAIMEI CHEMICALS CO., LTD.** [JP/JP]; 3685-2, Minamiminowa-mura, Kamiina-gun, Nagano-ken 399-45 (JP). **HINOMARU KOGYO CORPORATION** [JP/JP]; Osaka Ekimae Building No. 4, 11-4-900, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka-fu 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IWANE, Nobuo** [JP/JP]; 2-32-8, Ayukawa, Ibaraki-shi, Osaka-fu 567 (JP). **AOE, Teruo** [JP/JP]; 1481-18, Miyoshi, Okayama-shi, Okayama-ken 703 (JP). **MIYAZAWA, Takuma** [JP/JP]; 1761, Oaza Tatsuno, Tatsuno-machi, Kamiina-gun, Nagano-ken 399-04 (JP). **ARUGA, Shigemi** [JP/JP]; 1673, Oaza Sawasoko, Tatsuno-machi, Kamiina-gun, Nagano-ken 399-04 (JP). **TANAKA, Minoru** [JP/JP]; 1207-1, Oaza Nakaminowa, Minowa-machi, Kamiina-gun, Nagano-ken 399-46 (JP). **TANAKA, Yoshitaro** [JP/JP]; 4-7-30, Kamikotoen, Nishinomiya-shi, Hyogo-ken 662 (JP).

(74) **AKAOKA, Michio**; Koei Building, 1-13, Awajimachi 2-chome, Chuo-ku, Osaka-shi, Osaka-fu 541 (JP).

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

Published / Publiée : (a)

(11) **WO 98/21149** (13) A1

(21) PCT/GB97/03067

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623337.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C02F 1/70

(54) WATER TREATMENT PROCESS
PROCEDE DE TRAITEMENT DES EAUX

(71) **THOCAR LTD.** [GR/GB]; 19-21 Prospect Hill, Douglas, Isle of Man IM1 1ET (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELIGHIANNIS, Andreas, Th.** [GR/GR]; 125 T. Ikonomidi, GR-551 31 Thessaloniki (GR).

(74) **BAILLIE, Iain, C.** et al. / etc.; Langner Parry, 52-54 High Holborn, London WC1V 6RR (GB).

(81) AU BG BR BY CA CN CU CZ EE HU IL JP KP KR LK LT LV MK MX NO NZ PL RO RU SG SI SK TR UA US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21150** (13) A1

(21) PCT/US96/18022

(22) **12 Nov/nov 1996 (12.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C02F 3/04, 3/06

(54) SECONDARY SEWAGE TREATMENT SYSTEM
SYSTEME AUXILIAIRE DE TRAITEMENT DES EAUX USEES

(71, 72) **STUTH, William, L.** [US/US]; P.O. Box 950, Maple Valley, WA 98038-0950 (US).

(74) **CROSS, Harry, M., Jr.**; P.O. Box 280, Missoula, MT 59806 (US).

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

(11) **WO 98/21151** (13) A1

(21) PCT/AU97/00785

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) PO 3573 (32) **12 Nov/nov 1996 (12.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C02F 3/20, B01F 3/04, F16L 55/07, F16K 24/06

(54) A DIFFUSER FOR AERATING A FLUID
DIFFUSEUR POUR AERER UN FLUIDE

(71) **AQUATEC-MAXCON PTY. LTD.** [AU/AU]; Unit 4, 6 Byfield Street, North Ryde, NSW 2113 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAWSON, Thomas, Urie** [AU/AU]; 18 Victoria Street, Greenwich, NSW 2065 (AU). **ML-CHAEL, Mark, Monier** [AU/AU]; 4/45 Houston Road, Kingsford, NSW 2032 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21152** (13) A1

(21) PCT/US97/19907

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) PCT/US96/18464 (32) **15 Nov/nov 1996 (15.11.1996)** (33) WO

(34) US et al. / etc.

(31) 08/756,273 (32) **25 Nov/nov 1996 (25.11.1996)** (33) US

(31) 08/921,763 (32) **26 Aug/Août 1997 (26.08.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C02F 3/22, B09C 1/00

(54) GROUNDWATER REMEDIATION WITH MICROPOROUS DIFFUSOR
ASSAINISSEMENT DE L'EAU SOUTERRAINE A L'AIDE DE DIFFUSEURS MICROPOREUX

(63) US 29/038,499 (CIP)
US 5 May/mai 1995 (05.05.1995)
US 08/638,017 (CIP)
US 25 Apr/avr 1996 (25.04.1996)
US 08/756,273 (CIP)
US 25 Nov/nov 1996 (25.11.1996)
US 08/921,763 (CIP)
US 26 Aug/Août 1997 (26.08.1997)

(71) **K-V ASSOCIATES, INC.** [US/US]; Madaket Place, B12-13, 766 Falmouth Road, Mashpee, MA 02649 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KERFOOT, William, B.** [US/US]; 49 Ransom Road, Falmouth, MA 02540 (US).

(74) **KAHRL, Thomas, A.**; Madaket Place, Suite 7A, 766 Falmouth Road, Mashpee, MA 02649 (US).

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

Published / Publiée : (c)

(11) **WO 98/21153** (13) A1

(21) PCT/NL97/00622

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) nl (26) en

(31) 1004523 (32) **14 Nov/nov 1996 (14.11.1996)** (33) NL

(31) 1006507 (32) **8 Jul/juil 1997 (08.07.1997)** (33) NL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C02F 3/32, 9/00

(54) DEVICE FOR CLEANING POLLUTED WATER
DISPOSITIF DE NETTOYAGE D'EAU POLLUEE

(71) **H.T. RESEARCH B.V.** [NL/NL]; Drietoersweg 29, NL-8307 PC Ens (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WINTERS, Antonius, Paul, Leo, Maria** [NL/NL]; Drietoersweg 29, NL-8307 PC Ens (NL).

(74) **HOUIVELD, Arjen, Jan, Winfried** et al. / etc.; Arnold & Siedsma, P.O. Box 71720, NL-1008 DE Amsterdam (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 98/21154** (13) A1

(21) PCT/US97/20484

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,874 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C03B 9/00, 11/00, 13/00, 23/00, 23/20, 27/00, 29/00, C03C 27/00, 29/00

(54) METHOD FOR FORMING AN INTERNALLY CHANNELLED GLASS ARTICLE
PROCEDE DE FABRICATION D'UN ARTICLE DE VERRE A CANAUX INTERIEURS

(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) **ALLEN, Stephen, R.** [US/US]; 76 West First Street, Corning, NY 14830 (US). **ANDERSON, James, G.** [US/US]; 47 Campground Road, Beaver Dams, NY 14812 (US). **KIPHUT, Robert, J.** [US/US]; 260 Victory Highway, Painted Post, NY 14870 (US). **TRENTELMAN, Jackson, P.** [US/US]; 453 Beartown Road, Painted Post, NY 14870 (US).

(74) **HERZFELD, Alexander, R.**; Corning Incorporated, Patent Dept., SP FR 02-12, Corning, NY 14831 (US).

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

(11) **WO 98/21155** (13) A1

(21) PCT/FR97/02056

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/13900 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C03C 25/02

(54) METHOD FOR TREATING FIBROUS MINERAL MATERIALS WITH TOXIC RISKS
PROCEDE DE TRAITEMENT DE MATERIAUX FIBREUX MINERAUX A RISQUES TOXIQUES

(71) **UNIVERSITE DES SCIENCES ET DE TECHNOLOGIES DE LILLE** [FR/FR]; F-59655 Villeneuve d'Ascq Cedex (FR).

(72) **VAST, Pierre**; 53, rue Pasteur, F-59810 Lesquin (FR).

(74) **PEAUCELLE, Chantal** et al. / etc.; Cabinet Armengaud Ainé, 3, avenue Bugeaud, F-75116 Paris (FR).

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

(11) **WO 98/21156** (13) A1

(21) PCT/NL96/00449

(22) **14 Nov/nov 1996 (14.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C03C 25/02, C09D 183/06

(54) A HIGH TEMPERATURE COATING COMPOSITION FOR GLASS OPTICAL FIBERS
COMPOSITION DE REVETEMENT A HAUTE TEMPERATURE POUR FIBRES OPTIQUES EN VERRE

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(72) **LAPIN, Stephen, C.**; 15 N. 082 Shirewood Farms Road, Hampshire, IL 60005 (US). **MURPHY, Edward, J.**; 742 South Mitchell, Arlington Heights, IL 60005 (US).

(74) **DEN HARTOG, Jeroen, Hendrikus, Joseph**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

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

(11) **WO 98/21157** (13) A1

(21) PCT/NL97/00612

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/745,790 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 08/840,893 (32) **17 Apr/avr 1997 (17.04.1997)** (33) US

(31) 08/877,585 (32) **17 Jun/juin 1997 (17.06.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C03C 25/02

(54) RADIATION-CURABLE OPTICAL GLASS FIBER COATING COMPOSITIONS, COATED OPTICAL GLASS FIBERS, AND OPTICAL GLASS FIBER ASSEMBLIES
COMPOSITIONS DE REVETEMENT DE FIBRE OPTIQUE EN VERRE DURCISSANT SOUS L'EFFET D'UN RAYONNEMENT, FIBRES OPTIQUES EN VERRE REVETUES ET ENSEMBLES DE FIBRES OPTIQUES EN VERRE

(71) DSM N.V. [NL/NL]; Het Overloon I, NL-6411 TE Heerlen (NL).

(72) SZUM, David, M.; 646 N. Oaklawn Avenue, Elmhurst, IL 60126 (US). BISHOP, Timoty, Edward; 1720 Riverwood Drive, Algonquin, IL 60102 (US). ZAHORA, Edward, Paul; 11S 601 Walter Lane, Naperville, IL 60564 (US). PASTERNAK, George; 656 Masters Lane, Riverwoods, IL 60015 (US). VANDEBERG, John, Thomas; 415 West Oakwood Drive, Barrington, IL 60010 (US). PETISCE, James, Raymond; 2175 Hamilton Drive, West Dundee, IL 60118 (US). CHAWLA, Chander, Prakash; 1300 North Avenue, Batavia, IL 60510 (US). LAPIN, Stephen; 15N082 Shirewood Farms Road, Hampshire, IL 60140 (US). SNOWHITE, Paul; 1830 W. Highland #202D, Elgin, IL 60123 (US).

(74) DEN HARTOG, Jeroen, Hendrikus, Joseph; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

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

(11) WO 98/21158 (13) A1

(21) PCT/US97/20535

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 08/748,250 (32) 12 Nov/nov 1996 (12.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C04B 14/20, B02B 5/02, C08K 7/16, 3/34

(54) A DRY GRINDING AID FOR DRY MILLING A CALCINED KAOLIN CLAY AND A RELATED METHOD
AUXILIAIRE DE BROUAGE A SEC POUR ARGILE KAOLINIQUE CALCINEE ET PROCEDE CORRESPONDANT

(71) ECC INTERNATIONAL INC. [US/US]; Suite 300, 100 Mansell Court East, Roswell, GA 30076 (US).

(72) POPE, William, H.; 739 Woodbine Drive, Sandersville, GA 31082 (US). McNEELY, Raymond, Brock; 201 McNeely Street, Davisboro, GA 31018 (US).

(74) KIKEL, Suzanne; ECC International Inc., Calgon Center, 5400 Campbells Run Road, Pittsburgh, PA 15205-1084 (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 TJ TM TR TT UA UG 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).

Published / Publiée : (c)

(11) WO 98/21159 (13) A1

(21) PCT/GB97/03125

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(31) 9623568.4 (32) 13 Nov/nov 1996 (13.11.1996) (33) GB

(31) 9702014.3 (32) 31 Jan/jan 1997 (31.01.1997) (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C04B 26/04 // (C04B 26/04, 14:06, 14:10, 14:22, 24:08, 24:36, 40:06)

(54) MIXTURES OF MATERIALS SETTABLE ON EXPOSURE TO ATMOSPHERE
MELANGES DE MATERIAUX DURCISSABLES PAR EXPOSITION A L'ATMOSPHERE

(71) CAIRN HOLDINGS (UK) [-/GB]; Carrington Business Park, Carrington, Manchester M31 4YR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POLLITT, Clifford, Bruce [GB/GB]; Cuerdon Cottage, Cuerdon Drive, Thelwall, Warrington WA4 3JU (GB).

(74) URQUHART-DYKES & LORD; Northern Assurance Buildings, Albert Square, Manchester M2 4DN (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH 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 98/21160 (13) A1

(21) PCT/EP97/06314

(22) 12 Nov/nov 1997 (12.11.1997)

(25) de (26) de

(31) 196 46 690.3 (32) 12 Nov/nov 1996 (12.11.1996) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C04B 28/18, 18/14, G21F 1/04 // (C04B 28/18, 14:36, 18:14)

(54) COMPONENTS, METHOD OF PRODUCING THEM, AND THEIR USE
ELEMENT CONSTITUTIF, PROCEDE PERMETTANT DE LE PRODUIRE ET SON UTILISATION

(71) SICOWA VERFAHRENSTECHNIK FÜR BAUSTOFFE GMBH & CO. KG [DE/DE]; Hander Weg 17, D-52072 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71) THYSSEN STAHL AG [DE/DE]; Kaiser-Wilhelm-Strasse 100, D-47161 Duisburg (DE).
(only for / seulement pour AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE)

(72, 75) KOSLOWSKI, Thomas [DE/DE]; Am Brombeerhang 15, D-52072 Aachen (DE). ENGERT, Hanns-Jörg [DE/DE]; Laurensberger Strasse 53, D-52072 Aachen (DE).

(74) SOLF, Alexander; Solf & Zapf, Candidplatz 15, D-81825 München (DE).

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

Published / Publiée : (c)

(11) WO 98/21161 (13) A1

(21) PCT/EP97/06136

(22) 6 Nov/nov 1997 (06.11.1997)

(25) de (26) de

(31) 196 46 334.3 (32) 9 Nov/nov 1996 (09.11.1996) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C04B 35/117, 35/119, B23B 27/14

(54) AL₂O₃ SINTER CERAMICS WITH REINFORCED HARD MATERIAL AND METHOD FOR THEIR PRODUCTION
CERAMIQUES FRITTEES A BASE DE AL₂O₃ ET RENFORCEES PAR UNE SUBSTANCE DURE ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRELL, Andreas [DE/DE]; Altkaitz 7, D-01217 Dresden (DE). BERGER, Lutz-Michael [DE/DE]; Cunnersdorfer Strasse 12a, D-01189 Dresden (DE). LANGHOLF, Ekhart [DE/DE]; Händelallee 44, D-01309 Dresden (DE). BLANK, Paul [DE/DE]; Bernhardstrasse 86, D-01187 Dresden (DE).

(74) RAUSCHENBACH, Marion; Sadisdorfer Weg 2a, D-01189 Dresden (DE).

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

Published / Publiée : (c)

(11) WO 98/21162 (13) A1

(21) PCT/GB97/03077

(22) 10 Nov/nov 1997 (10.11.1997)

(25) en (26) en

(31) 9623459.6 (32) 9 Nov/nov 1996 (09.11.1996) (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C04B 35/66, 35/63

(54) AN INSULATING REFRACTORY TYPE MATERIAL AND A METHOD OF MAKING SUCH A MATERIAL
MATERIAU ISOLANT DE TYPE REFRACTAIRE ET TECHNIQUE DE FABRICATION

(71, 72) MANN, Ian, James [GB/GB]; 6 Chambres Road, Southport, Merseyside PR8 6JQ (GB).

(74) W.P. THOMPSON & CO.; Coopers Building, Church Street, Liverpool L1 3AB (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK 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 98/21163 (13) A1

(21) PCT/DE97/02597

(22) 7 Nov/nov 1997 (07.11.1997)

(25) de (26) de

(31) 196 46 094.8 (32) 8 Nov/nov 1996 (08.11.1996) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C04B 35/80

(54) METHOD FOR CHEMICAL VAPOUR INFILTRATION OF REFRACTORY SUBSTANCES, ESPECIALLY CARBON AND SILICON CARBIDE
 PROCEDE D'INFILTRATION CHIMIQUE EN PHASE VAPEUR DE MATIERES REFRACTAIRES, NOTAMMENT DE CARBONE ET DE CARBURE DE SILICIUM

(71) SINTEC KERAMIK GMBH [DE/DE]; Romantische Strasse 18, D-87642 Buching (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÜTTINGER, Klaus, J. [DE/DE]; Max-Liebermann-Strasse 11c, D-76227 Karlsruhe (DE). BENZINGER, Walther [DE/DE]; Kirchgasse 3, D-67271 Neuleiningen (DE).

(74) VIERING, Hans-Martin; Viering, Jentschura & Partner, Steinsdorfstrasse 6, D-80538 München (DE).

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

Published / Publiée : (c)

(11) WO 98/21164 (13) A1

(21) PCT/CA97/00844

(22) 10 Nov/nov 1997 (10.11.1997)

(25) en (26) en

(31) 60/030,518 (32) 12 Nov/nov 1996 (12.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C04B 38/00, B01D 71/02

(54) FUNCTIONALLY GRADIENT CERAMIC STRUCTURES
 STRUCTURES CERAMIQUES A GRADIENT FONCTIONNEL

(71) NATIONAL RESEARCH COUNCIL OF CANADA [CA/CA]; Intellectual Property Services Office, EG-12, Building M-58, Montreal Road, Ottawa, Ontario K1A 0R6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DARCOVICH, Ken [CA/CA]; 99 Riverdale Avenue, Ottawa, Ontario K1S 1R1 (CA).

(74) ANDERSON, J., Wayne; National Research Council of Canada, Intellectual Property Services Office, EG-12, Building M-58, Montreal Road, Ottawa, Ontario K1A 0R6 (CA).

(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 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).

Published / Publiée : (c)

(11) WO 98/21165 (13) A1

(21) PCT/US97/19934

(22) 6 Nov/nov 1997 (06.11.1997)

(25) en (26) en

(31) 08/748,301 (32) 13 Nov/nov 1996 (13.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C04B 41/50, 35/58

(54) METHOD OF PREPARING COATED NITRIDE POWDER AND THE COATED POWDER PRODUCED THEREBY
 PROCEDE DE PREPARATION DE POUFRE DE NITRURE ENROBEE ET POUFRE ENROBEE AINSI PRODUITE

(71) THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) EISMAN, Glenn, A.; 2101 Sylvan Lane, Midland, MI 48640 (US). KIRCHHOFF, Robert, A.; 3800 Fuller, Midland, MI 48642 (US). YALVAC, Selim; 210 Teakwood, Lake Jackson, TX 77566 (US). HOWARD, Kevin, E.; 1015 Whispering Oak Drive, Midland, MI 48642 (US). BANKER, Brian, M.; Apartment 2A, 2211 Eastlawn, Midland, MI 48642 (US). KESTERSON, Matthew, R.; Apartment 357, 349 West Clinton Avenue, State College, PA 16803 (US).

(74) NILSEN, Kevin, J.; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).

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

Published / Publiée : (c)

(11) WO 98/21166 (13) A1

(21) PCT/US97/21180

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(31) 60/030,168 (32) 13 Nov/nov 1996 (13.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C05C 11/00

(54) FERTILIZER COMPOSITIONS INCLUDING CHELATED METAL IONS
 COMPOSITIONS D'ENGRAIS CONTENANT DES IONS METAL CHELATES

(71) STOLLER ENTERPRISES, INC. [US/US]; Suite 200, 8580 Katy Freeway, Houston, TX 77024 (US).

(72) DEAN, Frank, W.; 25414 Sugar Valley, Spring, TX 77373 (US).

(74) BROOKHART, Walter, R.; Browning Bushman, Suite 1800, 5718 Westheimer, Houston, TX 77057 (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 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 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 98/21167 (13) A1

(21) PCT/US97/20402

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 08/747,484 (32) 12 Nov/nov 1996 (12.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C05G 3/00

(54) STABLE AQUEOUS FERTILIZER COMPOSITION CONCENTRATE COMPRISING POTASSIUM
 CONCENTRE STABLE DE COMPOSITIONS FERTILISANTES AQUEUSES CONTENANT DU POTASSIUM

(71) RHONE-POULENC, INC. [US/US]; Prospect Plains Road, Cranbury, NJ 08512-7500 (US).

(72) EINZIGER, Mark, David; 6 Hearstone Drive, Manalapan, NJ 07726 (US).

(74) SHEDDEN, John, A. et al. / etc.; Rhone-Poulenc Inc., Building N, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) WO 98/21168 (13) A1

(21) PCT/US96/18372

(22) 13 Nov/nov 1996 (13.11.1996)

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C06B 45/10

(54) HIGH ENERGY THERMOPLASTIC ELASTOMER PROPELLANT
 AGENT PROPULSIF CONTENANT UN ELASTOMERE THERMOPLASTIQUE A HAUTE ENERGIE

(71, 72) MANNING, Thelma [US/US]; 70 Passaic Valley Road, Montville, NJ 07045 (US). PREZELSKI, Joseph [US/US]; 6P Village Green, Budd Lake, NJ 07828 (US). MOY, Sam [US/US]; 69 Glassboro Road, Parsippany, NJ 07054 (US). STRAUSS, Bernard [US/US]; 20 Iroquois Avenue, Rockaway, NJ 07866 (US). HARTWELL, Jim [US/US]; 14 Harvest Lane, Elkton, MD 21921 (US). JUHASZ, Arpad [US/US]; 302 Roxbury Court, Joppa, MD 21085 (US). LIEB, Robert [US/US]; 307 Summerfield Court, Joppa, MD 21085 (US).

(74) CALLAGHAN, John, E.; U.S. Army ARDEC, Attn: AMSTA-AR-GCL (Building 3), Picatinny Arsenal, Dover, NJ 07806-5000 (US).

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

(11) WO 98/21169 (13) A1

(21) PCT/US97/20328

(22) 10 Nov/nov 1997 (10.11.1997)

(25) en (26) en

(31) 08/747,342 (32) 13 Nov/nov 1996 (13.11.1996) (33) US

(31) 08/851,113 (32) 5 May/mai 1997 (05.05.1997) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C06D 5/00

(54) INFLATOR HAVING ALUMINUM OR ALUMINA BEAD FILTER
 DISPOSITIF DE GONFLAGE DOTE D'UN FILTRE COMPORANT DES BILLES D'ALUMINE OU D'ALUMINIUM

(71) **AUTOMOTIVE SYSTEMS LABORATORY, INC.** [US/US]; Suite B-12, 27200 Haggerty Road, Farmington Hills, MI 48331 (US).

(72) **SIDDIQUI, Shahid, A.**; 33720 Oak Point Circle, Farmington Hills, MI 48331 (US).

(74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302-1476 (US).

(81) GB JP.

Published / Publiée : (c)

(11) **WO 98/21170** (13) A1

(21) PCT/US97/20331

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/746,601 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 5/23

(54) PROCESS FOR OLEFIN ISOMERIZATION
PROCEDE D'ISOMERISATION D'OLEFINES

(71) **CHEVRON CHEMICAL COMPANY LLC** [US/US]; 555 Market Street, San Francisco, CA 94105 (US).

(72) **MILLER, Stephen, J.**; 520 - 45th Avenue, San Francisco, CA 94121 (US).

(74) **HAYMOND, W., Bradley et al.** / etc.; Chevron Corporation, Law Dept., P.O. Box 7141, San Francisco, CA 94120-7141 (US).

(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 98/21171** (13) A1

(21) PCT/US97/20448

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/744,157 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 17/20, 17/087, 19/08

(54) LIQUID PHASE CATALYTIC FLUORINATION OF HYDROCHLOROCARBON AND HYDROCHLOROFLUOROCARBON
FLUORATION CATALYTIQUE EN PHASE LIQUIDE D'HYDROCHLOROCARBURE ET D'HYDROCHLOROFLUOROCARBURE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **THENAPPAN, Alagappan**; 30 Butternut Road, Checktowaga, NY 14227 (US). **TUNG, Hsueh, S.**; 16 Vassar Drive, Getzville, NY 14068 (US). **BELL, Robert, L.**; 575 Tonawanda Creek, Amherst, NY 143228 (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 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 98/21172** (13) A1

(21) PCT/JP97/04114

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/316958 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 43/225, C09K 19/12, 19/14, 19/30, 19/42, G02F 1/13

(54) PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT
DERIVES DE PHENYLPOLYHALOALKYL-ETHER, COMPOSITIONS DE CRISTAUX LIQUIDES CONTENANT CES DERIVES, ET ELEMENT D'AFFICHAGE A CRISTAUX LIQUIDES

(71) **CHISSO CORPORATION** [JP/JP]; 6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIBATA, Kouichi** [JP/JP]; 27-2, Tatsumidai-higashi 3-chome, Ichihara-shi, Chiba 290 (JP). **MATSUI, Shuichi** [JP/JP]; 17, Tatsumidai-higashi 2-chome, Ichihara-shi, Chiba 290 (JP). **MIYAZAWA, Kazutoshi** [JP/JP]; 3-27-7, Chiharadai, Ichihara-shi, Chiba 290-01 (JP). **TAKEUCHI, Hiroyuki** [JP/JP]; 353-1, Saihiro, Ichihara-shi, Chiba 290 (JP). **HISATSUNE, Yasusuke** [JP/JP]; 3220-1, Anegasaki, Ichihara-shi, Chiba 299-01 (JP). **TAKESHITA, Fusayuki** [JP/JP]; 939-5, Nakatomi, Kimitsu-shi, Chiba 299-11 (JP). **NAKAGAWA, Etsuo** [JP/JP]; 8890, Goi, Ichihara-shi, Chiba 290 (JP).

(74) **KAWAKITA, Takenaga**; Sowa Building, 3-6, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103 (JP).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS 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 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 98/21173** (13) A1

(21) PCT/CA97/00850

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/744,880 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 67/40, 69/14

(54) PROCESS FOR ETHYL ACETATE PRODUCTION
PROCEDE DE PRODUCTION D'ACETATE D'ETHYLE

(71) **CHINESE PETROLEUM CORPORATION** [-/-]; 83 Section 1, Chung Hwa Road, Taipei 10031 (TW).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **LIN, Tzong-Bin** [-/-]; 156 Ho Ping Road, Chia-Yi 600 (TW). **CHUANG, Karl, T.** [CA/CA]; 8472-117 Street, Edmonton, Alberta T6G 1R5 (CA). **TSAI, Kun-Yung** [-/-]; 8F, 208-4, Shou Shan Road, Tao-Yuan 330 (TW). **CHANG, Jen-Ray** [-/-]; 29 Alley 121, Lane 621, Wu Feng S. Road, Chia-Yi 600 (TW).

(74) **MITCHELL, Richard, J.**; Marks & Clerk, Suite 1380, 55 Metcalfe Street, Ottawa, Ontario K1P 5S7 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21174** (13) A1

(21) PCT/EP97/06400

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) MI96A002366 (32) **14 Nov/nov 1996 (14.11.1996)** (33) IT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 69/734, A01N 37/36, C07C 41/16, C07D 239/26, C07C 255/57, 251/60, 249/04

(54) STROBILURINE ANALOGUE COMPOUNDS WITH FUNGICIDAL ACTIVITY
COMPOSES ANALOGUES DE LA STROBILURINE AYANT UNE ACTIVITE FONGICIDE

(71) **ISAGRO RICERCA S.R.L.** [IT/IT]; Via F.Casati, 20, I-20123 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PICCARDI, Paolo** [IT/IT]; Via E. De Marchi, 8, I-20125 Milano (IT). **VENTURINI, Isabella** [IT/IT]; Via Brescia, 3, I-28100 Novara (IT). **SIGNORINI, Ernesto** [IT/IT]; Via Matteotti, 55, I-21046 Malnate (IT). **FILIPPINI, Lucio** [IT/IT]; Via Morandi, 13/A, I-20097 San Donato Milanese (IT).

(74) **DE GREGORI, Antonella et al.** / etc.; Ing. Barzani & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milano (IT).

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

Published / Publiée : (c)

(11) **WO 98/21175** (13) A1

(21) PCT/US97/20472

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/747,592 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 231/18, 233/43, 213/02, 217/86, 233/25, 205/37

(54) PROCESS FOR THE PREPARATION OF OPTICALLY PURE ISOMERS OF FORMOTEROL
PROCEDE DE PREPARATION D'ISOMERES DE FORMOTEROL OPTIQUEMENT PURS

(71) **SEPRACOR, INC.** [-/US]; 111 Locke Drive, Marlborough, MA 01752 (US).

(72) **GAO, Yun**; 7 Davis Road, Southborough, MA 01772 (US). **HETT, Robert**; 2 Port Street, Hudson, MA 01749 (US). **FANG, Kevin, Q**; 35 Atwood Street, Wellesley, MA 02181 (US). **WALD, Stephen, A.**; 7 Cider Mill Road, Sudbury, MA 01776 (US). **SENANAYAKE, Chris, H.**; 11 Old Farm Circle, Shrewsbury, MA 01545 (US).

(74) **HANSEN, Philip, E.** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21176** (13) A1

(21) PCT/KR97/00220

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 1996/53207 (32) **11 Nov/nov 1996 (11.11.1996)** (33) KR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 235/08, 235/74, 231/04, C07H 15/12, A61K 7/48, 7/00

(54) NOVEL PSEUDOCERAMIDES, AND DERMATOLOGIC EXTERNAL PREPARATIONS CONTAINING THE SAME
NOUVEAUX PSEUDOCERAMIDES ET PREPARATIONS LES CONTENANT UTILISEES EN DERMATOLOGIE EXTERNE

(71) **AEKYUNG INDUSTRIAL CO., INC.** [KR/KR]; 83, Kuro-dong, Kuro-ku, Seoul 152-050 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Byeong, Deog** [KR/KR]; 59-1, Sugok-dong, Chongju-shi, Chungchongbuk-do 361-150 (KR). **BAIK, In, Sob** [KR/KR]; 306-407, Shindong-a Apt., Samchon-dong, So-ku, Taejon-shi 302-222 (KR). **LEE, Jong, Gi** [KR/KR]; 302-502, Shindong-a Apt., Samchon-dong, So-ku, Taejon-shi 302-222 (KR). **KIM, Yoon** [KR/KR]; 501-803, 5-Danji, Jookong Apt., Panam-dong, Dong-ku, Taejon-shi 300-130 (KR). **LEE, Myung, Jin** [KR/KR]; 114-801, Pyoksan Apt., Hongun 1-dong, Sodaemun-ku, Seoul 120-101 (KR).

(74) **SUH, Man, Kyu**; 3 Fl., Jung-An Building, 827-64, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(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 98/21177** (13) A1

(21) PCT/JP97/04125

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/317109 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(31) 9/269234 (32) **16 Sep/sep 1997 (16.09.1997)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 311/19, 311/29, C07D 333/24, A61K 31/195, 31/215, 31/38

(54) BENZENESULFONAMIDE DERIVATIVES AND DRUGS CONTAINING THE SAME

DERIVES BENZENESULFONAMIDE ET MEDICAMENTS LES CONTENANT

(71) **HOKURIKU SEIYAKU CO., LTD.** [JP/JP]; 37-1-1, Inokuchi, Katsuyama-shi, Fukui 911 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YASUDA, Shingo** [JP/JP]; Hokuriku Seiyaku Co., Ltd., 37-1-1, Inokuchi, Katsuyama-shi, Fukui 911 (JP). **OGAWA, Nobuo** [JP/JP]; Hokuriku Seiyaku Co., Ltd., 37-1-1, Inokuchi, Katsuyama-shi, Fukui 911 (JP). **SAKURAI, Shunichi** [JP/JP]; Hokuriku Seiyaku Co., Ltd., 37-1-1, Inokuchi, Katsuyama-shi, Fukui 911 (JP).

(74) **IMAMURA, Masazumi** et al. / etc.; Towa Yaesu 1-chome Building, 7th floor, 8-12, Yaesu 1-chome, Chuo-ku, Tokyo 103 (JP).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS 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 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 98/21178** (13) A1

(21) PCT/US97/21131

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,896 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 381/10, C07D 333/46, 231/38, 213/76, 487/04, C07C 303/38

(54) N-ARYLSULFILIMINE COMPOUNDS AND THEIR USE AS CATALYSTS IN THE PREPARATION OF N-ARYLARYLSULFONAMIDE COMPOUNDS
COMPOSES DE N-ARYLSULFILIMINE ET UTILISATION DE CES DERNIERS EN TANT QUE CATALYSEURS DANS LA PREPARATION DE COMPOSES DE N-ARYLARYLSULFONAMIDE

(71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(72) **RINGER, James, William**; 2715 Colony Drive, Midland, MI 48642 (US). **PEARSON, Douglas, Lee**; 2649 N. Tamarack Drive, Midland, MI 48642 (US). **SCOTT, Carmen, A.**; 906 223rd PL N.E., Redmond, WA 98053 (US). **WALLIN, Anne, Parson**; 1917 Plymouth Street, Midland, MI 48642 (US).

(74) **OSBORNE, David, Wendell**; Dow AgroSciences LLC, Law Dept., 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 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; 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).

Published / Publiée : (c)

(11) **WO 98/21179** (13) A1

(21) PCT/JP97/04158

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) ja (26) ja

(31) 8/337396 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 405/00, C07F 7/22, 1/08

(54) PROCESS FOR THE PREPARATION OF PROSTAGLANDINS
PROCEDE DE PREPARATION DE PROSTAGLANDINES

(71) **FUJI YAKUHIN KOGYO KABUSHIKI KAISHA** [JP/JP]; 530, Chokeiji, Takaoka-shi, Toyama 933 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURATA, Noriaki** [JP/JP]; Fuji Yakuhin Kogyo Kabushiki Kaisha, 530, Chokeiji, Takaoka-shi, Toyama 933 (JP). **ARAMATA, Atsunori** [JP/JP]; Fuji Yakuhin Kogyo Kabushiki Kaisha, 530, Chokeiji, Takaoka-shi, Toyama 933 (JP). **TAKEUCHI, Tadashi** [JP/JP]; Fuji Yakuhin Kogyo Kabushiki Kaisha, 530, Chokeiji, Takaoka-shi, Toyama 933 (JP).

(74) **KUZUWA, Kiyoshi** et al. / etc.; Kuzuwa & Partner, Sogo Kojimachi Dai-ichi Building, 2, Kojimachi 3-chome, Chiyoda-ku, Tokyo 102 (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 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 98/21180** (13) A1

(21) PCT/US96/17901

(22) **12 Nov/nov 1996 (12.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 405/00, A61K 31/557

(54) CONFORMATIONALLY RIGID ARYL- OR HETEROARYL PROSTAGLANDINS FOR USE IN GLAUCOMA THERAPY
PROSTAGLANDINES ARYLE OU HETEROARYLE A CONFORMATION RIGIDE UTILISEES DANS LE TRAITEMENT DES GLAUCOMES

(63) US 08/480,707 (CIP)
7 Jun/juin 1995 (07.06.1995)

(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZINKE, Paul, W.** [US/US]; 4129 Willow Way Road, Fort Worth, TX 76133 (US). **BISHOP, John, E.** [US/US]; 878 Townsend Road, Groton, MA 01450 (US). **DEAN, Thomas, R.** [US/US]; 101 Meadow View Court, Weatherford, TX 76087 (US). **HELLBERG, Mark, R.** [US/US]; 5211 Overridge Drive, Arlington, TX 76107 (US).

(74) **COPELAND, Barry, L.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

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

(11) **WO 98/21181** (13) A2

(21) PCT/US97/20671

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,519 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 405/00(54) 15-FLUORO PROSTAGLANDINS AS OCULAR HYPOTENSIVES
15-FLUORO PROSTAGLANDINES UTILISEES EN TANT QU'HYPOTENSEURS OCULAIRES(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KLIMKO, Peter, G.** [US/US]; 2115 Pembroke Drive, Fort Worth, TX 76110 (US). **HELLBERG, Mark, R.** [US/US]; 5211 Overridge Drive, Arlington, TX 76017 (US). **ZINKE, Paul, W.** [US/US]; 4129 Willow Way Road, Fort Worth, TX 76133 (US).(74) **COPELAND, Barry, L.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

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

(11) **WO 98/21182** (13) A2

(21) PCT/US97/20857

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/030,504 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07C 405/00(54) *CIS*- Δ^4 ANALOGS OF PROSTAGLANDINS AS OCULAR HYPOTENSIVES
ANALOGUES *CIS*- Δ^4 DE PROSTAGLANDINES SERVANT D'HYPOTENSEURS OCULAIRES(71) **ALCON LABORATORIES, INC.** [US/US]; 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KLIMKO, Peter, G.** [US/US]; 2115 Pembroke Drive, Fort Worth, TX 76110 (US). **ZINKE, Paul, W.** [US/US]; 4129 Willow Way Road, Fort Worth, TX 76133 (US).(74) **COPELAND, Barry, L.** et al. / etc.; Alcon Laboratories, Inc., Patent Dept., Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

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

(11) **WO 98/21183** (13) A1

(21) PCT/AT97/00245

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) A 1973/96 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 207/12, A61K 31/40(54) PURE ENANTIOMER BASIC ARYL-CYCLOALKYL-HYDROXYCARBOXYLIC ACID ESTERS, PROCESS FOR PREPARING THE SAME AND THEIR USE IN MEDICAMENTS
ESTERS BASIQUES ENANTIOMERES PURS D'ACIDE ARYL-CYCLOALKYL-HYDROXYCARBOXYLIQUE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION DANS DES MEDICAMENTS(71, 72) **NOE, Christian, R.** [AT/AT]; Paul-Ehrlich-Strasse 31, D-60596 Frankfurt am Main (DE). **MUTSCHLER, Ernst** [DE/DE]; Am Hachenberg 24, D-55129 Mainz (DE).(72, 75) **LAMBRECHT, Günter** [DE/DE]; Am Schinnersgraben 79, D-55129 Mainz (DE). **ELGERT, Michael** [DE/DE]; Talstrasse 87, D-60437 Frankfurt am Main (DE). **CZECHÉ, Sittah** [DE/DE]; Stoelzelstrasse 2, D-99867 Gotha (DE). **WAELEBROECK, Magali** [BE/BE]; Rue Demosthène 63, B-1070 Brüssel (BE).(74) **BERGER, Erhard**; Siebensterngasse 39, A-1070 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 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 98/21184** (13) A1

(21) PCT/IB97/01367

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,880 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 213/75, 213/30, C07B 43/04, A61K 31/44(54) PROCESS FOR SUBSTITUTED PYRIDINES
PROCEDE DE PREPARATION DE PYRIDINES SUBSTITUEES(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) **DEVRIES, Keith, Michael** [US/US]; 4 Waterhouse Lane, Chester, CT 06412 (US). **DOW, Robert, Lee** [US/US]; 132 Shore Road, Waterford, CT 06385 (US). **WRIGHT, Stephen, Wayne** [US/US]; 1 Whitman Lane, Old Lyme, CT 06731 (US).(74) **SPIEGEL, Allen, J.** et al. / etc.; Pfizer Inc., 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 IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/21185** (13) A1

(21) PCT/JP97/04053

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) ja (26) ja

(31) 8/296870 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 213/75, 213/40, 401/12, A61K 31/44, 31/495, 31/50, 31/505, 31/535(54) ARYLUREAS OR ARYLMETHYLCARBAMOYL DERIVATIVES
ARYLUREES OU DERIVES D'ARYLMETHYLCARBAMYLE(71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **YANAGISAWA, Hiroaki** [JP/JP]; 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140 (JP). **NAITO, Satoru** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140 (JP). **TAKAMURA, Makoto** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140 (JP). **KOGA, Teichiro** [JP/JP]; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140 (JP).(74) **OHNO, Akio** et al. / etc.; Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140 (JP).

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

(11) **WO 98/21186** (13) A1

(21) PCT/US97/20782

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,526 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US(31) 968,035 (32) **12 Nov/nov 1997 (12.11.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 217/12, 279/02, 285/20, 285/24, 471/04, 497/00, 497/04, 513/04(54) BENZOTHIAZO AND RELATED HETEROCYCLIC GROUP-CONTAINING CYSTEINE AND SERINE PROTEASE INHIBITORS
INHIBITEURS BENZOTHIAZO, OU CONTENANT DES GROUPES HETEROCYCLIQUES APPARENTES, DE LA CYSTEINE OU DES PROTEASES SERINES(71) **CEPHALON, INC.** [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US).(72) **BIHOVSKY, Ron**; 804 Primrose Lane, Wynnewood, PA 19096 (US). **WELLS, Gregory, J.**; 818 Serpentine Drive, West Chester, PA 19382 (US). **TAO, Ming**; 1604 Squire Drive, Maple Glen, PA 19002 (US).(74) **MILLER, Suzanne, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21187** (13) A1

(21) PCT/JP97/03736

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) ja (26) ja

(31) 8/317154 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP(31) 8/356866 (32) **26 Dec/déc 1996 (26.12.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 231/20, 403/10, 413/10, 417/10, A01N 43/56, 43/76, 43/78, 43/80, 43/82

(54) NOVEL HETEROCYCLE SUBSTITUTED BENZENE DERIVATIVES AND HERBICIDE

- NOUVEAUX DERIVES DE BENZENE A SUBSTITUTION HETEROCYCLIQUE, ET HERBICIDE
- (71) **NIPPON SODA CO., LTD.** [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
- (71, 72) **ADACHI, Hiroyuki** [JP/JP]; Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-02 (JP). **YAMAGUCHI, Masao** [JP/JP]; Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-02 (JP). **MIYAHARA, Osamu** [JP/JP]; Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-02 (JP). **TANAKA, Katsunori** [JP/JP]; Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-02 (JP). **KAWANA, Takashi** [JP/JP]; Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-02 (JP). **TAKAHASHI, Akihiro** [JP/JP]; Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-02 (JP). **KOGUCHI, Masami** [JP/JP]; Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-02 (JP). **YAMAGISHI, Hideki** [JP/JP]; Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-02 (JP).
- (74) **TOKAI, Yusaku**; Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21188** (13) A1
(21) PCT/GB97/03033
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 9623283.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB
(31) 9715893.5 (32) **29 Jul/juil 1997 (29.07.1997)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 239/26, A61K 31/505, C07D 213/56, A61K 31/44, C07D 213/61, 213/84, 213/89, 213/73, 403/10
- (54) HETEROCYCLE DERIVATIVES WHICH INHIBIT FACTOR Xa
DERIVES HETEROCYCLIQUES INHIBANT LE FACTEUR Xa
- (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) **PRESTON, John** [GB/GB]; Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **STOCKER, Andrew** [GB/GB]; Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **TURNER, Paul** [GB/GB]; Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **SMITHERS, Michael, James** [GB/GB]; Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **RAYNER, John, Wall** [GB/GB]; Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (74) **BROWN, Andrew, Stephen**; Zeneca Pharmaceuticals, Intellectual Property Dept., Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VZ VN YU ZW; AP (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 98/21189** (13) A1
(21) PCT/EP97/05954
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) de (26) de
(31) 196 46 407.2 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 239/52, 239/56, A01N 43/54
- (54) HALOGEN PYRIMIDINYL ARYL
(THIO)ETHERS AS PESTICIDES
HALOGENOPYRIMIDINYL-
ARYL(THIO)ETHERS UTILISES COMME
PESTICIDES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GAYER, Herbert** [AT/DE]; Sandstrasse 66, D-40789 Monheim (DE). **GERDES, Peter** [DE/DE]; Waldstrasse 75, D-52080 Aachen (DE). **HEINEMANN, Ulrich** [DE/DE]; Am Sonnenhang 1, D-42799 Leichlingen (DE). **KRÜGER, Bernd-Wieland** [DE/DE]; Am Vorend 52, D-51467 Bergisch Gladbach (DE). **TIEMANN, Ralf** [DE/DE]; Ernst-Ludwig-Kirchner-Strasse 5, D-51375 Leverkusen (DE). **DÜTZMANN, Stefan** [DE/DE]; Weißenstein 95, D-40764 Langenfeld (DE). **HANSSLER, Gerd** [DE/DE]; Am Arenzberg 58a, D-51381 Leverkusen (DE). **STENZEL, Klaus** [DE/DE]; Seesener Strasse 17, D-40595 Düsseldorf (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VZ VN YU ZW; AP (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 98/21190** (13) A1
(21) PCT/US97/20233
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 08/748,876 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 251/08, A61K 31/53
- (54) SUBSTITUTED TETRAHYDRO-1,3,5-
TRIAZIN-2[1H]-THIONES AS ANTI-
ATHEROSCLEROTIC AGENTS
TETRAHYDRO-1,3,5-TRIAZIN-2[1H]-
THIONES SUBSTITUES SERVANT D'AGENTS
ANTI-ATHEROSCLEREUX
- (71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).
- (72) **MEMOLI, Kevin, Anthony**; The Orchard Apartment 139F, Cranbury, NJ 08512 (US). **STRIKE, Donald, Peter**; 445 Iven Avenue, St. Davids, PA 19087 (US). **FAILLI, Amedeo, Arturo**; 14 Landing Lane, Princeton Junction, NJ 08550 (US). **STEFFAN, Robert, John**; 263 Wheatshaf Lane, Langhorne, PA 19047 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VZ VN YU ZW; AP (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 98/21191** (13) A1
(21) PCT/JP96/03340
(22) **14 Nov/nov 1996 (14.11.1996)**
(25) ja (26) ja
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 251/70
- (54) CYANOETHYLMELAMINE DERIVATIVES
AND PROCESS FOR PRODUCING THE SAME
DERIVES DE CYANOETHYLMELAMINE ET
PROCEDE DE PRODUCTION
- (71) **NISSAN CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 7-1, Kandanishiki-cho 3-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANAKA, Norio** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba-ken 274 (JP). **MIZUSAWA, Kenichi** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba-ken 274 (JP). **ISHIKAWA, Makoto** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba-ken 274 (JP). **FUKUE, Yasuo** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba-ken 274 (JP). **HASHIBA, Isao** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba-ken 274 (JP).
- (74) **HANABUSA, Tsuneo** et al. / etc.; Hanabusa Patent Office, Ochonomizu Square B, 6, Kanda Surugadai 1-chome, Chiyoda-ku, Tokyo 101 (JP).
- (81) CA CN KR NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21192** (13) A1
(21) PCT/EP97/05972
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) en (26) en
(31) 9623304.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 275/06
- (54) PROCESS FOR THE PREPARATION OF 1,8-NAPHTHOSULTAM
PROCEDE DE PREPARATION DE 1,8-NAPHTOSULTAME
- (71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KORHUMMEL, Claus** [DE/DE]; Ritterstrasse 24g, D-79639 Grenzach-Wyhlen (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

- (11) **WO 98/21193** (13) A1
 (21) PCT/EP97/06311
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) MI96A002368 (32) **14 Nov/nov 1996 (14.11.1996)** (33) IT
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 285/10, C07K 5/062, A61K 31/41, 38/05
 (54) ANTITHROMBOTIC ORGANIC NITRATES NITRATES ORGANIQUES A ACTIVITE ANTI-THROMBOTIQUE
 (71) **NICOX S.A.** [FR/FR]; 45, avenue Kléber, F-75116 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DEL SOLDATO, Piero** [IT/IT]; Via Toti, 22, I-20052 Monza (IT).
 (74) **SAMA, Daniele** et al. / etc.; Sama Patents, Via G.B. Morgagni, 2, I-20129 Milano (IT).
 (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 RU SG SI SK TR TT UA 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).

Published / Publiée : (c)

- (11) **WO 98/21194** (13) A1
 (21) PCT/KR97/00222
 (22) **13 Nov/nov 1997 (13.11.1997)**
 (25) en (26) en
 (31) 1996/53721 (32) **13 Nov/nov 1996 (13.11.1996)** (33) KR
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 307/46, A61K 31/335
 (54) NOVEL BIPHENYL DICARBOXYLIC ACID DERIVATIVES AND PROCESS FOR PREPARING THE SAME NOUVEAUX DERIVES D'ACIDE BIPHENYLE DICARBOXYLIQUE ET LEUR PROCEDE DE PREPARATION
 (71, 72) **KIM, Jae, Chul** [KR/KR]; Suri Apt. 822-403, 1151-5, Sanbon-dong, Kunpo-si, Kyungki-do 435-040 (KR).
 (72, 75) **YOO, Hwan, Bong** [KR/KR]; 184, Keumku-ri, Okcheon-eup, Okcheon-kun, Chungchoongbuk-do 378-800 (KR). **PARK, Choung, Uk** [KR/KR]; 138-61, Ji-dong, Paldal-ku, Suwon-si, Kyungki-do 442-060 (KR).
 (74) **HUH, Sang, Hoon**; 13th floor, Hyecheon Building, 831, Yeoksam-dong, Kangnam-ku, Seoul 135-792 (KR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21195** (13) A1
 (21) PCT/US97/20231
 (22) **10 Nov/nov 1997 (10.11.1997)**
 (25) en (26) en
 (31) 08/747,948 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 307/60, A61K 31/34
 (54) INDENE INHIBITORS OF COX-2 INDENES INHIBITEURS DU COX-2
 (71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).
 (72) **FAILLI, Amedeo, Arturo**; 14 Landing Lane, Princeton Junction, NJ 08550 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21196** (13) A1
 (21) PCT/JP97/03998
 (22) **31 Oct/oct 1997 (31.10.1997)**
 (25) ja (26) ja
 (31) 8/311236 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 309/16 // C12P 17/06, A61K 31/35, (C12P 17/06, C12R 1:80)
 (54) ANTIBIOTIC TKR2648 AND PROCESS FOR PRODUCING THE SAME ANTIBIOTIQUE TKR2648 ET SON PROCEDE DE PRODUCTION
 (71) **TAKARA SHUZO CO., LTD.** [JP/JP]; 609, Takenaka-cho, Fushimi-ku, Kyoto-shi, Kyoto 612 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **TAKESAKO, Kazutoh** [JP/JP]; 4-20-208, Akibadai, Otsu-shi, Shiga 520 (JP). **SAITO, Hideoharu** [JP/JP]; Hamoparesu-Kusatsu 304, 12-1, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525 (JP). **UENO, Mitsuhiro** [JP/JP]; 6-28, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525 (JP). **AWAZU, Naoyuki** [JP/JP]; Hamoparesu-Kusatsu 107, 12-1, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525 (JP). **KATO, Ikunoshin** [JP/JP]; 1-1-150, Nanryo-cho, Uji-shi, Kyoto 611 (JP).

(74) **ADATI, Mituo** et al. / etc.; Shin-Ei Building, 6th floor, 6-20, Tosabori 1-chome, Nishi-ku, Osaka-shi, Osaka 550 (JP).

(81) AU CA CN JP KR MX US 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 98/21197** (13) A2
 (21) PCT/EP97/06227
 (22) **10 Nov/nov 1997 (10.11.1997)**
 (25) en (26) en
 (31) 96118037.9 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP
 (34) DE et al. / etc.
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 311/00
 (54) PROCESS FOR MANUFACTURING d,1- α -TOCOPHEROL PROCEDE DE FABRICATION DE D,1-ALPHA-TOCOPHEROL
 (71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 24, CH-4070 Basle (CH).
 (72) **BAAK, Marcel**; Ebenrainweg 7, CH-4450 Sissach (CH). **BONRATH, Werner**; Haslachstrasse 140, D-79115 Freiburg (DE). **PAULING, Horst**; Ruchholzstrasse 39, CH-4103 Bottmingen (CH).
 (74) **KELLENBERGER, Marcus**; Grenzacherstrasse 124, CH-4070 Basle (CH).
 (81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21198** (13) A1
 (21) PCT/JP97/04116
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) ja (26) ja
 (31) 08/747,877 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 333/24, C08F 220/18, 228/06, 290/06, C08G 73/10, G02F 1/35
 (54) NOVEL COMPOUNDS, POLYMERS, RESIN COMPOSITIONS, NONLINEAR OPTICS, NON-LINEAR OPTICAL DEVICES, AND PROCESS FOR PRODUCING THE SAME NOUVEAUX COMPOSES, POLYMERES, COMPOSITIONS DE RESINES, OPTIQUES NON LINEAIRES ET DISPOSITIFS OPTIQUES NON LINEAIRES, ET PROCEDE DE PRODUCTION ASSOCIE
 (71) **HITACHI CHEMICAL COMPANY, LTD.** [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-04 (JP).
 (72) **HONDA, Yutaka**; 1-17-8, Ottominami, Tsuchiura-shi, Ibaraki-ken 300 (JP). **FUKUCHI, Iwao**; 1-15-18, Hanabatake, Tsukuba-shi, Ibaraki-ken 305 (JP). **TAYA, Masato**; 1602-93, Ooaza-Tamado, Shimodate-shi, Ibaraki-ken 308 (JP). **JEN, Kwan-Yue, Alex**; 27 Harbor Road, Morganville, Monmouth County, NJ 07751 (US).
 (74) **TOMITA, Kazuko** et al. / etc.; 7F Yokohama HS-Building, 9-10, Kitasaiwai 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220 (JP).
 (81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21199** (13) A2
 (21) PCT/EP97/06243
 (22) **10 Nov/nov 1997 (10.11.1997)**

- (25) en (26) en
 (31) 2797/96 (32) **12 Nov/nov 1996** (33) CH
 (12.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 401/00, A01N 43/00
 (54) NOVEL HERBICIDES
 NOUVEAUX HERBICIDES
 (71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215,
 CH-4058 Basel (CH).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **NEBEL, Kurt** [CH/CH]; Baselweg 32,
 CH-4146 Hochwald (CH). **BRUNNER, Hans-
 Georg** [CH/CH]; Wannenstrasse 14, CH-4415
 Lausen (CH). **SCHURTER, Rolf** [CH/CH]; Holz-
 mattstrasse 45, CH-4102 Binningen (CH).
 (74) **ROTH, Bernhard**; 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 HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MD MG MK MN MW MX NO 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 98/21200** (13) A1

(21) PCT/US97/20835

(22) **12 Nov/nov 1997** (12.11.1997)

(25) en (26) en

(31) 08/751,107 (32) **15 Nov/nov 1996** (33) US
 (15.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 401/06, A61K 31/415, C07D 231/14,
 231/12

(54) CERTAIN PYRAZOLE DERIVATIVES AS
 CORTICOTROPIN-RELEASING FACTOR RE-
 CEPTOR CRF₁ SPECIFIC LIGANDS
 DERIVES DU PYRAZOLE LIGANDS SPECI-
 FIKES DU RECEPTEUR DU FACTEUR DE LI-
 BERATION DE LA CORTICOTROPHINE (CRF₁)

(71) **NEUROGEN CORPORATION** [US/US]; 35
 Northeast Industrial Road, Branford, CT 06405
 (US).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **YUAN, Jun** [US/US]; 26 Cedar Road, Clinton,
 CT 06413 (US).

(74) **SARUSSI, Steven, J.**; McDonnell Boehnen Hul-
 bert & 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 ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21201** (13) A1

(21) PCT/JP97/04136

(22) **13 Nov/nov 1997** (13.11.1997)

(25) en (26) en

(31) 8/303361 (32) **14 Nov/nov 1996** (33) JP
 (14.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 401/12

(54) CRYSTALS OF BENZIMIDAZOLE DERIVA-
 TIVES AND THEIR PRODUCTION
 CRISTAUX DE DERIVES BENZIMIDAZOLE ET
 LEUR PRODUCTION

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.**
 [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku,
 Osaka-shi, Osaka 541 (JP).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **KATO, Masayasu** [JP/JP]; 8-407, Asahiga-
 kacho 9-chome, Ashiya-shi, Hyogo 659 (JP).
ISHIDA, Toru [JP/JP]; 12-39, Hoshouen, Taka-
 razuka-shi, Hyogo 665 (JP).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CN CU
 CZ EE GE HU ID IL IS KG KR KZ LC LK LR
 LT LV MD MG MK MN MX NO NZ PL RO RU
 SG SI SK SL TJ TM TR TT UA US UZ VN YU;
 AP (GH 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 98/21202** (13) A1

(21) PCT/EP97/05986

(22) **23 Oct/oct 1997** (23.10.1997)

(25) en (26) en

(31) 9623522.1 (32) **11 Nov/nov 1996** (33) GB
 (11.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 403/14, A61K 31/40, C07D 407/14, A61K
 31/415, C07D 409/14, 417/14, A61K 31/425

(54) BENZOHETEROCYCLIC DISTAMYCIN DERI-
 VATIVES, PROCESS FOR PREPARING THEM,
 AND THEIR USE AS ANTITUMOR AND AN-
 TIVIRAL AGENTS
 DERIVES DE LA DISTAMYCINE BENZO-
 HETEROCYCLIQUE, LEUR PROCEDE DE
 PREPARATION ET LEUR UTILISATION
 COMME AGENTS ANTITUMORAUX OU AN-
 TIVIRAUX

(71) **PHARMACIA & UPJOHN S.P.A.** [IT/IT]; Via
 Robert Koch, 1.2, I-20152 Milan (IT).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **COZZI, Paolo** [IT/IT]; Via Zanella, 48/5,
 I-20133 Milan (IT). **BARALDI, Pier, Giovanni**
 [IT/IT]; Via Tulipani, 73, I-44100 Ferrara (IT).
BERIA, Italo [IT/IT]; Via G. Matteotti, 39,
 I-45030 Villamarzana (IT). **CALDARELLI,
 Marina** [IT/IT]; Via Besenjanica, 9, I-20147
 Milan (IT). **CAPOLONGO, Laura** [IT/IT]; Via P.
 Rembrandt, 11, I-20147 Milan (IT). **SPALLUTO,
 Giampiero** [IT/IT]; Via Pomposa, 20, I-44100
 Ferrara (IT). **ROMAGNOLI, Romeo** [IT/IT]; Via
 Bologna, 291, I-44100 Ferrara (IT).

(81) AU BG BR CA CN CZ EE HU IL JP KR LT LV
 MX NO NZ PL SG SI TR 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).

Published / Publiée : (c)

(11) **WO 98/21203** (13) A1

(21) PCT/US97/20460

(22) **12 Nov/nov 1997** (12.11.1997)

(25) en (26) en

(31) 60/029,998 (32) **12 Nov/nov 1996** (33) US
 (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 405/14, 405/06, 249/12, A61K 31/495

(54) 2R,4S,S,R- AND 2S,4R,S,R-
 HYDROXYITRACONAZOLE
 2R,4S,S,R- ET 2S,4R,S,R-HYDROXY-
 ITRACONAZOLE

(71) **SEPRACOR, INC.** [US/US]; 111 Locke Drive,
 Marlborough, MA 01752 (US).

(72) **HONG, Yaping**; 3 Ward Farm Circle, Framingham,
 MA 01701 (US). **KOCH, Patrick**; 19 Matheson
 Drive, The Pine Meadows, Marlborough, MA
 01752 (US). **MCCULLOUGH, John, R.**; 6 Da-
 vidson Road, Worcester, MA 01605 (US). **SENA-
 NAYAKE, Chris, H.**; 11 Old Farm Circle, Shrews-
 bury, MA 01545 (US). **TANOURY, Gerald, J.**;
 849 Boston Post Road #9-G, Marlborough, MA
 01752 (US).

(74) **HANSEN, Philip, E.** et al. / etc.; Heslin &
 Rothenberg, P.C., 5 Columbia Circle, Albany, NY
 12203 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21204** (13) A1

(21) PCT/US97/20461

(22) **12 Nov/nov 1997** (12.11.1997)

(25) en (26) en

(31) 60/031,073 (32) **12 Nov/nov 1996** (33) US
 (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 405/14, 405/06, 249/12, A61K 31/495

(54) 2R,4S,S,S- AND 2S,4R,S,S-
 HYDROXYITRACONAZOLE
 2R,4S,S,S ET 2S,4R,S,S HYDROXY ITRACONA-
 ZOLE

(71) **SEPRACOR, INC.** [US/US]; 111 Locke Drive,
 Marlborough, MA 01752 (US).

(72) **KOCH, Patrick**; 19 Matheson Drive, The Pine
 Meadows, Marlborough, MA 01752 (US). **MC-
 CULLOUGH, John, R.**; 6 Davidson Road,
 Worcester, MA 01605 (US). **SENNAYAKE,
 Chris, H.**; 11 Old Farm Circle, Shrewsbury,
 MA 01545 (US). **TANOURY, Gerald, J.**;
 849 Boston Post Road #9-G, Marlborough, MA 01752
 (US). **HONG, Yaping**; 3 Ward Farm Circle,
 Framingham, MA 01701 (US).

(74) **HANSEN, Philip, E.** et al. / etc.; Heslin &
 Rothenberg, P.C., 5 Columbia Circle, Albany, NY
 12203 (US).

(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).

Published / Publiée : (c)

- (11) **WO 98/21205** (13) A1
 (21) PCT/US97/20462
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 60/029,992 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 405/14, 405/06, 249/12, A61K 31/495
 (54) 2R,4S,R,R- AND 2S,4R,R,R-
 HYDROXYITRACONAZOLE
 HYDROXY-ITRACONAZOLE 2R,4S,R,R ET
 2S,4R,R,R
 (71) **SEPRACOR, INC.** [US/US]; 111 Locke Drive,
 Marlborough, MA 01752 (US).
 (72) **SENANAYAKE, Chris, H.**; 11 Old Farm Circle,
 Shrewsbury, MA 01545 (US). **TANOURY,
 Gerald, J.**; 849 Boston Post Road #9-G,
 Marlborough, MA 01752 (US). **HONG, Yaping**;
 3 Ward Farm Circle, Framingham, MA 01701
 (US). **KOCH, Patrick**; The Pine Meadows, 19
 Matheson Drive, Marlborough, MA 01752 (US).
MCCULLOUGH, John, R.; 6 Davidson Road,
 Worcester, MA 01605 (US).
 (74) **HANSEN, Philip, E.** et al. / etc.; Heslin &
 Rothenberg, P.C., 5 Columbia Circle, Albany, NY
 12203 (US).
 (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).

Published / Publiée : (c)

- (11) **WO 98/21206** (13) A1
 (21) PCT/EP97/06321
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 96203175.3 (32) **14 Nov/nov 1996 (14.11.1996)** (33) EP
 (34) NL et al. / etc.
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 409/06, 405/06, 211/70, A61K 31/445 //
 (C07D 409/06, 333/00, 21/00) (C07D 405/06,
 307/00, 211/00)
 (54) PIPERIDINE DERIVATIVES
 DERIVES DE LA PIPERIDINE
 (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) **RAE, Duncan, Robertson** [GB/GB]; 17 Cle-
 ghorn Road, Lanark, Lanarkshire ML11 7GR (GB).
GIBSON, Samuel, George [GB/GB]; 19 Ross
 Crescent, Motherwell, Lanarkshire ML1 (GB).
 (74) **KRAAK, H.**; P.O. Box 20, NL-5340 BH Oss (NL).
 (81) AU BR CA CN CZ HU ID JP KR MX NO NZ PL
 RU SG TR US; EP (AT BE CH DE DK ES FI FR
 GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21207** (13) A1
 (21) PCT/EP97/06131
 (22) **5 Nov/nov 1997 (05.11.1997)**

- (25) de (26) de
 (31) 196 46 503.6 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE
 (31) 96118414.0 (32) **16 Nov/nov 1996 (16.11.1996)** (33) EP
 (34) AT et al. / etc.
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 417/04, 417/14, A61K 31/425
 (54) (2,3-DIHYDROBENZOFURANYL)-
 THIAZOLES AS PHOSPHODIESTERASE
 INHIBITORS
 (2,3-DIHYDROBENZOFURANYL)-
 THIAZOLES UTILISES COMME INHIBITEURS
 DE LA PHOSPHODIESTERASE

- (71) **BYK GULDEN LOMBERG CHEMISCHE FA-
 BRIK GMBH** [DE/DE]; Byk-Gulden-Strasse 2,
 D-78467 Konstanz (DE).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72) **AMSCHLER, Hermann**; Hohenhewenstrasse 19,
 D-78315 Radolfzell (DE). **MARTIN, Thomas**;
 Sonnenbühlstrasse 73, D-78464 Konstanz (DE).
FLOCKERZI, Dieter; Ackerweg 26, D-78476
 Allensbach (DE). **GUTTERER, Beate**; Allens-
 bacher Strasse 6b, D-78476 Allensbach (DE). **GOE-
 BEL, Karl-Josef**; Im Kirchental 12, D-78315
 Radolfzell (DE). **HATZELMANN, Armin**;
 Alter Wall 3, D-78467 Konstanz (DE). **BOSS, Hil-
 degard**; Flurweg 3a, D-78464 Konstanz (DE).
HÄFNER, Dietrich; Beethovenstrasse 5, D-78464
 Konstanz (DE). **KLEY, Hans-Peter**; Im Weinberg 3b,
 D-78476 Allensbach (DE). **BEUME, Rolf**;
 Bohlstasse 13, D-78465 Konstanz (DE).
*(for all designated States except / pour tous les États
 désignés sauf CA US)*
 (72, 75) **BÄR, Thomas** [DE/DE]; Blarerstrasse 16,
 D-78462 Konstanz (DE). **ULRICH, Wolf-
 Rüdiger** [DE/DE]; Hebelstrasse 3, D-78464
 Konstanz (DE).
 (74) **BYK GULDEN LOMBERG CHEMISCHE FA-
 BRIK GMBH**; Byk-Gulden-Strasse 2, D-78467
 Konstanz (DE).
 (81) AL AU BA BG BR CA CN CZ EE GE HU ID IL
 JP KR LT LV MK MX NO NZ PL RO SG SI SK
 TR UA US VN YU ZW; EA (AM AZ BY KG KZ
 MD RU TJ TM); EP (AT BE CH DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21208** (13) A1
 (21) PCT/EP97/06096
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 196 46 298.3 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
 (31) 96118188.0 (32) **13 Nov/nov 1996 (13.11.1996)** (33) EP
 (34) AT et al. / etc.
 (31) 197 39 056.0 (32) **5 Sep/sep 1997 (05.09.1997)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C07D 471/04, A61K 31/47 // (C07D 471/04,
 221/00, 221/00)
 (54) BENZONAPHTHYRIDINES AS BRONCHIAL
 THERAPEUTICS
 BENZONAPHTHYRIDINES EN TANT QUE
 AGENTS THERAPEUTIQUES BRONCHIQUES

- (71) **BYK GULDEN LOMBERG CHEMISCHE FA-
 BRIK GMBH** [DE/DE]; Byk-Gulden-Strasse 2,
 D-78467 Konstanz (DE).
*(for all designated States except / pour tous les États
 désignés sauf US)*

- (72) **GUTTERER, Beate**; Allensbacher Strasse 6b,
 D-78476 Allensbach (DE). **AMSCHLER, Her-
 mann**; Hohenhewenstrasse 19, D-78315 Radolf-
 zell (DE). **ULRICH, Wolf-Rüdiger**; Hebel-
 strasse 3, D-78464 Konstanz (DE). **MARTIN,
 Thomas**; Sonnenbühlstrasse 73, D-78464 Kon-
 stanz (DE). **BÄR, Thomas**; Blarerstrasse 16,
 D-78462 Konstanz (DE). **HATZELMANN, Ar-
 min**; Alter Wall 3, D-78467 Konstanz (DE).
SANDERS, Karl; Mainaustrasse 207d, D-78464
 Konstanz (DE). **BEUME, Rolf**; Bohlstasse 13,
 D-78465 Konstanz (DE). **BOSS, Hildegard**;
 Flurweg 3a, D-78464 Konstanz (DE). **HÄFNER,
 Dietrich**; Beethovenstrasse 5, D-78464 Kon-
 stanz (DE). **KLEY, Hans-Peter**; Im Weinberg 3b,
 D-78476 Allensbach (DE). **GOEBEL, Karl-
 Josef**; Im Kirchental 12, D-78315 Radolfzell (DE).
*(for all designated States except / pour tous les États
 désignés sauf CA US)*
 (72, 75) **FLOCKERZI, Dieter** [DE/DE]; Ackerweg 26,
 D-78476 Allensbach (DE).
 (74) **BYK GULDEN LOMBERG CHEMISCHE FA-
 BRIK GMBH**; Byk-Gulden-Strasse 2, D-78467
 Konstanz (DE).
 (81) AL AU BA BG BR CA CN CZ EE GE HU ID IL
 JP KR LT LV MK MX NO NZ PL RO SG SI SK
 TR UA US VN YU ZW; EA (AM AZ BY KG KZ
 MD RU TJ TM); EP (AT BE CH DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21209** (13) A1

(21) PCT/EP97/06130

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 46 460.9 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE(31) 96118187.2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07D 471/04, 491/04, A61K 31/435(54) NEW IMIDAZOPYRIDINES AND OXAZOLO-
 PYRIDINES
 NOUVELLES IMIDAZOPYRIDINES ET OXA-
 ZOLOPYRIDINES(71) **BYK GULDEN LOMBERG CHEMISCHE FA-
 BRIK GMBH** [DE/DE]; Byk-Gulden-Strasse 2,
 D-78467 Konstanz (DE).
*(for all designated States except / pour tous les États
 désignés sauf US)*(72) **AMSCHLER, Hermann**; Hohenhewenstrasse 19,
 D-78315 Radolfzell (DE). **MARTIN, Thomas**;
 Sonnenbühlstrasse 73, D-78464 Konstanz (DE).
FLOCKERZI, Dieter; Ackerweg 26, D-78476
 Allensbach (DE). **GUTTERER, Beate**; Allens-
 bacher Strasse 6b, D-78476 Allensbach (DE). **THI-
 BAUT, Ulrich**; Egger Wiese 14, D-78464 Kon-
 stanz (DE). **HATZELMANN, Armin**;
 Alter Wall 3, D-78467 Konstanz (DE). **BOSS, Hildegard**;
 Flurweg 3a, D-78464 Konstanz (DE). **HÄFNER,
 Dietrich**; Beethovenstrasse 5, D-78464 Kon-
 stanz (DE). **KLEY, Hans-Peter**; Im Weinberg 3b,
 D-78476 Allensbach (DE). **BEUME, Rolf**;
 Bohlstasse 13, D-78465 Konstanz (DE).
*(for all designated States except / pour tous les États
 désignés sauf CA US)*(72, 75) **BÄR, Thomas** [DE/DE]; Blarerstrasse 16,
 D-78462 Konstanz (DE). **ULRICH, Wolf-
 Rüdiger** [DE/DE]; Hebelstrasse 3, D-78464
 Konstanz (DE).(74) **BYK GULDEN LOMBERG CHEMISCHE FA-
 BRIK GMBH**; Byk-Gulden-Strasse 2, D-78467
 Konstanz (DE).(81) AL AU BA BG BR CA CN CZ EE GE HU ID IL
 JP KR LT LV MK MX NO NZ PL RO SG SI SK
 TR UA US VN YU ZW; EA (AM AZ BY KG KZ
 MD RU TJ TM); EP (AT BE CH DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21210** (13) A1
(21) PCT/EP97/06299
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 9623684.9 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 477/00, A61K 31/40, C07D 495/04
(54) TRICYCLIC CARBAPENEM COMPOUNDS COMPOSES CARBAPENEM
- (71) **GLAXO WELLCOME S.P.A.** [IT/IT]; Via Alessandro Fleming, 2, I-37100 Verona (IT). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROSSI, Tino** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **ANDREOTTI, Daniele** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **TEDESCO, Giovanna** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **TARSI, Luca** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **RATTI, Emiliangelo** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **FERIANI, Aldo** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **PIZZI, Domenica, Antonia** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **GA VIRAGHLI, Giovanni** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **BIONDI, Stefano** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT). **FINIZIA, Gabriella** [IT/IT]; Glaxo Wellcome S.p.A., Via Alessandro Fleming, 2, I-37100 Verona (IT).
- (74) **LEAROYD, Stephanie, Anne**; Glaxo Wellcome plc, Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (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 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 98/21211** (13) A1
(21) PCT/US97/18980
(22) **27 Oct/oct 1997 (27.10.1997)**
(25) en (26) en
(31) 60/030,943 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 491/22, A61K 31/495
(54) 1- AND 2-SUBSTITUTED MARCFORTINES AND PARAHYDROQUAMIDES AS ANTIPARASITIC AGENTS MARCFORTINES ET PARAHYDROQUAMIDES SUBSTITUES EN POSITION 1 ET 2 UTILISES COMME ANTIPARASITAIRES
- (71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Byung, H.** [KR/US]; 5905 Stoney Brook, Kalamazoo, MI 49009 (US). **CLOTHIER, Michael, F.** [US/US]; 5427 East Q Avenue, Kalamazoo, MI 49001 (US). **McWHORTER, William, W., Jr.** [US/US]; 349 Glendale Boulevard, Parchment, MI 49004 (US).
- (74) **STEIN, Bruce**; Pharmacia & Upjohn Company, Intellectual Property Legal Services, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
- (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 98/21212** (13) A1
(21) PCT/EP97/06263
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 96203117.5 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP
(34) NL et al. / etc.
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 503/02, A61K 31/42
(54) PROCESS FOR THE PREPARATION OF SALTS AND ESTERS OF CLAVULANIC ACID PROCEDE DE PREPARATION DE SELS ET D'ESTERS D'ACIDE CLAVULANIQUE
- (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) **BOOLI, Johannes** [NL/NL]; Bos en Duinplein 10, NL-2061 VS Bloemendaal (NL). **VAN DEN HEUVEL, Antonius** [NL/NL]; Brinckerinckstraat 30, NL-2531 VD Den Haag (NL).
- (74) **VISSER-LUIRINK, Gesina** et al. / etc.; Gist-Brocades N.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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (c)
- (11) **WO 98/21213** (13) A2
(21) PCT/US97/20729
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 60/029,990 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07D 521/00, C07F 9/6558, A61K 31/495
(54) 2R,4S,R,S- AND 2S,4R,R,S- HYDROXYITRACONAZOLE- AND HYDROXY SAPERCONAZOLE DERIVATIVES DERIVES DE 2R,4S,R,S ET 2S,4R,R,S- HYDROXYITRACONAZOLE ET HYDROXY-SAPERCONAZOLE
- (71) **SEPRACOR, INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US).
- (72) **MCCULLOUGH, John, R.**; 6 Davidson Road, Worcester, MA 01605 (US). **SENANAYAKE, Chris, H.**; 11 Old Farm Circle, Shrewsbury, MA 01545 (US). **TANOURY, Gerald, J.**; 849 Boston Post Road #9-G, Marlborough, MA 01752 (US). **HONG, Yaping**; 3 Ward Farm Circle, Framingham, MA 01701 (US). **KOCH, Patrick**; 19 Matheson Drive, The Pine Meadows, Marlborough, MA 01752 (US).
- (74) **HANSEN, Philip, E.** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203 (US).
- (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 98/21214** (13) A1
(21) PCT/US97/20390
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 60/031,088 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(31) 08/966,011 (32) **7 Nov/nov 1997 (07.11.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07F 9/02, 15/00, B01J 31/00
(54) SYNTHESIS OF RUTHENIUM OR OSMIUM METATHESIS CATALYSTS SYNTHESE DE CATALYSEURS DE META-THESE A BASE D'OSMIUM OU DE RUTHENIUM
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).
- (72) **GRUBBS, Robert, H.**; 1700 South Spruce Street, South Pasadena, CA 91030 (US). **BELDERRAIN, Tomas, R.**; c/o Jose De Espronceda, Dos Hermanas, 34, E-41700 Sevilla (ES). **BROWN, Seth, N.**; 857 Forest Avenue, South Bend, IN 46616 (US). **WILHELM, Thomas, E.**; 290 North Madison Avenue #206, Pasadena, CA 91101 (US).
- (74) **BENGTSSON, W., Patrick** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4262 (US).
- (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 98/21215** (13) A1
(21) PCT/JP97/04097
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) ja (26) ja
(31) 8/302173 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07F 9/09, 9/10
(54) PHOSPHOLIPID COMPOSITION

COMPOSITION DE PHOSPHOLIPIDES

- (71) **Q.P. CORPORATION** [JP/JP]; 4-13, Shibuya 1-chome, Shibuya-ku, Tokyo 150 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72) 75 **NARABE, Hitoshi** [JP/JP]; 8-26, Okubo 2-chome, Shinjuku-ku, Tokyo 169 (JP). **TANABE, Kiyoko** [JP/JP]; 845-1, Kogasaki, Matsudo-shi, Chiba 271 (JP). **SHIGEMATSU, Yasuhiko** [JP/JP]; 643-1, Ishida, Kunitachi-shi, Tokyo 186 (JP). **ISHIKAWA, Noriyuki** [JP/JP]; 3-6-1302, Kamiyugi 3-chome, Hachioji-shi, Tokyo 192-03 (JP). **YAMADA, Mari** [JP/JP]; 43-9, Wada 1-chome, Higashi-Tokorozawa, Tokorozawa-shi, Saitama 359 (JP). **KOBAYASHI, Hideaki** [JP/JP]; 14-14, Fujimi-cho, Hachioji-shi, Tokyo 192 (JP).
- (74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 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 98/21216** (13) A1

(21) PCT/GB97/02992

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 9623311.9 (32) 8 Nov/nov 1996 (08.11.1996) (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07F 19/00, 5/02, 7/00, B01J 31/00, C07F 7/28, 15/00, 15/06

(54) METALLACARBORANES
METALLACARBORANES

(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 **TINKER, Nigel, Dennis** [GB/GB]; British Nuclear Fuels plc, Research & Technology, Risley, Warrington, Cheshire WA3 6AS (GB). **WADE, Kenneth** [GB/GB]; University of Durham Science Laboratories, Dept. of Chemistry, South Road, Durham DH1 3LE (GB). **HIBBERT, Thomas, Gibson** [GB/GB]; University of Durham Science Laboratories, Dept. of Chemistry, South Road, Durham DH1 3LE (GB).

(74) **HARRISON, Michael, Robert**; 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 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 98/21217** (13) A1

(21) PCT/JP96/03319

(22) 12 Nov/nov 1996 (12.11.1996)

(25) ja (26) ja

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07H 3/02, 1/00

(54) PROCESS FOR THE PREPARATION OF GLUCOSE FROM VEGETABLE FIBROUS MATERIALS

PROCEDE DE PREPARATION DE GLUCOSE A PARTIR DE MATERIAUX FIBREUX VEGETAUX

(71) **TSURUNAGA, Takehisa** [JP/JP]; 28-4-304, Hasure 3-chome, Itabashi-ku, Tokyo 174 (JP). **SUZUKI, Yasutaka** [JP/JP]; 16-4-611, Higashitateishi 1-chome, Katsushika-ku, Tokyo 124 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72) 75 **HATA, Seiji** [JP/JP]; 21-11-302, Koishikawa 5-chome, Bunkyo-ku, Tokyo 112 (JP).

(74) **OHASHI, Kunihiko**; NP-II Building, 11th floor, 1-16, Hongo 5-chome, Bunkyo-ku, Tokyo 113 (JP).

(81) AU BR CA CN IL KR MN MX NZ SG US 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 98/21218** (13) A1

(21) PCT/CA97/00851

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 08/746,393 (32) 8 Nov/nov 1996 (08.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07H 3/04, 3/06

(54) SOLID SUPPORT MATRICES CONTAINING A TOXIN BINDING OLIGOSACCHARIDE
MATRICES DE SUPPORT SOLIDE CONTENANT UN OLIGOSACCHARIDE FIXATEUR DE TOXINE

(71) **SYNSORB BIOTECH, INC.** [CA/CA]; 201 1204 Kensington Road N.W., Calgary, Alberta T2N 3P5 (CA).

(72) **HINDSGAUL, Ole**; 9330 81 Avenue, Edmonton, Alberta T6C 0X3 (CA). **NILSSON, Ulf, J.**; Kiliansgatan 10, S-223 50 Lund (SE).

(74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21219** (13) A1

(21) PCT/US97/11986

(22) 16 Jul/juil 1997 (16.07.1997)

(25) en (26) en

(31) 08/749,568 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07H 13/06

(54) PHASE TRANSFER CATALYST FOR USE IN THE SYNTHESIS OF POLYOL FATTY ACID POLYESTERS
CATALYSEUR DE TRANSFERT DE PHASE POUR LA SYNTHÈSE DE POLYESTERS POLYOL-ACIDES GRAS

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

(72) **CORRIGAN, Patrick, Joseph**; 33 Dexter Park Boulevard, Cincinnati, OH 45241 (US). **HOWIE, John, Keeney**; 5958 Olive Branch Road, Oregonia, OH 45054 (US).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK 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 98/21220** (13) A2

(21) PCT/CA97/00862

(22) 14 Nov/nov 1997 (14.11.1997)

(25) en (26) en

(31) 60/030,794 (32) 14 Nov/nov 1996 (14.11.1996) (33) US

(31) 08/751,510 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07H 15/00

(54) SACCHARIDE DERIVATIVES
DERIVES DE SACCHARIDE

(71) **SYNSORB BIOTECH, INC.** [CA/CA]; 201, 1204 Kensington Road N.W., Calgary, Alberta T2N 3P5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HINDSGAUL, Ole** [CA/CA]; 9330 81 Avenue, Edmonton, Alberta T6C 0X3 (CA).

(74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21221** (13) A2

(21) PCT/CA97/00863

(22) 14 Nov/nov 1997 (14.11.1997)

(25) en (26) en

(31) 60/030,794 (32) 14 Nov/nov 1996 (14.11.1996) (33) US

(31) 08/751,510 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07H 15/00

(54) 1-THIOGALACTOSE DERIVATIVES
DERIVES DE 1-THIO-GALACTOSE

- (71) **SYNSORB BIOTECH, INC.** [CA/CA]; 201, 1204 Kensington Road, N.W., Calgary, Alberta T2N 3P5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HINDSGAUL, Ole** [CA/CA]; 9330 81 Avenue, Edmonton, Alberta T6C 0X3 (CA).
- (74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21222** (13) A2
- (21) PCT/CA97/00864
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 60/030,794 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
- (31) 08/751,510 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C07H 15/00
- (54) 1-GALACTOSE DERIVATIVES DERIVES DE 1-GALACTOSE
- (71) **SYNSORB BIOTECH, INC.** [CA/CA]; 1204 Kensington Road, N.W. # 201, Calgary, Alberta T2N 3P5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HINDSGAUL, Ole** [CA/CA]; 9330 81 Avenue, Edmonton, Alberta T6C 0X3 (CA).
- (74) **DEETH WILLIAMS WALL**; National Bank Building, Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21223** (13) A1
- (21) PCT/SE97/01903
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) en (26) en
- (31) 9604165-2 (32) **12 Nov/nov 1996 (12.11.1996)** (33) SE
- (31) 9604154-6 (32) **12 Nov/nov 1996 (12.11.1996)** (33) SE
- (31) 08/798,218 (32) **10 Feb/fév 1997 (10.02.1997)** (33) US
- (31) 9702957-3 (32) **15 Aug/Août 1997 (15.08.1997)** (33) SE
- (31) 08/912,927 (32) **15 Aug/Août 1997 (15.08.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C07H 19/06, 19/067, 19/16, 19/167, C07D 473/18, 473/32, 473/34, A61K 31/52, 31/70
- (54) NUCLEOSIDES NUCLEOSIDES
- (63) US 08/912,927 (CIP)
Not furnished / non communiqué
- (71) **MEDIVIR AB** [SE/SE]; Lunastigen 7, S-141 44 Huddinge (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHOU, Xiao-Xiong** [SE/SE]; Kallkärrsvägen 12, S-141 41 Huddinge (SE). **JOHANSSON, Nils-Gunnar** [SE/SE]; Bäverstigen 19, S-150 23 Enhörna (SE).
- (74) **MORRISON, Iain**; Medivir AB, Lunastigen 7, S-141 44 Huddinge (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK 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 98/21224** (13) A1
- (21) PCT/US97/21067
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 08/749,543 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C07H 21/00, C12N 15/12, A61K 38/00, C07K 14/705
- (54) THE CLONING OF DUFFY BLOOD GROUP ANTIGEN CLONAGE D'UN ANTIGENE DU SYSTEME DUFFY
- (71) **THE NEW YORK BLOOD CENTER, INC.** [US/US]; 310 East 67th Street, New York, NY 10021 (US).
- (72) **POGO, Oscar, A.**; 237 Nyac Avenue, Pelham Heights, NY 10803 (US). **CHAUDHURI, Asok**; 204 Eighth Street, Hicksville, NY 11801 (US).
- (74) **BARON, Ronald, J.** et al. / etc.; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).
- (81) AU CA CN IL JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21225** (13) A1
- (21) PCT/US97/21353
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 08/749,051 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
- (31) 08/831,309 (32) **1 Apr/avr 1997 (01.04.1997)** (33) US
- (31) 08/834,705 (32) **1 Apr/avr 1997 (01.04.1997)** (33) US
- (31) 08/833,457 (32) **1 Apr/avr 1997 (01.04.1997)** (33) US
- (31) 08/881,227 (32) **24 Jun/juin 1997 (24.06.1997)** (33) US
- (31) 08/902,615 (32) **29 Jul/juil 1997 (29.07.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C07H 21/02, C07K 1/00, A61K 39/02, A01N 37/18
- (54) **HELICOBACTER** POLYPEPTIDES AND CORRESPONDING POLYNUCLEOTIDE MOLECULES POLYPEPTIDES *HELICOBACTER* ET MOLECULES DE POLYNUCLEOTIDES CORRESPONDANTES
- (71) **MERIEUX ORAVAX SOCIETE EN NOM COLLECTIF PASTEUR MERIEUX SERUMS ET VACCINS S.A.** [FR/FR]; 58, Avenue Leclerc, F-69007 Lyon (FR). **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. BERLIN** [DE/DE]; D-80539 München (DE). **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).
- (72) **HAAS, Rainer**; Ursrainer Ring 65, D-72076 Tuebingen (DE). **KLEANTHOS, Harold**; 89 Madison Avenue, Newtonville, MA 02160 (US). **TOMB, Jean-Francois**; 3501 St. Paul Street, Baltimore, MD 21202 (US). **MILLER, Charles**; 32 Maple Avenue, Medford, MA 02155 (US). **AL-GARAWI, Amal**; 32 Garrison Street #4501, Boston, MA 02116 (US). **ODENBREIT, Stefan**; Mazartstrasse 8, D-72119 Ammerbuch (DE). **MEYER, Thomas**; Spemannstrasse 30, D-72076 Tuebingen (DE).
- (74) **CLARK, Paul, T.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).
-
- Published / Publiée : (c)
-
- (11) **WO 98/21226** (13) A1
- (21) PCT/JP97/04128
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) ja (26) ja
- (31) 8/301430 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C07H 21/04, A61K 31/70, 48/00, C07F 9/40, C12N 15/00
- (54) H-PHOSPHONATE OLIGONUCLEOTIDE DERIVATIVE AND PROCESS FOR PRODUCING THE DERIVATIVE DERIVE OLIGONUCLEOTIDIQUE H-PHOSPHONATE ET PROCEDE DE PRODUCTION ASSOCIE
- (71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEKINE, Mitsuo** [JP/JP]; #303, 2-41-21, Fujigaoka, Aoba-ku, Yokohama-shi, Kanagawa 227 (JP). **WADA, Takeshi** [JP/JP]; #402, 2-41-21, Fujigaoka, Aoba-ku, Yokohama-shi, Kanagawa 227 (JP).
- (74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300 (JP).

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

(11) **WO 98/21227** (13) A1
(21) PCT/US97/20227
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/748,591 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07H 21/04, 21/02, C07K 1/00, 16/00, C12N 1/14, 1/20, 5/00, 5/08, 15/00, C12P 21/06, C12Q 1/68
(54) MUTANT HUMAN HEDGEHOG GENE
GENE HUMAIN MUTANT DE TYPE HERRISSON
(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).

(72) **EPSTEIN, Ervin**; 533A Miner Road, Orinda, CA 94563 (US). **HU, Zhilan**; 742 Judah Street, San Francisco, CA 94110 (US). **BONIFAS, Jeanette**; 252 Andover Street, San Francisco, CA 94110 (US).
(74) **SHERWOOD, Pamela, J.**; Bozicevic & Reed LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/21228** (13) A1
(21) PCT/US97/21821
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 08/751,517 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(31) 08/801,092 (32) **14 Feb/fév 1997 (14.02.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07H 21/04, C07K 5/00, A61K 38/00, 35/12
(54) TISSUE SPECIFIC EXPRESSION OF RETINOBLASTOMA PROTEIN
EXPRESSION SPECIFIQUE TISSULAIRE DE LA PROTEINE DU RETINOBLASTOME
(71) **CANJI, INC.** [US/US]; 3030 Science Park Road, San Diego, CA 92121 (US).

(72) **ANTELMAN, Douglas**; 1716 Swallowtail Road, Encinitas, CA 92024 (US). **GREGORY, Richard, J.**; 2 Wintergreen Lane, Westford, MA 01886 (US). **WILLS, Kenneth, N.**; 821 Bluffcrest Lane, Encinitas, CA 92024 (US).

(74) **FITTS, Renee, A.** 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 HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/21229** (13) A1
(21) PCT/EP97/06322
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 96402441.8 (32) **14 Nov/nov 1996 (14.11.1996)** (33) EP
(34) FR et al. / etc.
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 7/23, A61K 38/09
(54) CONFORMATIONALLY CONSTRAINED LH-RH ANALOGUES, THEIR USES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
ANALOGUES DE LH-RH CONTRAINTS SUR LE PLAN DE LEUR CONFORMATION, LEURS UTILISATIONS ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT

(71) **LABORATOIRE THERAMEX** [MC/MC]; 6, avenue Prince Héréditaire Albert, MC-98000 Monaco (MC).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELANSORNE, Rémi** [FR/FR]; 7ter, avenue Edith Cavell, F-06000 Nice (FR). **PARIS, Jacques** [FR/FR]; Bâtiment E1, 31, avenue Cap de Croix, F-06100 Nice (FR).

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

Published / Publiée : (c)

(11) **WO 98/21230** (13) A1
(21) PCT/US97/18967
(22) **12 Oct/oct 1997 (12.10.1997)**
(25) en (26) en
(31) 08/747,915 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 7/54, C12N 9/72
(54) CYCLIC PEPTIDES THAT BIND TO UROKINASE-TYPE PLASMINOGEN ACTIVATOR RECEPTOR
PEPTIDES CYCLIQUES SE FIXANT A UN RECEPTEUR DE L'ACTIVATEUR DE PLASMINOGENE DE TYPE UROKINASE

(63) US 08/747,915 (CON)
12 Nov/nov 1996 (12.11.1996)

(71) **ANGSTROM PHARMACEUTICALS, INC.** [US/US]; 11772 Sorento Valley Road, No. 101, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONES, Terence, R.** [GB/US]; 1962 Missouri Street, San Diego, CA 92109 (US). **HANEY, David, N.** [US/US]; 4212 93rd Avenue S.E., Mercer Island, WA 98040 (US). **VARGA, Janos** [US/US]; 5 Laurel Lane, Napa, CA 94558 (US).

(74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue N.W., Washington, D.C. 20006-1888 (US).

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

Published / Publiée : (c)

(11) **WO 98/21231** (13) A2
(21) PCT/CA97/00867
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 60/031,117 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 14/00
(54) *STREPTOCOCCUS UBERIS* LACTOFERRIN-BINDING PROTEIN
PROTEINE DE FIXATION DE LA LACTOFERRINE ISSUE DE *STREPTOCOCCUS UBERIS*

(71) **UNIVERSITY OF SASKATCHEWAN** [CA/CA]; Veterinary Infectious Disease Organization, 124 Veterinary Road, Saskatoon, Saskatchewan S7N 5E3 (CA).

(72) **JIANG, Min**; 4820 Clairemont Mesa Boulevard #1, San Diego, CA 92117 (US). **POTTER, Andrew, A.**; 521 Dalhousie Crescent, Saskatoon, Saskatchewan S7H 3S5 (CA). **MACLACHLAN, Philip, Ronald**; 309C-207 Tait Place, Saskatoon, Saskatchewan S7H 5L8 (CA).

(74) **ERRATT, Judy, A.** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/21232** (13) A2
(21) PCT/US97/20864
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 60/030,871 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(31) 60/039,972 (32) **10 Feb/fév 1997 (10.02.1997)** (33) US
(31) 08/968,686 (32) **12 Nov/nov 1997 (12.11.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07K 14/00

(54) MUTANT FORMS OF FAS LIGAND AND USES THEREOF
FORMES MUTANTES DU LIGAND DU FAS ET LEURS UTILISATIONS

- (71) **CHIRON CORPORATION** [US/US]; P.O. Box 8097, Emeryville, CA 94662-8097 (US).
- (72) **CHU, Keting**; 2017 Easton Drive, Burlingame, CA 94010 (US).
- (74) **POCHOPIEN, Donald, J.**; McAndrews, Held & Malloy, Ltd., Suite 3400, 500 West Madison, Chicago, IL 60661 (US).
- (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 98/21233** (13) A2
(21) PCT/US97/20236
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/747,488 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(31) 08/950,064 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 14/045, A61K 39/00, G01N 33/569
- (54) IMMUNO-REACTIVE PEPTIDE CTL EPITOPES OF HUMAN CYTOMEGALOVIRUS EPITOPES DE LYMPHOCYTES T CYTOTOXIQUES A PEPTIDE IMMUNOREACTIF DE CYTOMEGALOVIRUS HUMAINS
- (71) **CITY OF HOPE** [US/US]; 1500 East Duarte Road, Duarte, CA 91010-0269 (US).
- (72) **DIAMOND, Don, Jeffrey**; 415 N. Elwood Avenue, Glendora, CA 91741 (US). **YORK, Joanne**; 40587 174th Street East, Lancaster, CA 93535 (US).
- (74) **NEWLAND, Bart, G.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, 555 13th Street N.W., Columbia Square, Washington, DC 20004 (US).
- (81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21234** (13) A2
(21) PCT/US97/21068
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 60/030,838 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(31) 60/047,855 (32) **29 May/mai 1997 (29.05.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 14/405, 14/48, 1/20
- (54) PURIFICATION OF NEUROTROPHINS
PURIFICATION DE NEUROTROPHINES
- (71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (72) **BURTON, Louis, E.**; 20 French Creek Place, San Mateo, CA 94402 (US). **SCHMELZER, Charles, H.**; 1316 Mills Avenue, Burlingame, CA 94010 (US). **BECK, Joanne, T.**; 3045 Grand Oaks Drive, Westlake Village, CA 91361 (US).
- (74) **TORCHIA, Timothy, E.** et al. / etc.; Genentech, Inc., 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21235** (13) A1
(21) PCT/US97/21063
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,526 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 14/445, A61K 39/015
- (54) MALARIAL BINDING SITE ON DUFFY BLOOD GROUP PROTEIN SITE DE LIAISON PALUDEENNE SITUE SUR UNE PROTEINE DU SYSTEME DUFFY
- (71) **THE NEW YORK BLOOD CENTER, INC.** [US/US]; 310 East 67th Street, New York, NY 10021 (US).
- (72) **POGO, Oscar, A.**; 237 Nyac Avenue, Pelham Heights, NY 10803 (US). **CHAUDHURI, Asok**; 204 Eighth Street, Hicksville, NY 11801 (US).
- (74) **BARON, Ronald** et al. / etc.; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).
- (81) AU CA CN IL JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21236** (13) A1
(21) PCT/US96/17856
(22) **8 Nov/nov 1996 (08.11.1996)**
(25) en (26) en
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 14/475, C07P 21/06, C12N 5/00, 15/00, A01N 37/18, C07H 17/00
- (54) CONNECTIVE TISSUE GROWTH FACTOR-3 FACTEUR DE CROISSANCE 3 DU TISSU CONJONCTIF
- (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) **EBNER, Reinhard** [DE/US]; 9906 Shelbourne Terrace #316, Gaithersburg, MD 20878 (US). **CHOPRA, Arvind** [CA/US]; 18 Ramsdell Court, Gaithersburg, MD 20878 (US). **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US).
- (74) **GOLDSTEIN, Jorge, A.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, Washington, DC 20005-3934 (US).
- (81) AM AU BG BR BY CA CN CZ EE FI GE HU IL JP KG KP KR KZ LT LV MD MN MX NO NZ PL RO RU SG SI SK TJ TM TR UA 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 98/21237** (13) A2
(21) PCT/US97/21070
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/747,599 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 14/50, A61K 38/18
- (54) PEPTIDE COMPOUNDS USEFUL FOR MODULATING FGF RECEPTOR ACTIVITY COMPOSES DE PEPTIDES UTILES POUR MODULER L'ACTIVITE DU RECEPTEUR FGF
- (63) US 08/747,599 (CIP)
12 Nov/nov 1996 (12.11.1996)
- (71) **PRAECIS PHARMACEUTICALS INCORPORATED** [US/US]; One Hampshire Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BENJAMIN, Howard** [US/US]; 410 Marrett Road, Lexington, MA 02173 (US). **CHAL, Ling** [CN/US]; 24 Fairland Street, Lexington, MA 02173 (US). **FINDEIS, Mark, A.** [US/US]; Apartment 3A, 45 Trowbridge Street, Cambridge, MA 02138 (US). **GOODWIN, William** [US/US]; 35 Albion Street, Melrose, MA 02176 (US). **HUNDAL, Arvind** [GB/US]; 1875 Commonwealth Avenue #7, Brighton, MA 02135 (US). **ISRAEL, David, I.** [US/US]; 117 Anson Road, Concord, MA 01742 (US). **KELLEY, Michael** [US/US]; 15 Florence Avenue, Arlington, MA 02174 (US). **KEOUGH, Martin, P.** [US/US]; 8 East Battery Street, Abington, MA 02351 (US). **LU, Kuang-hui** [CN/US]; Apartment 23, 101 Western Avenue, Cambridge, MA 02139 (US). **NATOLI, Farah** [IR/US]; Apartment 6, 73 Presidential Drive, Quincy, MA 02169 (US). **PETICOLAS, Alicia** [US/US]; 79 Edward Road, Watertown, MA 02172 (US). **SIGNER, Ethan, R.** [US/US]; 20 Forest Street, Cambridge, MA 02140 (US). **GEFTER, Malcolm, L.** [US/US]; 46 Baker Bridge Road, Lincoln, MA 01773 (US).
- (74) **KARA, Catherine, 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 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 98/21238** (13) A1
(21) PCT/JP97/04113
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) ja (26) ja
(31) 8/300041 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C07K 14/59, C12N 15/16, A61K 38/24 // C12N 5/10, C12P 21/02, (C12N 5/10, C12R 1:91) (C12P 21/02, C12R 1:91)
- (54) RECOMBINANT SINGLE-STRANDED EQUINE CHORIONIC GONADOTROPIN GONADOTROPHINE CHORIONIQUE EQUINE, MONOCATENNAIRE ET RECOMBINÉE
- (71) **TEIKOKU HORMONE MFG. CO., LTD.** [JP/JP]; 5-1, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIOTA, Kunio** [JP/JP]; 5-6-102, Minamiyama 1-chome, Shiroy-machi, Inba-gun, Chiba 270-14 (JP). **OGAWA, Tomoya** [JP/JP]; 3-101, 6-6, Kichijojikita-machi 3-chome, Musashino-shi, Tokyo 180 (JP). **MIN, Kwan-Sik** [KR/US]; 705 Carriage Hill Street #2, Iowa City, IA 52246 (US).

(74) **TSUKUNI, Hajime**; SVAX TS Building, 22-12, Toranomom 1-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/21239** (13) A2

(21) PCT/US97/20532

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/748,229 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/749,431 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 08/760,246 (32) **4 Dec/déc 1996 (04.12.1996)** (33) US

(31) 08/782,047 (32) **10 Jan/jan 1997 (10.01.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07K 14/705

(54) THERAPEUTIC COMPOSITIONS AND METHODS AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1 COMPOSITIONS ET PROCÉDES THERAPEUTIQUES ET DOSAGES DIAGNOSTIQUES PERMETTANT DE TRAITER DES DIABÈTES DE TYPE II IMPLIQUANT HNF-1

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 640 Memorial Drive, Cambridge, MA 02139-4815 (US).

(72) **GLUCKSMANN, Alexandra, M.**; 228 Powder House Boulevard, Somerville, MA 02144 (US).

(74) **ARNOLD, Beth, E.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (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 98/21240** (13) A1

(21) PCT/US97/20602

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/030,527 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/747,853 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07K 14/705, C12N 15/62, 15/10

(54) RECOMBINANT BY55 AND NUCLEIC ACIDS ENCODING SAME PROTEINE BY55 RECOMBINÉE ET ACIDES NUCLEIQUES LA CODANT

(71) **DANA-FARBER CANCER INSTITUTE** [US/US]; 44 Binney Street, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREEMAN, Gordan, J.** [US/US]; 305 Walnut Street, Brookline, MA 02146 (US). **ANUMANTHAN, Anukanth** [US/US]; 21 Walden Square Road, Cambridge, MA 02140 (US).

(74) **EISENSTEIN, Ronald, I.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109-4280 (US).

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

Published / Publiée : (c)

(11) **WO 98/21241** (13) A1

(21) PCT/US97/20860

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/749,289 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07K 14/705, C12N 15/12

(54) HUMAN GLUTAMATE-BINDING PROTEIN PROTEINE HUMAINE FIXANT LE GLUTAMATE

(63) US 08/749,289 (CIP)
14 Nov/nov 1996 (14.11.1996)

(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). **COLEMAN, Roger** [US/US]; 260 Mariposa #2, Mountain View, CA 94041 (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 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 98/21242** (13) A1

(21) PCT/US97/21330

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,934 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07K 14/72 // 14/585

(54) CALCITONIN RECEPTOR RECEPTEUR DE LA CALCITONINE

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).

(72) **SOPPET, Daniel, R.**; 15050 Stillfield Place, Centreville, VA 22020 (US). **LI, Yi**; 16125 Howard Landing Drive, Gaithersburg, MD 20878 (US). **RUBEN, Steven, M.**; 18528 Heritage Hills Drive, Olney, MD 20832 (US).

(74) **STEFFE, Eric, K.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

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

Published / Publiée : (c), (m); 23 Dec/déc 1997 (23.12.1997)

(11) **WO 98/21243** (13) A1

(21) PCT/AU97/00771

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) PO 3632 (32) **14 Nov/nov 1996 (14.11.1996)** (33) AU

(31) PO 8539 (32) **14 Aug/Août 1997 (14.08.1997)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07K 14/765, 16/06, 14/77, C08B 37/02, C12Q 1/70, C08G 69/48, C08F 8/32, G01N 33/569, A61K 38/38, 31/785, 31/73

(54) METHOD AND NOVEL COMPOUNDS FOR USE THEREIN METHODE ET NOUVEAUX COMPOSES A UTILISER AVEC LADITE METHODE

(71) **BIOTA SCIENTIFIC MANAGEMENT PTY. LTD.** [AU/AU]; Level 4, 616 St Kilda Road, Melbourne, VIC 3004 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REECE, Phillip, A.** [AU/AU]; 160 Winmalee Road, Balywn, VIC 3101 (AU). **WATSON, Keith, Geoffrey** [AU/AU]; 23 Erasmus Street, Surrey Hills, VIC 3127 (AU). **WU, Wen-Yang** [AU/AU]; 34 Munro Avenue, Mount Waverley, VIC 3149 (AU). **JIN, Betty** [AU/AU]; 34 Munro Avenue, Mount Waverley, VIC 3149 (AU). **KRIPPNER, Guy, Y.** [AU/AU]; 58 Cypress Avenue, Glen Waverley, VIC 3150 (AU).

(74) **SANTER, Vivien**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21244** (13) A1

(21) PCT/US97/20878

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,791 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07K 14/81, A01N 65/00

(54) PENTACLETHRA MACROLOBA DERIVED SUBSTANCES HAVING INSECTICIDE, AGGLUTINATION AND AMINOPEPTIDASE INHIBITION ACTIVITY SUBSTANCES EXTRAITES DE LA PENTACLETHRA MACROLOBA A POUVOIR INSECTICIDE, D'AGGLUTINATION, ET D'INHIBITION DE L'AMINOPEPTIDASE

(71, 72) **SCHUBERT, Karel, Ralph** [US/US]; 4408 Brookfield Drive, Norman, OK 73072 (US).

(72) **RATHBURN, Harold, B.**; 1361 Rose Road, Stephenville, TX 76401 (US). **REIMANN-PHILIPP, Ulrich**; 1904 Westbrooke Terrace, Norman, OK 73072 (US). **CZAPLA, Thomas, H.**; 4624 70th Place, Urbandale, IA 50322 (US).

(74) **SCHUBERT, Karel, Ralph**; 4408 Brookfield Drive, Norman, OK 73072 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21245** (13) A1

(21) PCT/EP97/05956

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 96117941.3 (32) **8 Nov/nov 1996 (08.11.1996)** (33) EP

(34) DE et al. / etc.

(31) 97100665.5 (32) **17 Jan/jan 1997 (17.01.1997)** (33) EP

(34) DE et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C07K 16/22, C12N 5/20, C12P 21/08, G01N 33/577, 33/68

(54) HIGHLY AFFINE ANTIBODY AGAINST HUMAN BDNF, METHOD FOR THE PRODUCTION AND USE THEREOF
ANTICORPS A HAUTE AFFINITE DIRIGES CONTRE LE BDNF HUMAIN, PROCÉDES PERMETTANT SA PRODUCTION, ET SON UTILISATION

(71) **BOEHRINGER MANNHEIM GMBH** [DE/DE]; Sandhofer Strasse 116, D-68305 Mannheim (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARTKE, Ilse** [DE/DE]; Eichenstrasse 25A, D-82347 Bernried (DE). **EBERLE, Walter** [DE/DE]; Waxensteinstrasse 42, D-82347 Bernried (DE). **KOLBECK, Roland** [DE/DE]; Wiesentferstrasse 48, D-81249 München (DE). **BARDE, Yves-Alain** [CH/DE]; Merowingerstrasse 39, D-82166 Gräfelfing (DE).

(74) **BOEHRINGER MANNHEIM GMBH**; Werk Penzberg, Patentabteilung (RE-TB), Postfach 11 52, D-82372 Penzberg (DE).

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

Published / Publiée : (c)

(11) **WO 98/21246** (13) A1

(21) PCT/EP97/06089

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) de (26) de

(31) 196 46 213.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08B 1/00, 1/02, 1/06, 1/08

(54) METHOD FOR PRODUCING CELLULOSE DERIVATIVES
PROCÉDE DE PRODUCTION DE DERIVES DE CELLULOSE

(71) **RHONE-POULENC RHODIA AKTIENGESELLSCHAFT** [DE/DE]; Engesserstrasse 8, D-79108 Freiburg (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KARSTENS, Ties** [DE/DE]; Schwimmbadstrasse 23, D-79268 Bötzingen (DE). **STEIN, Armin** [DE/DE]; Klostermattenstrasse 6a, D-79341 Kenzingen (DE).

(74) **HAGEMANN, Heinrich** et al. / etc.; Hagemann, Braun & Held, Postfach 86 03 29, D-81630 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21247** (13) A1

(21) PCT/EP97/06318

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 46 901.5 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08B 37/10, 37/08, A61K 31/725

(54) PROCESS FOR PREPARING BREAKDOWN PRODUCTS OF POLYMER GLYCOSAMINOGLYCANS BY MEANS OF ULTRASOUND
PROCÉDE POUR PRODUIRE DES PRODUITS DE DEGRADATION DE GLYCOSAMINOGLYCANES POLYMERES A L'AIDE D'ULTRASONS

(71, 72) **PORTENLÄNGER, Günther** [DE/DE]; Ludwigstrasse 25, D-85622 Feldkirchen (DE). **HEUSINGER, Helmut** [DE/DE]; Ilmstrasse 8, D-85293 Steinkirchen (DE). **HAAS, Sylvia** [DE/DE]; Normannenstrasse 34a, D-81925 München (DE). **STEMBERGER, Axel** [DE/DE]; Cramer-Klett-Strasse 35e, D-85579 München (DE). **GRUHN, Bernhard** [DE/DE]; Mauermayrstrasse 45, D-85354 Freising (DE).

(74) **BEEZ & PARTNER**; Steinsdorfstrasse 10, D-80538 München (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 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 98/21248** (13) A2

(21) PCT/KR97/00148

(22) **4 Aug/Août 1997 (04.08.1997)**

(25) en (26) en

(31) 1996/32497 (32) **3 Aug/Août 1996 (03.08.1996)** (33) KR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08F

(54) PROCESS FOR THE PREPARATION OF OLEFINIC POLYMERS USING SUPPORTED METALLOCENE CATALYST
PROCÉDE DE PREPARATION DE POLYMERES OLEFINIQUES FAISANT APPEL A UN CATALYSEUR DU TYPE METALLOCENE, SUR UN SUPPORT

(71) **LG CHEMICAL LTD.** [KR/KR]; 20, Yoido-dong, Yongsongpo-gu, Seoul 150-721 (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OH, Jae, Seung** [KR/KR]; LG Apt., 6-402, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **PARK, Tai, Ho** [KR/KR]; LG Apt., 7-506, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR). **LEE, Bun, Yeoul** [KR/KR]; LG Apt., 8-205, Doryong-dong, Yuseong-gu, Daejeon 305-340 (KR).

(74) **JANG, Seong, Ku** et al. / etc.; 275, Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).

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

(11) **WO 98/21249** (13) A1

(21) PCT/EP97/05796

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) de (26) de

(31) 196 46 066.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08F 4/48

(54) INITIATOR SYSTEMS FOR ANIONIC POLYMERIZATION OF VINYL MONOMERS WITH POLAR GROUPS
SYSTEMES INITIATEURS POUR LA POLYMERISATION ANIONIQUE DE MONOMERES VINyliques A GROUPEs POLAIRES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JÜNGLING, Stephan** [DE/DE]; Augartenstrasse 7, D-68165 Mannheim (DE). **GAUSEPOHL, Hermann** [DE/DE]; Medardusring 74, D-67112 Mutterstadt (DE). **WEISS, Horst** [DE/DE]; Kolberger Strasse 33b, D-76139 Karlsruhe (DE). **BAUMGÄRTEL, Michael** [DE/DE]; Hans-Holbein-Strasse 5c, D-67227 Frankenthal (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(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 98/21250** (13) A1

(21) PCT/US97/20265

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/745,445 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08F 126/02, 120/36

(54) MULTIFUNCTIONAL POLYACRYLATE-POLYURETHANE OLIGOMER, METHOD AND CURED POLYMERS AND PRODUCTS
OLIGOMERE MULTIFONCTIONNEL DE POLYACRYLATE ET DE POLYURETHANE, PROCÉDE DE PREPARATION ET PRODUITS ET POLYMERES TRAITES CORRESPONDANTS

(71) **HEHR INTERNATIONAL INC.** [US/US]; 3333 Casitas Avenue, Los Angeles, CA 90039 (US).

(72) **SMITH, Stuart, B.**; 2069 Christian Circle, Conyers, GA 30208 (US).

(74) **CROWLEY, Richard, P.**; 901 Main Street, P.O. Box 901, Osterville, MA 02655-0901 (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 98/21251** (13) A1

(21) PCT/US97/18634

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 08/749,740 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08F 210/00

(54) SILANE-GRAFTED MATERIALS FOR SOLID AND FOAM APPLICATIONS
MATERIAUX GREFFES AU SILANE POUR UTILISES POUR DES PRODUITS SOLIDES ET DES MOUSSES

(71) **SENTINEL PRODUCTS CORP.** [US/US]; 70 Airport Road, Hyannis, MA 02601 (US).

(72) **BAMBARA, John, D.**; 206 Starboard Lane, Osterville, MA 02655 (US). **KOZMA, Matthew, L.**; 155 Wintergreen Circle, Osterville, MA 02655 (US). **HURLEY, Robert, F.**; 19 Warwick Way, Centerville, MA 02632 (US).

(74) **FREEMAN, John, W.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21252** (13) A1

(21) PCT/US97/20768

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/749,740 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 08/872,736 (32) **11 Jun/juin 1997 (11.06.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08F 210/00, C08G 63/91

(54) OPEN CELL FOAMED ARTICLES INCLUDING SILANE-GRAFTED POLYOLEFIN RESINS
ARTICLES EN MOUSSE A CELLULES OUVERTES COMPORTANT DES RESINES DE POLYOLEFINE A GREFFE SILANE

(71) **SENTINEL PRODUCTS CORPORATION** [US/US]; 70 Airport Road, Hyannis, MA 02601 (US).

(72) **KOZMA, Matthew, L.**; 155 Wintergreen Circle, Osterville, MA 02655 (US). **BAMBARA, John, D.**; 206 Starboard Lane, Osterville, MA 02655 (US). **HURLEY, Robert, F.**; 19 Warwick Way, Centerville, MA 02632 (US).

(74) **FREEMAN, John, W.**; Fish & Richardson P.C., 225 Franklin 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21253** (13) A1

(21) PCT/EP97/05806

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) de (26) de

(31) 196 46 965.1 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08F 246/00, 220/34, C07C 217/08, 219/08, A01N 33/12

(54) POLYMERS WITH ANTI-MICROBIAL PROPERTIES
POLYMERES A PROPRIETES ANTIMICROBIENNES

(71) **RÖHM GMBH** [DE/DE]; Kirschenallee, D-64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71) **HILL, Hella** (heirress of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Schlesiensstrasse 23, D-40822 Mettmann (DE).
(only for / seulement pour US)

(72) **HILL, Frank** (deceased / décédé).

(72, 75) **KLESSE, Wolfgang** [DE/DE]; Tucholskyweg 26, D-55127 Mainz (DE). **PFIRMANN, Martina** [DE/DE]; Schülerstrasse 18, D-64347 Griesheim (DE).

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

Published / Publiée : (c)

(11) **WO 98/21254** (13) A1

(21) PCT/EP97/05507

(22) **7 Oct/oct 1997 (07.10.1997)**

(25) en (26) en

(31) 96203133.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) EP

(34) GB et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08G 18/22

(54) PROCESS FOR PREPARING RIGID AND FLEXIBLE POLYURETHANE FOAMS
PROCEDE DE PREPARATION DE MOUSSES RIGIDES OU SOUPLES DE POLYURETHANE

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).

(72) **ELING, Berend**; Streeklaan 24, B-3060 Bertem (BE).

(74) **BAKEN, Philippus, Johannes, Leonardus, Henricus** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Intellectual Property Dept., Everslaan 45, B-3078 Everberg (BE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21255** (13) A1

(21) PCT/EP97/06054

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 46 424.2 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08G 18/36, 18/64, C09D 175/04

(54) USE OF POLYOLS FOR ISOCYANATE CASTING RESINS AND COATING COMPOUNDS
UTILISATION DE POLYOLS POUR RESINES COULABLES ET MATIERES DE REVETEMENT A BASE D'ISOCYANATE

(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) **HEIDBREDER, Andreas** [DE/DE]; Urdenbacher Dorfstrasse 9, D-40593 Düsseldorf (DE). **GRÜTZMACHER, Roland** [DE/DE]; Zur Krakau 12, D-42489 Wülfrath (DE). **NAGORNY, Ulrich** [DE/DE]; Heinrich-Lersch-Strasse 37, D-40721 Hilden (DE). **WESTFECHTEL, Alfred** [DE/DE]; Menzelweg 74, D-40724 Hilden (DE).

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

(11) **WO 98/21256** (13) A1

(21) PCT/EP97/05816

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/749,170 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08G 18/48, 18/40, 18/76 // (C08G 18/48, 101:00)

(54) ENERGY ABSORBING POLYURETHANE FOAMS
MOUSSES DE POLYURETHANE ABSORBANT L'ENERGIE

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).

(72) **FOGG, Brian**; 1273 Tiverton Trail, Rochester Hills, MI 48306 (US). **LOCKWOOD, Robert, John**; 47900 Freedom Valley Drive, Macomb, MI 48044 (US).

(74) **BAKEN, Philippus, Johannes, Leonardus, Henricus** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Intellectual Property Dept., Everslaan 45, B-3078 Everberg (BE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21257** (13) A1
(21) PCT/FR97/01979
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) fr (26) fr
(31) 96/13638 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR
(31) 97/05350 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08G 18/61, 18/62
(54) CROSS-LINKABLE COMPOSITIONS CONTAINING FUNCTIONALIZED SILICON FLUIDS AND USE OF THESE COMPOSITIONS FOR PREPARING POLYURETHANE FILMS
COMPOSITIONS RETICULABLES CONTENANT DES HUILES SILICONES FONCTIONNALISEES ET UTILISATION DE CES COMPOSITIONS POUR PREPARER DES FILMS POLYURETHANNES
(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F-92408 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BRANLARD, Paul** [FR/FR]; 27, rue Soeur Servier, F-69005 Lyon (FR). **GUENNOU, Nathalie** [FR/FR]; 1, rue Gabriel Péri, F-69200 Venissieux (FR). **KARRER, Philippe** [FR/FR]; 19, rue Henri Dunat, F-68200 Mulhouse-Bourzwiller (FR). **MIGNANI, Gérard** [FR/FR]; 2, avenue des Frères Lumière, F-69008 Lyon (FR).
(74) **FABRE, Madeleine-France**; Rhodia Services, Direction de la Propriété Industrielle, CRIT-Carières, Boîte postale 62, F-69192 Saint-Fons Cedex (FR).
(81) AL AU BA BB BG BR CA CN CU CZ EE 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 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 98/21258** (13) A1
(21) PCT/EP97/05504
(22) **7 Oct/oct 1997 (07.10.1997)**
(25) en (26) en
(31) 96203136.5 (32) **8 Nov/nov 1996 (08.11.1996)** (33) EP
(34) GB et al. / etc.
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08G 18/66, B29C 44/56
(54) PROCESS FOR MAKING FLEXIBLE POLYURETHANE FOAMS
PROCEDE DE FABRICATION DE MOUSSES SOUPLES DE POLYURETHANE
(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).
(72) **LEENSLAG, Jan, Willem**; Rechtstraat 10, B-3120 Tremelo (BE).
(74) **BAKEN, Philippus, Johannes, Leonardus, Henricus** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Everslaan 45, B-3078 Everberg (BE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21259** (13) A1
(21) PCT/EP97/05505
(22) **7 Oct/oct 1997 (07.10.1997)**
(25) en (26) en
(31) 96203132.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) EP
(34) GB et al. / etc.
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08G 18/66, 18/70, C08J 9/12
(54) PROCESS FOR MAKING RIGID AND FLEXIBLE POLYURETHANE FOAMS
PROCEDE DE FABRICATION DE MOUSSES RIGIDES OU SOUPLES DE POLYURETHANE
(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).
(72) **HUYGENS, Eric**; Propser Poulletlaan 3, B-3001 Heverlee (BE). **LEENSLAG, Jan, Willem**; Rechtstraat 10, B-3120 Tremelo (BE).
(74) **BAKEN, Philippus, Johannes, Leonardus, Henricus** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Intellectual Property Dept., Everslaan 45, B-3078 Everberg (BE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21260** (13) A1
(21) PCT/EP97/05506
(22) **7 Oct/oct 1997 (07.10.1997)**
(25) en (26) en
(31) 96203134.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) EP
(34) GB et al. / etc.
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08G 18/66, B29C 44/56
(54) PROCESS FOR PREPARING RIGID AND FLEXIBLE POLYURETHANE FOAMS
PROCEDE DE PREPARATION DE MOUSSES RIGIDES OU SOUPLES DE POLYURETHANE
(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).
(72) **ELING, Berend**; Streeklaan 24, B-3060 Bertem (BE).
(74) **BAKEN, Philippus, Johannes, Leonardus, Henricus** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Intellectual Property Dept., Everslaan 45, B-3078 Everberg (BE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21261** (13) A1
(21) PCT/EP97/05508
(22) **7 Oct/oct 1997 (07.10.1997)**
(25) en (26) en
(31) 96203135.7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) EP
(34) GB et al. / etc.
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08G 18/66, B29C 44/56
(54) NEW FLEXIBLE POLYURETHANE FOAMS
MOUSSES SOUPLES DE POLYURETHANE
(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1 3JF (GB).
(72) **LEENSLAG, Jan, Willem**; Rechtstraat 10, B-3120 Tremelo (BE).
(74) **BAKEN, Philippus, Johannes, Leonardus, Henricus** et al. / etc.; ICI Europe Ltd., ICI Polyurethanes, Intellectual Property Dept., Everslaan 45, B-3078 Everberg (BE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21262** (13) A1
(21) PCT/EP97/06051
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) de (26) de
(31) 196 46 877.9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08G 61/00, C09K 11/06
(54) ORDERED POLY(ARYLENE VINYLENE) TERPOLYMERS, METHOD FOR THE PRODUCTION AND THE USE THEREOF AS ELECTROLUMINESCENT MATERIALS
TERPOLYMERES DE POLY(ARYLENEVINYLENE) ORDONNES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME MATERIAUX ELECTROLUMINESCENTS
(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) **KREUDER, Willi** [DE/DE]; Sertoriusring 13, D-55126 Mainz (DE). **HÖRHOLD, Hans-Heinrich** [DE/DE]; Sanddornstrasse 2, D-07747 Jena (DE). **ROST, Henning** [DE/DE]; Schlossgasse 11, D-07743 Jena (DE). **HARTMANN, Annett** [DE/DE]; Hans-Berger Strasse 15, D-07747 Jena (DE).
(81) CA CN JP KR MX US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/21263** (13) A1
(21) PCT/F197/00675
(22) **7 Nov/nov 1997 (07.11.1997)**

- (25) en (26) en
- (31) 964525 (32) **11 Nov/nov 1996** (33) FI (11.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C08G 63/08, 63/82
- (54) PROCESS FOR THE PREPARATION OF POLY-HYDROXY ACIDS
PROCEDE POUR PREPARER DES ACIDES POLYHYDROXYLES
- (71) **NESTE OY** [FI/FI]; Keilaniemi, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SÖDERGÅRD, Anders** [FI/FI]; Palometsäntie 9, FIN-20610 Turku (FI). **STOLT, Mikael** [FI/FI]; Yo-kylä 62 A 17, FIN-20540 Turku (FI).
- (74) **NESTE OY**; Patent Services, P.O. Box 310, FIN-06101 Porvoo (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 HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21264** (13) A1
- (21) PCT/GB97/03088
- (22) **11 Nov/nov 1997** (11.11.1997)
- (25) en (26) en
- (31) 9623739.1 (32) **14 Nov/nov 1996** (33) GB (14.11.1996)
- (31) 9713128.8 (32) **20 Jun/juin 1997** (33) GB (20.06.1997)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C08G 63/685, B23K 35/363
- (54) VISCOSITY DEFINED MATERIALS FOR USE IN THE FABRICATION OF ELECTRONIC ASSEMBLIES
MATERIAUX DEFINIS PAR LEUR VISCOSITE ET UTILISES DANS LA FABRICATION D'ENSEMBLES ELECTRONIQUES
- (71) **MULTICORE SOLDERS LIMITED** [GB/GB]; Kelsey House, Wood Lane End, Hemel Hempstead, Hertfordshire HP2 4RQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOTON, Neil** [GB/GB]; 30 Tegid, Plasmadoc, Nr Wrexham, Clywd LL14 3LG (GB). **ALLSOPP, Nigel, Richard** [GB/GB]; 96 Cuffley Court, Woodhall Farm, Hemel Hempstead, Hertfordshire HP2 7LT (GB). **POOLE, Neil** [GB/US]; 8503 Lanners Drive, McKinney, TX 75070 (US).
- (74) **SILVERMAN, Warren**; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21265** (13) A1
- (21) PCT/US96/18285
- (22) **12 Nov/nov 1996** (12.11.1996)
- (25) en (26) en
- (31) 196 46 969.4 (32) **14 Nov/nov 1996** (33) DE (14.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C08J 3/00
- (54) METHOD FOR PRODUCING A THERMOPLASTIC ELASTOMER MATERIAL
PROCEDE POUR PRODUIRE UN MATERIAU ELASTOMERE THERMOPLASTIQUE
- (71) **PHOENIX AKTIENGESELLSCHAFT** [DE/DE]; Hannoversche Strasse 88, D-21079 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRÄBNER, Friedrich, Wilhelm** [DE/DE]; Jahnstrasse 8, D-21435 Stelle (DE). **MAR-KIEWICZ, Udo** [DE/DE]; Kasernenstrasse 33, D-21073 Hamburg (DE). **VORTKORT, Jörg** [DE/DE]; Wulfsener Strasse 17, D-21442 Toppenstedt (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21268** (13) A1
- (21) PCT/US97/20478
- (22) **12 Nov/nov 1997** (12.11.1997)
- (25) en (26) en
- (31) 60/030,904 (32) **14 Nov/nov 1996** (33) US (14.11.1996)
- (31) 08/965,856 (32) **7 Nov/nov 1997** (33) US (07.11.1997)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C08J 7/04, C09D 175/04 // C08L 77:00
- (54) COATED NYLON FILM
PELLICULE DE NYLON ENDUITE
- (71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (72) **SCHRIVER, Andrea**; 799 Red Dale Road, Schuylkill, PA 17961 (US). **LACANNA, James**; 66 Heritage Drive, Freehold, NJ 07728 (US). **YATES, Stephen**; 1539 South Kennicott Drive, Arlington Heights, IL 60005 (US).
- (74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21269** (13) A1
- (21) PCT/US97/20235
- (22) **12 Nov/nov 1997** (12.11.1997)
- (25) en (26) en
- (31) 08/748,804 (32) **14 Nov/nov 1996** (33) US (14.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C08K 5/00, B32B 17/10
- (54) CONTROL OF ADHESION OF POLYVINYL BUTYRAL SHEET TO GLASS
MAITRISE DE L'ADHERENCE DE LA FEUILLE DE POLYVINYL BUTYRAL SUR LE VERRE
- (71) **MONSANTO COMPANY** [US/US]; 800 North Lindbergh Boulevard, Saint Louis, MO 63167 (US).
- (25) en (26) en
- (31) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C08G 63/91
- (54) SYNTHESSES OF NEW TYPES OF CHELATING RESINS AND THEIR ADSORPTION PROPERTIES FOR NOBLE METALS
SYNTHESSES DE NOUVEAUX TYPES DE RESINES CHELATANTES POSSEDANT DES PROPRIETES D'ADSORPTION DE METAUX NOBLES
- (71) **PAJ, INC.** [US/US]; 2930 N. Stemmons Freeway, Dallas, TX 75247 (US).
- (72) **DONG, Shihua**; 900 Frances Way #211, Richardson, TX 75081 (US). **ZHANG, Honglong**; 900 Frances Way #211, Richardson, TX 75081 (US). **ZHANG, Jian**; 900 Frances Way #211, Richardson, TX 75081 (US).
- (74) **CARSTENS, David, W.**; Strasburger & Price, L.L.P., P.O. Box 50100, Dallas, TX 75250 (US).
- (81) AM AU BB BG BR BY CA CN CZ EE FI GE HU IL JP KG KP KR KZ LK LR LT LV MD MG MN MX NO NZ PL RO RU SD SI SK TJ TT UA UZ VN; AP (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 98/21266** (13) A1
- (21) PCT/EP97/06371
- (22) **14 Nov/nov 1997** (14.11.1997)
- (25) de (26) de
- (31) 196 47 369.1 (32) **15 Nov/nov 1996** (33) DE (15.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C08G 83/00, C08K 9/06
- (54) COMPOSITE MATERIALS
MATERIAUX COMPOSITES
- (71) **INSTITUT FÜR NEUE MATERIALIEN GEM. GMBH** [DE/DE]; Gebäude 43a, Im Stadtwald, D-66123 Saarbrücken (DE). **PFLIEDERER DÄMMSTOFFTECHNIK INTERNATIONALE GMBH** [DE/DE]; Ingolstädter Strasse 51, D-92318 Neumarkt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JONSKER, Gerhard** [DE/DE]; Grünwaldstrasse 12, D-66583 Spiesen-Elversberg (DE). **MENNIG, Martin** [DE/DE]; Mittelstrasse 5, D-66287 Quierschied (DE). **SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, D-66130 Saarbrücken-Güdingen (DE). **ANGENENDT, Rainer** [DE/DE]; Am Schoor 13, D-46509 Xanten (DE).
- (74) **BARZ, Peter**; Kaiserplatz 2, D-80803 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21267** (13) A2
- (21) PCT/DE97/02618
- (22) **10 Nov/nov 1997** (10.11.1997)
- (25) de (26) de

(72) **D'ERRICO, John, J.**; 62 Washington Street, Glastonbury, CT 06033 (US).

(74) **MANDRA, Raymond, R.**; Fitzpatrick, Cella, Harper & Scinto, 277 Park Avenue, New York, NY 10172 (US) et al. / etc.

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

Published / Publiée : (c)

(11) **WO 98/21270** (13) A1

(21) PCT/US97/19989

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,655 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08K 5/01, B32B 1/08, B29D 24/00

(54) ELASTOMERIC COPOLYMER COMPOSITIONS AND ARTICLES MADE THEREWITH COMPOSITIONS DE COPOLYMERES ELASTOMERES ET ARTICLES FABRIQUES A L'AIDE DE CELLES-CI

(71) **TACTYL TECHNOLOGIES, INC.** [US/US]; 2595 Commerce Way, Vista, CA 92083 (US).

(72) **PLAMTHOTTAM, Sebastian**; 1496 Moonridge Court, Upland, CA 91784 (US).

(74) **GARMONG, Gregory, O.**; P.O. Box 12460, Zephyr Cove, NV 89448 (US) et al. / etc.

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

(11) **WO 98/21271** (13) A1

(21) PCT/US97/20208

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/749,875 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08K 5/07, 5/53, C08L 3/04

(54) AQUEOUS DISPERSION POLYMERS POLYMERES DE DISPERSION AQUEUSE

(71) **BETZDEARBORN INC.** [US/US]; 4636 Somerton Road, P.O. Box 3002, Trevose, PA 19053-6783 (US).

(72) **CONNORS, Edward, J.**; 118 Archbishop Drive, Conshohocken, PA 19428 (US). **COTTER, Michelle, L.**; 464 Timothy Drive, Feasterville, PA 19053 (US). **CHEN, Fu**; 119 Meadow View Drive, Newtown, PA 18940 (US).

(74) **SMITH, Matthew, W.** et al. / etc.; Betz-DeARBORN Inc., 4636 Somerton Road, Trevose, PA 19053-6783 (US).

(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 98/21272** (13) A2

(21) PCT/US97/19104

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 08/738,612 (32) **29 Oct/oct 1996 (29.10.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08L

(54) MANUFACTURE OF COMPOSITES OF INORGANIC POWDER AND POLYMER MATERIALS FABRICATION DE COMPOSITE A BASE DE POUDRE NON ORGANIQUE ET DE POLYMERES

(63) US 08/738,612 (CIP) 29 Oct/oct 1996 (29.10.1996)

(71, 72) **HOLL, Richard, A.** [CA/US]; 2183 Eastridge Trail, Oxnard, CA 93030 (US).

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

(11) **WO 98/21273** (13) A2

(21) PCT/EP97/06329

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) M196A002390 (32) **15 Nov/nov 1996 (15.11.1996)** (33) IT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08L 23/00

(54) POLYMER MIXTURE FOR SLUSH MOLDING MELANGE POLYMERES POUR COULAGE PAR EMBOUAGE

(71) **MONTELL NORTH AMERICA INC.** [US/US]; Three Little Falls Centre, 2801 Centerville Road, Wilmington, DE 19850-5439 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAGA, Vittorio** [IT/IT]; Via G. Meli, 12, I-44100 Ferrara (IT). **MULAS, Carlo** [IT/IT]; Via Ragusa, 8, I-31021 Mogliano Veneto (IT). **ZUCHELLI, Ugo** [IT/IT]; Via Rondona, 40/1, I-44049 Vigarano Mainarda (IT).

(74) **ZANOLI, Enrico**; Montell Italia S.p.A., Via Pergolesi, 25, I-20124 Milano (IT).

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

(11) **WO 98/21274** (13) A1

(21) PCT/US97/20574

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,321 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(31) 08/880,006 (32) **20 Jun/juin 1997 (20.06.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08L 23/04, C08J 5/18, B32B 27/32

(54) POLYOLEFIN COMPOSITIONS WITH BALANCED SEALANT PROPERTIES AND IMPROVED MODULUS AND METHOD FOR SAME COMPOSITIONS DE POLYOLEFINE A PROPRIETES D'ETANCHEITE EQUILIBREES ET A MODULE AMELIORE ET PROCEDE CORRESPONDANT

(63) US 08/748,321 (CIP) 13 Nov/nov 1996 (13.11.1996)

(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) **BOSIERS, Luc** [BE/BE]; Hendrik Kennisstraat 59, B-2650 Edegem (BE). **DEGROOT, Jacquelyn, A.** [US/US]; 349 Timbercreek Drive, Lake Jackson, TX 77566 (US). **KALE, Lawrence, T.** [CA/US]; 121 Portulaca, Lake Jackson, TX 77566 (US). **CHUM, Pak-Wing, Steve** [US/US]; 126 Juniper, Lake Jackson, TX 77566 (US). **DEKUNDE, Staci, A.** [US/US]; 3403 West Overdale, Pearland, TX 77584 (US). **VAN DUN, Jozef, J.** [BE/BE]; Pater Damiaanlaan 76, B-2240 Zandhoven (BE). **OSWALD, Thomas, T.** [US/US]; 323 Huckleberry, Lake Jackson, TX 77566 (US).

(74) **MCKINNEY, Osborne, K.**; Patent Dept., B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21275** (13) A1

(21) PCT/US97/20813

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,323 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08L 23/12, 53/00

(54) MODIFICATION OF POLYPROPYLENE IMPACT COPOLYMERS WITH METALLOCENE BASED POLYETHYLENES MODIFICATION DE COPOLYMERES D'IMPACT DE POLYPROPYLENE PAR DES POLYETHYLENES CATALYSES AUX METALLOCENES

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **MEKA, Prasadarao**; 2730 Sandpebble Drive, Seabrook, TX 77586 (US).

(74) **MILLER, Douglas, W.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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

Published / Publiée : (c)

(11) **WO 98/21276** (13) A1

(21) PCT/US97/20573

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,322 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(31) 08/842,190 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C08L 23/16

- (54) SHRINK FILM HAVING BALANCED PROPERTIES OR IMPROVED TOUGHNESS AND METHODS OF MAKING THE SAME
FILM RETRACTABLE PRESENTANT DES PROPRIETES EQUILIBREES OU UNE TENACITE AMELIOREE ET SES PROCEDES DE FABRICATION
- (63) US 08/748,322 (CIP)
13 Nov/nov 1996 (13.11.1996)
- (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) **PATEL, Rajen, M.** [US/US]; 114 Scarlet Oak, Lake Jackson, TX 77566 (US). **DEGROOT, Jacquelyn, A.** [US/US]; 349 Timbercreek Drive, Lake Jackson, TX 77566 (US).
- (74) **MCKINNEY, Osborne, K.**; The Dow Chemical Company, Patent Dept., B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21277** (13) A1
(21) PCT/JP97/04146
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) ja (26) ja
(31) 8/303343 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08L 27/18, 81/04, C08K 5/54
- (54) POLYMER ALLOY OF ETHYLENE/TETRAFLUOROETHYLENE COPOLYMER
MELANGE DE POLYMERES A BASE D'UN COPOLYMERE ETHYLENE/TETRAFLUOROETHYLENE
- (71) **ASAHI GLASS COMPANY** [JP/JP]; 1-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UMINO, Masao** [JP/JP]; Asahi Glass Company Ltd., Tamagawa Bunshitsu, 474-2, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 210 (JP). **MIURA, Yasuki** [JP/JP]; Asahi Glass Company Ltd., Tamagawa Bunshitsu, 474-2, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 210 (JP). **YOKOTA, Masataka** [JP/JP]; Asahi Glass Company Ltd., Tamagawa Bunshitsu, 474-2, Tsukagoshi 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa 210 (JP).
- (74) **OGAWA, Toshiharu** et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101 (JP).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21278** (13) A1
(21) PCT/GB97/03098
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 9623733.4 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB
- (31) 9718345.3 (32) **30 Aug/Août 1997 (30.08.1997)** (33) GB
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C08L 31/04, C08K 3/04, H01B 1/24 // (C08L 31/04, 31:04, 57:00)
- (54) COMPOSITIONS AND ELECTRIC CABLES
COMPOSITIONS ET CABLES ELECTRIQUES
- (71) **BICC PUBLIC LIMITED COMPANY** [GB/GB]; Devonshire House, Mayfair Place, London W1X 5FH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EASTER, Mark, Richard** [US/US]; 4502 North Delaware Street, Indianapolis, IN 46205 (US).
- (74) **POOLE, Michael, John** et al. / etc.; BICC Patents & Licensing Department, Quantum House, Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 4SJ (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 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 98/21279** (13) A1
(21) PCT/EP97/06436
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,047 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08L 53/02, 23/02
- (54) MODIFIED STYRENIC BLOCK COPOLYMER COMPOUNDS HAVING IMPROVED ELASTIC PERFORMANCE
COMPOSES MODIFIES DE COPOLYMERES STYRENIQUE SEQUENCE AYANT DES PROPRIETES ELASTIQUES AMELIOREES
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylantlaan 30, NL-2596 HR The Hague (NL).
- (72) **DJIAUW, Lie, Khong**; 15858 Signal Creek, Houston, TX 77095 (US). **MODIC, Michael, John**; 13131 Fallsview Lane No. 425, Houston, TX 77077 (US).
- (81) BR CA CN JP KR MX TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21280** (13) A1
(21) PCT/JP97/04141
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) ja (26) ja
(31) 8/301782 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08L 59/00, C08K 5/00 // (C08L 59/00, 23:06)
- (54) RESIN COMPOSITION
COMPOSITION DE RESINE
- (71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HORIO, Mitsuhiro** [JP/JP]; 304-8, Bakurocho, Kurashiki-shi, Okayama-ken 710 (JP). **SEYAMA, Toshiharu** [JP/JP]; 1-21-22-208, Kamejima, Kurashiki-shi, Okayama-ken 712 (JP).
- (74) **HIGUCHI, Takeshi**; Akasaka Habitation Building, 3rd floor, 3-5, Akasaka 1-chome, Minato-ku, Tokyo 107 (JP).
- (81) CN DE JP SG US.
-
- (11) **WO 98/21281** (13) A1
(21) PCT/JP97/04137
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) ja (26) ja
(31) 8/303042 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C08L 101/00, C08K 7/04, 3/40, 3/04, 3/10
- (54) LONG GLASS FIBER-REINFORCED CONDUCTIVE THERMOPLASTIC RESIN MOLDING AND PROCESS FOR PREPARING THE SAME
MOULAGE EN RESINE THERMOPLASTIQUE ELECTROCONDUCTRICE ARMEE DE FIBRE DE VERRE LONGUE ET PROCEDE D'ELABORATION
- (71) **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachi-dori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ENOMOTO, Norihide** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260 (JP).
- (74) **OCHIAI, Kenichiro**; Tokyo Head Office, Kawasaki Steel Corporation, Hibiya Kokusai Building, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21282** (13) A1
(21) PCT/CA97/00817
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) en (26) en
(31) 2,189,898 (32) **8 Nov/nov 1996 (08.11.1996)** (33) CA
(31) 2,214,336 (32) **30 Oct/oct 1997 (30.10.1997)** (33) CA
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C09D 5/00, 1/08, 7/12
- (54) ANTI-GRAFFITI PAINT COMPOSITION
COMPOSITION POUR PEINTURE ANTI-GRAFFITI
- (71, 72) **MARTIN, Louis-Marie, Joseph** [CA/CA]; 1 Taylor Lane, Ottawa, Ontario K1M 2A9 (CA).
- (74) **LAUZON, AnhThu**; 1627 Blohm Drive, Ottawa, Ontario K1G 5P3 (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 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 98/21283** (13) A1
(21) PCT/JP97/04142
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) ja (26) ja
(31) 8/302225 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C09D 11/00, B41J 2/21
(54) INK COMPOSITION CONTAINING CATIONIC
WATER-SOLUBLE RESIN
COMPOSITION D'ENCRE CONTENANT UNE
RESINE CATIONIQUE HYDROSOLUBLE
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1,
Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163
(JP).
(for all designated States except / pour tous les États
désignés sauf US)
- (72, 75) **KITAMURA, Kazuhiko** [JP/JP]; Seiko Epson
Corporation, 3-5, Owa 3-chome, Suwa-shi, Na-
gano 392 (JP). **OTA, Hitoshi** [JP/JP]; Seiko Epson
Corporation, 3-5, Owa 3-chome, Suwa-shi, Na-
gano 392 (JP). **ITO, Hiroshi** [JP/JP]; Seiko Epson
Corporation, 3-5, Owa 3-chome, Suwa-shi, Na-
gano 392 (JP).
- (74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law
Office, Fuji Building, Room 323, 2-3, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).
-
- (11) **WO 98/21284** (13) A1
(21) PCT/JP97/04143
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) ja (26) ja
(31) 8/302228 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C09D 11/02
(54) PIGMENT-BASE INK COMPOSITION CA-
PABLE OF FORMING IMAGES EXCELLENT
IN RESISTANCE TO SCUFFING
COMPOSITION D'ENCRE A BASE PIGMEN-
TAIRE, PERMETTANT LA REALISATION
D'IMAGES RESISTANTES AUX ERAILLURES
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1,
Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163
(JP).
(for all designated States except / pour tous les États
désignés sauf US)
- (72, 75) **YATAKE, Masahiro** [JP/JP]; Seiko Epson
Corporation, 3-5, Owa 3-chome, Suwa-shi, Na-
gano 392 (JP).
- (74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law
Office, Fuji Building, Room 323, 2-3, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).
-
- (11) **WO 98/21285** (13) A1
(21) PCT/US97/03016
(22) **27 Feb/fév 1997 (27.02.1997)**
(25) en (26) en
(31) 08/746,351 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C09J 7/02
(54) INTERNALLY SEPARABLE TAPE LAMINATE
STRATIFIE EN BANDE SEPARABLE DE
L'INTERIEUR
- (71) **MINNESOTA MINING AND MANUFACTU-
RING COMPANY** [US/US]; 3M Center, P.O. Box
33427, Saint Paul, MN 55133-3427 (US).
- (72) **LANGFORD, Nathaniel, P.**; P.O. Box 33427,
Saint Paul, MN 55133-3427 (US).
- (74) **HUEBSCH, William, L.** et al. / etc.; Minnesota
Mining and Manufacturing Company, Office of
Intellectual Property Counsel, P.O. Box 33427,
Saint Paul, MN 55133-3427 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE 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 98/21286** (13) A1
(21) PCT/US97/20763
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 08/749,443 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C09J 123/08
(54) HOT MELT ADHESIVES WITH EXCELLENT
HEAT RESISTANCE
ADHESIFS THERMOFUSIBLES AYANT UNE
EXCELLENTE RESISTANCE A LA CHALEUR
- (71) **H.B. FULLER LICENSING & FINANCING,
INC.** [US/US]; 1200 Willow Lake Boulevard, St.
Paul, MN 55110-5132 (US).
- (72) **ALBRECHT, Steven, W.**; 1200 Willow Lake
Boulevard, St. Paul, MN 55110-5132 (US).
- (74) **FISCHER, Carolyn, A.**; 1200 Willow Lake Bou-
levard, St. Paul, MN 55110-5132 (US) et al. / etc.
- (81) AU CA CN JP; EP (AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21287** (13) A1
(21) PCT/US96/18841
(22) **12 Nov/nov 1996 (12.11.1996)**
(25) en (26) en
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C09J 163/10, C08F 283/10, C09J 181/08
(54) THERMOSETTABLE PRESSURE SENSITIVE
ADHESIVE
- ADHESIF THERMODURCISSABLE, SENSIBLE
A LA PRESSION
- (71) **MINNESOTA MINING AND MANUFACTU-
RING 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) **BENNETT, Gregory, Scott** [US/DE];
Fernholz 8A, D-40883 Ratingen (DE). **THYSSEN,
Andre, Peter** [DE/DE]; Moorenring 17, D-47906
Kempen (DE). **RIEDER-OTTERBURG, Su-
zanne, Helene** [DE/DE]; Allensteinstrasse 27,
D-41564 Kaarst (DE). **HAAK, Christopher, A.**
[US/US]; 7504 46th Street North, Oakdale, MN
55128 (US). **KARIM, Naimul** [BD/US]; 2360
Linwood Court, Maplewood, MN 55119 (US).
- (74) **SKOLNICK, Steven, E.** et al. / etc.; Office of
Intellectual Property Counsel, Minnesota Mining
and Manufacturing Company, 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 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 (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 98/21288** (13) A1
(21) PCT/IT97/00262
(22) **23 Oct/oct 1997 (23.10.1997)**
(25) en (26) en
(31) P196A000055 (32) **8 Nov/nov 1996 (08.11.1996)** (33) IT
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C09K 3/14
(54) SUSPENDING, LUBRICATING AND ANTIOXI-
DANT PRODUCT FOR USE WITH ABRASIVE
SLURRY TO CUT GRANITE, STONES AND SI-
MILAR MATERIALS
PRODUIT ANTIOXYDANT DE LUBRIFICA-
TION ET DE MISE EN SUSPENSION, UTILISE
AVEC UNE BOUE POUR DECOUPER DU
GRANIT, DES PIERRES ET DES MATERIAUX
SIMILAIRES
- (71, 72) **PIRRELLO, Antonio** [IT/IT]; Viale Europa,
13, I-56022 Castelfranco di Sotto (IT).
- (74) **BARDINI, Marco, Luigi** et al. / etc.; Società
Italiana Brevetti S.p.A., Corso dei Tintori, 25,
I-50122 Firenze (IT).
- (81) BR CN JP KR US; EP (AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21289** (13) A1
(21) PCT/JP97/04070
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) ja (26) ja
(31) 8/303115 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
(31) 8/303116 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
(31) 8/303117 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C09K 3/14, B24B 37/00, G11B 5/84

(54) ABRASIVE COMPOSITION FOR THE BASE OF MAGNETIC RECORDING MEDIUM AND PROCESS FOR PRODUCING THE BASE BY USING THE SAME
COMPOSITION ABRASIVE UTILISEE DANS LA FABRICATION DE LA BASE D'UN SUPPORT D'ENREGISTREMENT MAGNETIQUE, ET PROCEDE DE FABRICATION DE CETTE BASE A L'AIDE DE CETTE COMPOSITION

(71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi Kayaba-cho 1-chome, Chuo-ku, Tokyo 103 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Yuzo** [JP/JP]; Kao Corporation, 1-4-1, Itachibori, Nishi-ku, Osaka-shi, Osaka 550 (JP). **SHIBATA, Manabu** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-34 (JP). **TAIRA, Koji** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640 (JP). **HAGIHARA, Toshiya** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640 (JP).

(74) **HATORI, Osamu** et al. / etc.; Akasaka HKN Building, 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107 (JP).

(81) CN JP KR US.

(11) **WO 98/21290** (13) A1

(21) PCT/US97/20263

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/747,625 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C09K 7/02, E21B 21/00, 33/138, 43/34

(54) DRILLING, COMPLETION, AND WORKOVER FLUID COMPRISING GROUND PEANUT HULLS
FLUIDE DE FORAGE, DE COMPLETION ET DE RECONDITIONNEMENT COMPORANT DES COQUES D'ARACHIDES MOULUES

(71, 72) **FORREST, Gabriel, T.** [US/US]; Bering Place II, Suite 301, 800 Bering, Houston, TX 77057 (US).

(74) **ZOBAL, Arthur, F.**; Wofford Fails Zobal & Mantooh, Suite 500, 110 West Seventh, Fort Worth, TX 76102-7077 (US).

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

(11) **WO 98/21291** (13) A1

(21) PCT/US97/21173

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/031,262 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C09K 7/02

(54) CLEAR BRINE DRILL-IN FLUID BOUE DE FORAGE COMPRENANT DE LA SAUMURE TRANSPARENTE

(71) **TETRA TECHNOLOGIES, INC.** [US/US]; 25025 I-45 North, The Woodlands, TX 77380 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURPHEY, Joseph, Robert** [US/US]; Tetra Technologies, Inc. 25025 I-45 North, The Woodlands, TX 77380 (US). **MCLAURINE, Henry, Clayton** [US/US]; Tetra Technologies, Inc. 25025 I-45 North, The Woodlands, TX 77380 (US). **CONNER, Richard, Paul** [US/US]; Tetra Technologies, Inc. 25025 I-45 North, The Woodlands, TX 77380 (US).

(74) **D'AMBROSIO, Jo, Katherine**; Sroufe, Payne & Ludeen, L.L.P., Suite 1230, 1700 West Loop South, Houston, TX 77027-3008 (US).

(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 LV MD MG MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21292** (13) A1

(21) PCT/GB97/03030

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623578.3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C09K 17/52, C05F 5/00

(54) BIOMASS CONDITIONING
CONDITIONNEMENT DE BIOMASSE

(71) **UNIVERSITY OF LEEDS INNOVATIONS LIMITED** [GB/GB]; 175 Woodhouse Lane, Leeds, West Yorkshire LS2 3AR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHITELEY, Geoffrey, Michael** [GB/GB]; 26 Hill Crescent, Burley-in-Wharfedale, Ilkley LS29 7QG (GB).

(74) **JOHNSTONE, Helen, Margaret**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21293** (13) A1

(21) PCT/US97/19974

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/748,455 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C10L 1/18

(54) LUBRICANTS FOR DIESEL FUEL
LUBRIFIANTS POUR CARBURANT DIESEL

(71) **HENKEL CORPORATION** [US/US]; Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).

(72) **BEIMESCH, Bruce, J.**; 2499 Woodhill Court #11, Crescent Springs, KY 41017 (US). **ZEHLER, Eugene, R.**; 7449 Cinnamon Woods Drive, West Chester, OH 45069 (US).

(74) **DRACH, John, E.**; Henkel Corporation, Suite 150, 140 Germantown Pike, Plymouth Meeting, PA 19462 (US).

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

(11) **WO 98/21294** (13) A1

(21) PCT/US97/20779

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/747,862 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(31) Not furnished / (32) **4 Nov/nov 1997 (04.11.1997)** (33) US
non communiqué

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C10L 1/32

(54) STABILIZED WATER NANOCUSTER-FUEL EMULSIONS DESIGNED THROUGH QUANTUM CHEMISTRY
EMULSIONS STABILISEES DE COMBUSTIBLES A NANOGROUPES AQUEUX CONÇUES PAR CHIMIE QUANTIQUE

(71) **QUANTUM ENERGY TECHNOLOGIES CORPORATION** [US/US]; Suite 210, 238 Main Street, Cambridge, MA 02142 (US).

(72) **JOHNSON, Keith, H.**; 239 Mount Auburn Street, Cambridge, MA 02138 (US). **ZHANG, Bin**; 773 Superior Road, Milpitas, CA 95035 (US).

(74) **JARRELL, Brenda, Herschbach**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109-2891 (US).

(81) AU BR CA JP KR MX NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/21295** (13) A1

(21) PCT/US97/20784

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/749,752 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C10L 5/02

(54) BLAST FURNACE FUEL FROM RECLAIMED CARBONACEOUS MATERIALS
COMBUSTIBLE POUR HAUTS FOURNEAUX FABRIQUE A PARTIR DE DECHETS CARBONES

(71) **COVOL TECHNOLOGIES, INC.** [US/US]; 3280 North Frontage Road, Lehi, UT 84043 (US).

(72) **EATOUGH, Craig, Norman**; 1711 North 1350 West, Provo, UT 84604 (US). **FORD, George, W., Jr.**; 1256 South 1700 East, Salt Lake City, UT 84108 (US). **LAMBERT, Richard, C.**; 5492 West 10130 North, Highland, UT 84003 (US).

(74) **FOSTER, Lynn, G.**; 602 East 300 South, Salt Lake City, UT 84102 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21296** (13) A1
 (21) PCT/CA97/00857
 (22) **13 Nov/nov 1997 (13.11.1997)**
 (25) en (26) en
 (31) 2,190,233 (32) **13 Nov/nov 1996 (13.11.1996)** (33) CA
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C10L 11/02, 11/04, 5/40
 (54) COMBUSTIBLE FUEL SOURCE
 SOURCE DE COMBUSTIBLE
 (71, 72) **MANNER, D., Lee** [CA/CA]; 221 Margaret Street, North Bay, Ontario P1B 8G4 (CA).
 (74) **STRATTON, Robert, P.** et al. / etc.; Gowling, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).

Published / Publiée : (c)

(11) **WO 98/21297** (13) A1
 (21) PCT/US97/18278
 (22) **10 Oct/oct 1997 (10.10.1997)**
 (25) en (26) en
 (31) 746,533 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C10M 157/04, 161/00 // (C10M 157/04, 143:02, 143:00, 143:10, 143:12, 145:14, 145:16, 149:02) (C10M 161/00, 133:52, 133:56, 143:02, 143:00, 143:10, 143:12, 145:14, 145:16, 149:02), C10N 30:00, 30:02
 (54) LUBRICATING OIL FORMULATIONS WITH IMPROVED LOW TEMPERATURE PERFORMANCE
 FORMULATIONS D'HUILE LUBRIFIANTE AVEC PERFORMANCES AMELIOREES A BASSE TEMPERATURE
 (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 1900 East Linden Avenue, P.O. Box 710, Linden, NJ 07036 (US).
 (72) **LEWTAS, Kenneth**; Sterrebeeklaan 79, B-3080 Tervuren-Moorsel (BE). **LAZARUS, Antonio, Gregory**; 11 Arnold Lane, Robbinsville, NJ 08691 (US).
 (74) **COHEN, Harvey, L.**; Exxon Chemical Company, 1900 East Linden Avenue, P.O. Box 710, Linden, NJ 07036 (US).
 (81) AU BR CA JP KR MX SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21298** (13) A1
 (21) PCT/US97/19842
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 08/748,210 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C11C 3/12, C25B 3/04
 (54) SYNTHESIS OF A LOW TRANS-CONTENT EDIBLE OIL, NON-EDIBLE OIL OR FATTY ACID IN A SOLID POLYMER ELECTROLYTE REACTOR
 SYNTHÈSE D'UNE HUILE COMESTIBLE, D'UNE HUILE NON COMESTIBLE OU D'UN ACIDE GRAS A FAIBLE TENEUR EN TRANS DANS UN REACTEUR A ELECTROLYTE POLYMERE SOLIDE
 (63) US 08/748,210 (CIP) 12 Nov/nov 1996 (12.11.1996)
 (71) **ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND** [US/US]; 6823 St. Charles Avenue, New Orleans, LA 70118 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **PINTAURO, Peter, N.** [US/US]; 5819 Perrier Street, New Orleans, LA 70118 (US). **AN, Weidong** [CN/US]; Apartment Q, 8111 Green Street, New Orleans, LA 70118 (US).
 (74) **CARBO, Michael, D.** et al. / etc.; 1122 Whitney Bank Building, 228 St. Charles Avenue, New Orleans, LA 70130 (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 ID IL IS JP KE KG KP KR KZ 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 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 98/21299** (13) A1
 (21) PCT/US97/20513
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 96870145.8 (32) **13 Nov/nov 1996 (13.11.1996)** (33) EP
 (34) BE et al. / etc.
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C11D 1/04, 3/04, 3/39, 3/395
 (54) AQUEOUS ALKALINE PEROXYGEN BLEACH-CONTAINING COMPOSITIONS
 COMPOSITIONS AQUEUSES ALCALINES CONTENANT UN AGENT DE BLANCHIMENT PEROXYGENE
 (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) **PETRI, Marco** [IT/IT]; Via Ai Boschi, 70, I-21021 Angera Varese (IT). **TRANI, Marina** [IT/IT]; Via Gualtiero Serafino, 20, I-00136 Rome (IT).
 (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/21300** (13) A2
 (21) PCT/EP97/06313
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) de (26) de
 (31) 196 46 520.6 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C11D 1/94, 3/00
 (54) DISHWASHING DETERGENT WITH ENHANCED CLEANING EFFECT
 AGENT DETERGENT POUR LAVE-VAISSELLE A POUVOIR DE NETTOYAGE RENFORCE
 (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) **GIESEN, Brigitte** [DE/DE]; Torfbruchstrasse 83 a, D-40625 Düsseldorf (DE). **ZAIKA, Dagmar** [DE/DE]; Metzkausener Strasse 14, D-40822 Mettmann (DE). **MIDDELHAUVE, Birgit** [DE/DE]; Robert-Koch-Strasse 24, D-40789 Monheim (DE). **HOFMANN, Rainer** [DE/DE]; Hospitalstrasse 18, D-40597 Düsseldorf (DE). **LEGEL, Dieter** [DE/DE]; Andersen-Strasse 7, D-42719 Solingen (DE).
 (81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21301** (13) A1
 (21) PCT/EP97/05939
 (22) **28 Oct/oct 1997 (28.10.1997)**
 (25) de (26) de
 (31) 196 46 437.4 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C11D 3/00, 3/37
 (54) USE OF QUATERNIZED POLYMERIZATES CONTAINING UNITS OF VINYL IMIDAZOL AS A COLOUR FIXING AND COLOUR TRANSFER INHIBITING ADDITIVE TO DETERGENT POST-TREATMENT AGENTS AND DETERGENTS
 UTILISATION DE POLYMERISATS CONTENANT DES UNITES VINYLIMIDAZOL QUATERNARISEES COMME ADDITIF FIXANT LES COULEURS ET EMPECHANT LEUR TRANSFERT POUR PRODUITS DE BLANCHISSAGE DE POST-TRAITEMENT ET POUR PRODUITS DE LAVAGE
 (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BÖCKH, Dieter** [DE/DE]; Zeppelinstrasse 3, D-67117 Limburgerhof (DE). **JÄGER, Hans-Ulrich** [DE/DE]; Erschigweg 31, D-67434 Neustadt (DE). **LUX, Jürgen, Alfred** [DE/DE]; Rohrweierweg 10, D-67150 Niederkirchen (DE). **STEIN, Stefan** [DE/DE]; Albert-Einstein-Strasse 12, D-55291 Saulheim (DE). **DETERING, Jürgen** [DE/DE]; Albert-Einstein-Allee 11,

D-67117 Limburgerhof (DE). **SCHADE, Christian** [DE/DE]; Lisztstrasse 42, D-67061 Ludwigshafen (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 LUDWIGSHAFEN (DE).

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

Published / Publiée : (c)

(11) **WO 98/21302** (13) A1

(21) PCT/US97/20089

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 60/030,899 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C11D 3/00, 3/386, 3/37

(54) USE OF WATER SOLUBLE ENZYME-POLYMER CONJUGATES FOR CLEANING CONTACT LENSES
UTILISATION DE CONJUGUES ENZYME-POLYMERES SOLUBLES DANS L'EAU AFIN DE NETTOYER DES LENTILLES DE CONTACT

(71) **POLYMER TECHNOLOGY CORPORATION** [US/US]; 100 Research Drive, Wilmington, MA 01887 (US).

(72) **ELLIS, Edward, James**; 9 Hampton Court, Lynnfield, MA 01940 (US). **JAHNGEN, Edwin, Georg, Emil**; 25 Hillside Road, Kingston, NH 03848 (US). **MEUSE, Arthur, John**; 5 Stafford Road, Lynnfield, MA 01940 (US).

(74) **KONKOL, Chris, P.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

(81) AL AU BB BR BY CA CU EE ES FI GB HU IL JP KE KG KP KR MD MK MN MW NO NZ PL PT RU SE SI SK TJ TR TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/21303** (13) A2

(21) PCT/EP97/06083

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) de (26) de

(31) 196 46 866.3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C11D 3/37, 3/00

(54) INDUSTRIAL WASHING PROCESS USING A DIRT DISSOLVING POLYMER
PROCEDE DE LAVAGE INDUSTRIEL UTILISANT UN POLYMERE ELIMINANT LA SALETTE

(71) **HENKEL-ECOLAB GMBH & CO. OHG** [DE/DE]; Reisholzer Werftstrasse 38 - 40, D-40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLEINIG, Chris** [DE/DE]; Altenbrückstrasse 91, D-40599 Düsseldorf (DE). **KÖPPELMANN, Edgar** [DE/DE]; Am Eichelkamp 166, D-40723 Hilden (DE). **MERZ, Thomas** [DE/DE]; Erikaweg 3a, D-40723 Hilden (DE).

(74) **HASE, Christian**; Henkel KGaA, Patente (TTP), D-40191 Düsseldorf (DE).

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

(11) **WO 98/21304** (13) A1

(21) PCT/US97/14149

(22) **27 Aug/Août 1997 (27.08.1997)**

(25) en (26) en

(31) 08/747,872 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C11D 7/08, 7/10, 7/34, 7/32

(54) LIQUID METAL CLEANER FOR AN AQUEOUS SYSTEM
NETTOYANT LIQUIDE POUR METAUX POUR SYSTEME AQUEUX

(71) **ASHLAND INC.** [US/US]; P.O. Box 2219, Columbus, OH 43216 (US).

(72) **HLIVKA, Linda, M.**; 1 Olden Drive, Flemington, NJ 08822 (US). **MIHELIC, Joseph**; 92 Cobbler Square, Sparta, NJ 07871 (US). **LIBUTTI, Bruce, L.**; 300 Van Buren Avenue, Teaneck, NJ 07666 (US).

(74) **HEDDEN, David, L.**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (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 IL IS JP KE KG KP KR KZ 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 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 98/21305** (13) A1

(21) PCT/US97/16101

(22) **10 Sep/sep 1997 (10.09.1997)**

(25) en (26) en

(31) 9623473.7 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C11D 7/50, 3/43, 3/39, 3/20, 3/48

(54) AQUEOUS DISINFECTING CLEANING COMPOSITION
COMPOSITION DE NETTOYAGE DESINFECTANTE AQUEUSE

(71) **RECKITT & COLMAN INC.** [US/US]; 1655 Valley Road, Wayne, NJ 07474 (US).

(72) **MONTICELLO, Michael, Vincent**; 266 Schepis Avenue, Saddle Brook, NJ 07663 (US). **MAYERHAUSER, George, Robert**; 47 Windbeam Lane, Ringwood, NJ 07456 (US).

(74) **PARFOMAK, Andrew** et al. / etc.; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).

(81) AL AM AU BB BG BR CA CN CZ EE FI GE HU IL IS JP KG 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 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 98/21306** (13) A1

(21) PCT/GB97/02648

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 9623377.0 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C11D 9/28, 3/00, 3/48, 17/00

(54) ANTISEPTIC SOAP BAR
PAIN DE SAVON ANTISEPTIQUE

(71) **RECKITT & COLMAN PRODUCTS LIMITED** [GB/GB]; One Burlington Lane, London W4 2RW (GB).

(72) **PAYNE, David, Norman**; 51 West Ella Road, Kirkella, Hull, HU10 7QL (GB).

(74) **DALE, Martin, Nicholas** et al. / etc.; Reckitt & Colman plc, Group Patents Dept., Dansom Lane, Hull HU8 7DS (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21307** (13) A1

(21) PCT/US97/20512

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 96870146.6 (32) **13 Nov/nov 1996 (13.11.1996)** (33) EP

(34) BE et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C11D 17/50

(54) DISINFECTING MICROEMULSIONS
MICROEMULSIONS DESINFECTANTES

(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) **PETRI, Marco** [IT/IT]; Via Ai Boschi, 70, I-21021 Angera Varese (IT). **TRANI, Marina** [IT/IT]; Via Gualtiero Serafino, 20, I-00136 Rome (IT). **ROMANO, Nicoletta** [IT/IT]; Via Calcutta, 25, I-00144 Rome (IT). **SEREGO AL-LIGHIERI, Giadra** [IT/IT]; Via Adelaide Ristori, 32/b, I-00197 Rome (IT).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/21308** (13) A2

(21) PCT/US97/20224

(22) **12 Nov/nov 1997 (12.11.1997)**

- (25) en (26) en
(31) 08/747,491 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C11D 33 /95, 3 /00
- (54) ACIDIC BLEACHING SOLUTION, METHOD OF PREPARATION AND A BLEACHING SYSTEM FOR FORMING THE SAME SOLUTION ACIDE DE BLANCHIMENT, PROCEDE DE PREPARATION, ET SYSTEME BLANCHISSEUR PERMETTANT DE REALISER UNE TELLE SOLUTION
- (71) **S.C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) **COYLE-REES, Margaret**; 3153 Rudolph Drive, Racine, WI 53406 (US).
- (74) **BOZEK, Laura, L.** et al. / etc.; Patent Section, S.C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AU BR CA CN JP MX NZ; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21309** (13) A1
(21) PCT/DK97/00512
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 1265/96 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DK
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12M 1/00, C12Q 1/00
- (54) METHOD FOR MEASURING THE CONCENTRATION OF A MEDIUM IN AN ENVIRONMENT, MICROSENSOR FOR SUCH METHOD AND APPLICATION OF SUCH MICROSENSOR PROCEDE DE MESURE DE LA CONCENTRATION D'UN MILIEU DANS UN ENVIRONNEMENT, MICROCAPTEUR UTILISE DANS CE PROCEDE ET SON APPLICATION
- (71) **UNISENSE ApS** [DK/DK]; Forskerparken, Gustav Wieds Vej 10, DK-8000 Århus C (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LARSEN, Lars, Hauer** [DK/DK]; Overdrevet 25, DK-8382 Hinnerup (DK). **REVSBECH, Niels, Peter** [DK/DK]; Thorshavnsgade 3, DK-8200 Århus N (DK). **KJÆR, Thomas** [DK/DK]; Mejlgade 84, 4. sal, DK-8000 Århus C (DK).
- (74) **DANFOSS A/S**; Patent Dept., DK-6430 Nordborg (DK).
- (81) AM AT AU BA BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KR KZ LT LU LV MD MK MX 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 98/21310** (13) A1
(21) PCT/JP97/04020
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) ja (26) ja
(31) 8/298474 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12M 1/00, G01N 1/28, 21/78, 31/22, 33/52
- (54) TESTING DEVICE
DISPOSITIF DE TEST
- (71) **NISSUI PHARMACEUTICAL CO., LTD.** [JP/JP]; 11-1, Sugamo 2-chome, Toshima-ku, Tokyo 170 (JP).
- (72) **ENDO, Ryuichi**; Nissui Pharmaceutical Co., Ltd. Research Laboratories, 1075-2, Hokunanmoro, Yuki-shi, Ibaraki 307 (JP). **MISHINA, Masatoshi**; Nissui Pharmaceutical Co., Ltd. Research Laboratories, 1075-2, Hokunanmoro, Yuki-shi, Ibaraki 307 (JP). **HAYASHI, Masahito**; Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-01 (JP). **MIYAKE, Kayoko**; Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-01 (JP). **OGUCHI, Kiyoshi**; Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-01 (JP).
- (74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Building, 3-6, Nihonbashiningyocho 1-chome, Chuo-ku, Tokyo 103 (JP).
- (81) IL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21311** (13) A1
(21) PCT/US97/21192
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 60/029,432 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 1/12, 1/06, 1/02
- (54) COMPOSITIONS AND METHODS RELATING TO THE PRODUCTION, ISOLATION, AND MODIFICATION OF GAS VESICLES
COMPOSITIONS ET PROCEDES RELATIFS A LA PRODUCTION, L'ISOLEMENT ET LA MODIFICATION DE MICROBULLES DE GAZ
- (71) **THE UNIVERSITY OF AKRON** [US/US]; 302 E. Buchtel Avenue, Akron, OH 44325 (US).
- (72) **JU, Lu-Kwang**; 1490 Shanabrook Drive, Akron, OH 44313 (US). **SUNDARARAJAN, Anand**; 446 Spicer Street, Akron, OH 44311 (US). **KASHYAP, Sunil**; 503 Sheerman Street, Akron, OH 44311 (US).
- (74) **WEBER, Ray, L.** et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, 16th floor, First National Tower, Akron, OH 44308 (US).
- (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 98/21312** (13) A1
(21) PCT/GB97/02995
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 9623326.7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB
(31) 9707161.7 (32) **8 Apr/avr 1997 (08.04.1997)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 5/08, C12Q 1/02, C12M 3/00, A61M 1/36
- (54) HUMAN HEPATOCYTES IN THREE-DIMENSIONAL SUPPORT SYSTEMS
HEPATOCYTES HUMAINS SUR SYSTEMES DE SUPPORT TRIDIMENSIONNEL
- (71) **RPMS TECHNOLOGY LIMITED** [GB/GB]; Commonwealth Building, Du Cane Road, London W12 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SELDON, Clare** [GB/GB]; Imperial College School of Medicine, Liver Group Labs, Gastroenterology Unit, (RPMS Hammersmith site) Du Cane Road, London W12 0NN (GB). **HODGSON, Humphrey** [GB/GB]; Imperial College School of Medicine, Liver Group Labs, Gastroenterology Unit, (RPMS Hammersmith Site) Du Cane Road, London W12 0NN (GB).
- (74) **BASSETT, Richard**; Eric Potter Clarkson, St. Mary's Court, St. Mary's Gate, Nottingham NG1 1LE (GB).
- (81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- Published / Publiée : (c)
-
- (11) **WO 98/21313** (13) A1
(21) PCT/JP97/03797
(22) **21 Oct/oct 1997 (21.10.1997)**
(25) ja (26) ja
(31) 8/296041 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 5/08
- (54) METHOD FOR CULTURING HEMATOPOIETIC STEM CELLS
PROCEDE POUR LA MISE EN CULTURE DE CELLULES SOUCHES HEMATOPOIETIQUES
- (71) **OTSUKA PHARMACEUTICAL CO., LTD.** [JP/JP]; 9, Kandatsukasacho 2-chome, Chiyoda-ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SOGO, Shinji** [JP/JP]; Roreruhaitsu Nakamura 205, 39-1, Nakashowacho 2-chome, Tokushima-shi, Tokushima 770 (JP). **YAMANISHI, Kazuya** [JP/JP]; 19-139, Higashichiyogamaru, Obara-cho, Tokushima-shi, Tokushima 770 (JP). **ADACHI, Masakazu** [JP/JP]; 3493-9, Ishihara-machi, Takasaki-shi, Gunma 370 (JP). **IKEHARA, Susumu** [JP/JP]; 5-8-1004, Tomobuchicho 1-chome, Miyakojima-ku, Osaka-shi, Osaka 534 (JP).
- (74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541 (JP).
- (81) CA NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21314** (13) A2
(21) PCT/US97/21858
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 60/030,527 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(31) 08/748,341 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 5/08, A61K 35/14
- (54) METHOD OF PROMOTING B-CELL PROLIFERATION AND ACTIVATION AND OF MODULATING THE IMMUNE SYSTEM

- PROCEDE SERVANT A STIMULER L'ACTIVATION ET LA PROLIFERATION DE LYMPHOCYTES B ET A MODULER DES REACTIONS IMMUNITAIRES
- (71) **DANA-FARBER CANCER INSTITUTE** [US/US]; 44 Binney Street, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHULTZE, Joachim, L.** [DE/US]; 37 Auburn Street, Brookline, MA 02146 (US). **FREE-MAN, Gordon, J.** [US/US]; 305 Walnut Street, Brookline, MA 02146 (US). **GRIBBEN, John, G.** [US/US]; Apartment C-312, 20 Chapel Street, Brookline, MA 02146 (US). **NADLER, Lee, M.** [US/US]; 36 Cross Hill Road, Newton, MA 02159 (US).
- (74) **EISENSTEIN, Ronald, I.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109 (US).
- (81) AU CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21315** (13) A1
(21) PCT/JP97/04079
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) ja (26) ja
(31) 8/303365 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 5/10, C12P 21/02, C12N 15/12, C07K 14/47
- (54) TRANSFORMANT CONTAINING PRESENILIN 2 VARIANT GENE AND USE THEREOF
TRANSFORMANT CONTENANT UN ALLELE DE PRESENILIN 2 ET SON UTILISATION
- (71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IWATSUBO, Takeshi** [JP/JP]; 39-2-401, Honkomagome 4-chome, Bunkyo-ku, Tokyo 113 (JP). **MARUYAMA, Kei** [JP/JP]; 4-203 Meidaijijutaku, 3-1, Tatsumi-minami 2-chome, Okazaki-shi, Aichi 444 (JP). **KAKIHANA, Mitsuru** [JP/JP]; 4-2, Tsukushigaoka 9-chome, Kita-ku, Kobe-shi, Hyogo 651-12 (JP).
- (74) **ASAHINA, Tadao** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17-85, Jusohomachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532 (JP).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
-
- (11) **WO 98/21316** (13) A1
(21) PCT/US97/20783
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,527 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 5/28, 5/24, 15/00, 15/09, 15/63, 5/10
- (54) METHOD OF MAKING MONOCLONAL ANTIBODIES USING POLYMORPHIC TRANSGENIC ANIMALS
PROCEDE D'ELABORATION D'ANTICORPS MONOCLONAUX A L'AIDE D'ANIMAUX TRANSGENIQUES POLYMORPHES
- (71) **THE NEW YORK BLOOD CENTER, INC.** [US/US]; 310 East 67th Street, New York, NY 10021 (US).
- (72) **REID, Marion, E.**; 504 East 63rd Street, New York, NY 10021 (US).
- (74) **BARON, Ronald, J.** et al. / etc.; Hoffmann & Baron, LLP, 350 Jericho Turnpike, Jericho, NY 11753 (US).
- (81) AU CA CN IL JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21317** (13) A1
(21) PCT/AU97/00520
(22) **15 Aug/Août 1997 (15.08.1997)**
(25) en (26) en
(31) PO 3519 (32) **8 Nov/nov 1996 (08.11.1996)** (33) AU
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 7/01, 7/00, 15/36, 15/54, C07K 14/02
- (54) VIRAL VARIANTS AND METHODS FOR DETECTING SAME
VARIANTES VIRALES ET LEURS PROCEDES DE DETECTION
- (71) **WESTERN HEALTH CARE NETWORK** [AU/AU]; Connibere Building, 10th floor, Royal Melbourne Hospital Campus, Flemington Road, Parkville, VIC 3050 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOCARNINI, Stephen, Alister** [AU/AU]; 13 Carlisle Avenue, East St. Kilda, VIC 3183 (AU). **BARTHOLOMEUSZ, Angeline, Ingrid** [AU/AU]; 64 Miller Street, Carnegie, VIC 3163 (AU). **AYE, Thein, Thein** [BU/AU]; 2/15 Willa Avenue, View Bank, VIC 3084 (AU). **de MAN, Robert, A.** [NL/AU]; Erasmus University Hospital, NL-3000 CA Rotterdam (NL).
- (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 HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX 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 98/21318** (13) A1
(21) PCT/US97/20601
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/748,703 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 9/00, 15/52, C12Q 1/68, C07K 16/40
- (54) UBCH7-LIKE UBIQUITIN-CONJUGATING ENZYME
ENZYME CONJUGANT UNE UBIQUITINE TELLE QUE UBCH7
- (63) US 08/748,703 (CIP)
13 Nov/nov 1996 (13.11.1996)
- (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). **GOLI, Surya, K.** [IN/US]; 620 Iris Avenue #338, Sunnyvale, CA 94086 (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 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 98/21319** (13) A1
(21) PCT/US97/21859
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/751,070 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 9/54, C11D 3/386 // (C12N 9/54, C12R 1:07)
- (54) DETERGENT-STABLE MICROBIAL PROTEASE
PROTEASE MICROBIENNE STABLE EN PRESENCE DE DETERGENTS
- (71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53707-7365 (US).
- (72) **DAMODARAN, Srinivasan**; 826 Sauk Ridge Trail, Madison, WI 53717 (US). **HAN, Xiao-Qing**; 508A Eagle Heights, Madison, WI 53707 (US).
- (74) **SARA, Charles, S.** et al. / etc.; DeWitt Ross & Stevens S.C., 8000 Excelsior Drive, Madison, WI 53717-1914 (US).
- (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 LV MD MG MK MN MW MX 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21320** (13) A2
(21) PCT/US97/20226
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 60/030,655 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 9/72
- (54) TISSUE TYPE PLASMINOGEN ACTIVATOR (t-PA) VARIANTS: COMPOSITIONS AND METHODS OF USE
VARIANTES D'ACTIVATEUR PLASMINOGENE DE TYPE TISSULAIRE (t-PA): COMPOSITIONS ET TECHNIQUES D'UTILISATION

- (63) US 60/030,655 (CIP)
12 Nov/nov 1996 (12.11.1996)
- (71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, LaJolla, CA 92037 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MADISON, Edwin, L.** [US/US]; 615 Stratford Court No. 3, Del Mar, CA 92014 (US).
- (74) **ZIMMERMAN, Roger**; 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21321** (13) A1

(21) PCT/US97/20831

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/748,130 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/943,586 (32) **3 Oct/oct 1997 (03.10.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/10, C12Q 1/68, C12N 5/10, 9/50

(54) METHOD FOR IDENTIFYING TRANSLATIONALLY REGULATED GENES
PROCEDE D'IDENTIFICATION DES GENES REGULES PAR TRADUCTION

(71) **QBI ENTERPRISES LTD.** [IL/IL]; Weizmann Scientific Park, P.O. Box 741, 74106 Nes-Ziona (IL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **KOHN, Kenneth, I.** [US/US]; 6761 Alderley Way, West Bloomfield, MI 48322 (US).
(only for / seulement pour MW)

(72, 75) **LURIA, Sylvie** [IL/IL]; Habanim 113/17, 70100 Nes-Ziona (IL). **EINAT, Paz** [IL/IL]; Neve Nir 1/27, 74042 Nes-Ziona (IL). **HARRIS, Nicholas** [IL/IL]; Hanasi Harishon 14/17, 76302 Rehovot (IL). **SKALITER, Rami** [IL/IL]; Habanim 117/10, 74037 Nes-Ziona (IL). **GROSMAN, Zehava** [IL/IL]; 20 Taran Street, 76248 Rehovot (IL).

(74) **KOHN, Kenneth, I.** et al. / etc.; Kohn & Associates, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI 48334 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21322** (13) A1

(21) PCT/DE97/02704

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 48 625.4 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/11, 15/89, A61K 48/00

(54) DESIGN PRINCIPLE FOR CONSTRUCTING EXPRESSION CONSTRUCTS FOR GENE THERAPY
PRINCIPE DE CONCEPTION POUR ELABORER DES CONSTRUCTIONS D'EXPRESSION EN GENOTHERAPIE

(71) **SOFT GENE GMBH** [DE/DE]; Offenbacher Strasse 5, D-14197 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WITTIG, Burghardt** [DE/DE]; Offenbacher Strasse 5, D-14197 Berlin (DE). **JUNGHANS, Claas** [DE/DE]; Guerickestrasse 1 a, D-10587 Berlin (DE).

(74) **BOECKH, Tobias**; Vinck & Hertin, Umlandstrasse 173/174, D-10719 Berlin (DE).

(81) AU BR CA CU CZ DE EE HU IL JP KR LT LV MX NZ PL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/21323** (13) A2

(21) PCT/US97/20590

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/745,485 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/11, A61K 31/70, C07H 21/00

(54) REVERSAL OF DRUG RESISTANCE THROUGH OLIGONUCLEOTIDE COMPLEMENTARY TO PLASMODIUM FALCIPARUM SPECIFIC REGION
INVERSION DE RESISTANCE AUX MEDICAMENTS PAR L'INTERMEDIAIRE D'UN OLIGONUCLEOTIDE COMPLEMENTAIRE D'UNE REGION SPECIFIQUE DE PLASMODIUM FALCIPARUM

(71) **HYBRIDON, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US). **WORCESTER FOUNDATION FOR BIOMEDICAL RESEARCH** [US/US]; 222 Maple Avenue, Shrewsbury, MA 01545 (US).

(72) **BAKER, Robert, H., Jr.**; 47 Eliot Street, Canton, MA 02021 (US). **RAPAPORT, Eliezer**; 14 Prentiss Lane, Belmont, MA 02178 (US). **ZAMECNIK, Paul, C.**; 29 Lebeaux Drive, Shrewsbury, MA 01545 (US).

(74) **KERNER, Ann-Louise** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21324** (13) A1

(21) PCT/US97/20598

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/747,221 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/11, 15/52, 15/55, 15/63, C07K 14/435, C12P 21/00

(54) NOVEL CARBOXYLESTERASE NUCLEIC ACID MOLECULES, PROTEINS AND USES THEREOF
NOUVELLES MOLECULES D'ACIDE NUCLEIQUE DE CARBOXYLESTERASE, PROTEINES ET LEURS UTILISATIONS

(63) US 08/747,221 (CIP)
12 Nov/nov 1996 (12.11.1996)

(71) **HESKA CORPORATION** [US/US]; 1825 Sharp Point Drive, Fort Collins, CO 80525 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SILVER, Gary, M.** [US/US]; 1424 Fleetwood Court, Fort Collins, CO 80521 (US). **WISNEWSKI, Nancy** [US/US]; 4219 Beaver Creek Drive, Fort Collins, CO 80526 (US). **BRANDT, Kevin, S.** [US/US]; 706 Walnut Street, Windsor, CO 80550 (US).

(74) **ROTHENBERGER, Scott, D.** 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 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).

Published / Publiée : (c)

(11) **WO 98/21325** (13) A1

(21) PCT/US97/21214

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/752,447 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/11, C07K 16/28, C12N 15/10, 5/20, G01N 33/533, 33/577, 33/569

(54) METHODS AND REAGENTS FOR PREPARING AND USING IMMUNOLOGICAL AGENTS SPECIFIC FOR P-GLYCOPROTEIN
PROCEDES ET REACTIFS SERVANT A PREPARER ET A UTILISER DES AGENTS IMMUNOLOGIQUES SPECIFIQUES POUR LA GLYCOPROTEINE P

(71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801 (US). **INGENEX, INC.** [US/US]; 1505-B O'Brien Drive, Menlo Park, CA 94025 (US).

(72) **MECHETNER, Eugene**; 11 South Santa Teresita, Irvine, CA 92606 (US). **RONINSON, Igor, B.**; 2731 Lincoln Lane, Wilmette, IL 60091 (US).

(74) **NOONAN, Kevin, E.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).

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

Published / Publiée : (c)

(11) **WO 98/21326** (13) A2

(21) PCT/EP97/06268

(22) **11 Nov/nov 1997 (11.11.1997)**

- (25) en (26) en
 (31) 96118297.9 (32) **14 Nov/nov 1996** (33) EP
 (14.11.1996)
 (34) DE et al. / etc.
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C12N 15/12, C07K 14/47, C12Q 1/68, 1/00
 (54) METHODS FOR PRODUCING THE ANAPHASE
 PROMOTING COMPLEX
 PROCEDES DE PRODUCTION D'UN COM-
 PLEXE STIMULANT L'ANAPHASE
 (71) **BOEHRINGER INGELHEIM INTERNATIO-
 NAL GMBH** [DE/DE]; Postfach 200, D-55216 In-
 gelheim am Rhein (DE).
*(for all designated States except / pour tous les États
 désignés sauf US)*
 (72, 75) **NASMYTH, Kim** [GB/AT]; Sonnenfelsgasse
 5/13, A-1010 Wien (AT). **ZACHARIAE, Wolf-
 gang** [DE/AT]; Eduard Poetzel-Gasse 3-7/26,
 A-1190 Wien (AT). **GALOVA, Marta** [SK/AT];
 Kolschitzkygasse 14-18/4/3, A-1040 Wien (AT).
 (74) **BOEHRINGER INGELHEIM INTERNATIO-
 NAL GMBH**; Postfach 200, D-55216 Ingelheim
 am Rhein (DE).

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

(11) **WO 98/21327** (13) A1

(21) PCT/FR96/01775

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) fr (26) fr

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/12, C07K 14/47, C12N 15/62, A61K
 38/17, C07K 16/18, G01N 33/68, C12Q 1/68,
 C12N 15/86 // 15/11

(54) PEPTIDES CAPABLE OF INHIBITING THE
 ENDOCYTOSIS OF THE APP AND COR-
 RESPONDING NUCLEOTIDE SEQUENCES
 PEPTIDES CAPABLES D'INHIBER
 L'ENDOCYTOSE DE L'APP ET SEQUENCES
 NUCLEOTIDIQUES CORRESPONDANTES

(71) **RHÔNE-POULENC RORER S.A.** [FR/FR]; 20,
 avenue Raymond Aron, F-92160 Antony (FR).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **MERKEN, Luc** [FR/FR]; 14, avenue de Main-
 ville, F-94100 Saint Maur (FR). **FOURNIER,
 Alain** [FR/FR]; 28, avenue Roger Salengro,
 F-92000 Châtenay Malabry (FR).

(74) **LE COUPANEC, Pascale**; Rhône-Poulenc Rorer
 S.A., Direction Brevets, 20, avenue Raymond Aron,
 F-92165 Antony Cedex (FR).

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

(11) **WO 98/21328** (13) A2

(21) PCT/JP97/04056

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 8/301429 (32) **13 Nov/nov 1996** (33) JP
 (13.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/12, C07K 14/705, C12N 5/10, 15/57,
 9/48, 9/14, 15/55

(54) HUMAN PROTEINS HAVING TRANSMEM-
 BRANE DOMAINS AND DNAS ENCODING
 THESE PROTEINS

PROTEINES HUMAINES POSSEDANT DES
 DOMAINES DE TRANSMEMBRANE ET ADN
 CODANT CES PROTEINES

(71) **SAGAMI CHEMICAL RESEARCH CENTER**
 [JP/JP]; 4-1, Nishi-Ohnuma 4-chome, Sagami-
 hara-shi, Kanagawa 229 (JP). **PROTEGENE INC.**
 [JP/JP]; 2-20-3, Naka-cho, Meguro-ku, Tokyo
 153 (JP).
*(for all designated States except / pour tous les États
 désignés sauf US)*

(72, 75) **KATO, Seishi** [JP/JP]; 3-46-50, Wakamatsu,
 Sagami-hara-shi, Kanagawa 229 (JP). **SEKINE,
 Shingo** [JP/JP]; 4-4-1, Nishi-Ohnuma, Sagami-
 hara-shi, Kanagawa 229 (JP). **YAMAGUCHI,
 Tomoko** [JP/JP]; 5-13-11, Takasago, Katsu-
 shika-ku, Tokyo 125 (JP). **KOBAYASHI, Midori**
 [JP/JP]; 647-2, Chougo, Fujisawa-shi, Kanagawa
 252 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama &
 Partners, IMP Building, 3-7, Shiromi 1-chome,
 Chuo-ku, Osaka-shi, Osaka 540 (JP).

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

(11) **WO 98/21329** (13) A1

(21) PCT/US97/20651

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/749,288 (32) **14 Nov/nov 1996** (33) US
 (14.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/12, C07K 14/47, C12Q 1/68, C07K
 16/18

(54) NOVEL HUMAN PAROTID SECRETORY PRO-
 TEIN
 NOUVELLE PROTEINE SECRETOIRE DE
 PAROTIDES HUMAINES

(63) US 08/749,288 (CIP)
 14 Nov/nov 1996 (14.11.1996)

(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 Ave-
 nue, Mountain View, CA 94043 (US). **GOLI, Su-
 rya, K.** [IN/US]; 620 Iris Avenue #338, Sunnyvale,
 CA 94086 (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 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 98/21330** (13) A1

(21) PCT/US97/20662

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,513 (32) **15 Nov/nov 1996** (33) US
 (15.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/12, C07K 14/52, C12N 1/19, 1/21,
 5/10, 5/20, C07K 16/24, A61K 38/19

(54) EXODUS CHEMOKINE MATERIALS AND ME-
 THODS

MATERIAUX ET PROCEDES DESTINES A LA
 CHEMOKINE EXODUS

(71) **INDIANA UNIVERSITY FOUNDATION**
 [US/US]; P.O. Box 1847, Bloomington, IN 47402
 (US).

(72) **HROMAS, Robert**; 8103 Salt Fork Way, India-
 napolis, IN 46256 (US).

(74) **RIN-LAURES, Li-Hsien**; Marshall, O'Toole,
 Gerstein, Murray & Borun, 6300 Sears Tower,
 233 South Wacker Drive, Chicago, IL 60606-6402
 (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 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 98/21331** (13) A1

(21) PCT/US97/20674

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/747,547 (32) **12 Nov/nov 1996** (33) US
 (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/12, C07K 14/47, 16/18, C12Q 1/68,
 G01N 33/574, 33/68, A61K 38/17

(54) HUMAN BREAST TUMOR-SPECIFIC PRO-
 TEINS
 PROTEINES HUMAINES SPECIFIQUES DE TU-
 MEUR DU SEIN

(63) US 08/747,547 (CIP)
 12 Nov/nov 1996 (12.11.1996)

(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) **AKERBLOM, Ingrid, E.** [US/US]; 1234
 Johnson Street, Redwood City, CA 94061 (US).
HILLMAN, Jennifer, L. [US/US]; 230 Monroe
 Drive #12, Mountain View, CA 94040 (US).
MURRY, Lynn, E. [US/US]; 1124 Los Trancos
 Road, Portola Valley, CA 94028 (US). **GOLI, Su-
 rya, K.** [IN/US]; 620 Iris Avenue #338, Sunnyvale,
 CA 94086 (US). **HAWKINS, Phillip, R.** [US/US];
 750 N. Shoreline Boulevard #96, Mountain View,
 CA 94034 (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 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 98/21332** (13) A2

(21) PCT/US97/20740

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,745 (32) **15 Nov/nov 1996** (33) US
 (15.11.1996)

(31) 08/867,678 (32) **2 Jun/juin 1997** (33) US
 (02.06.1997)

- (31) 08/969,515 (32) **13 Nov/nov 1997** (33) US (13.11.1997)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C12N 15/12, 5/10, C07K 14/47, C12Q 1/68, A61K 38/17
- (54) SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
PROTEINES SECRETES ET POLYNUCLEOTIDES LES CODANT
- (71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).
- (72) **JACOBS, Kenneth**; 151 Beaumont Avenue, Newton, MA 02160 (US). **MCCOY, John, M.**; 56 Howard Street, Reading, MA 01867 (US). **LAVALLIE, Edward, R.**; 90 Green Meadow Drive, Tewksbury, MA 01876 (US). **RACIE, Lisa, A.**; 124 School Street, Acton, MA 01720 (US). **MERBERG, David**; 2 Orchard Drive, Acton, MA 01720 (US). **TREACY, Maurice**; 93 Walcott Road, Chestnut Hill, MA 02167 (US). **SPAUDING, Vikki**; 11 Meadowbank Road, Billerica, MA 01821 (US). **AGOSTINO, Michael, J.**; 26 Wolcott Avenue, Andover, MA 01810 (US).
- (74) **SPRUNGER, Suzanne, A.**; Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/21333** (13) A2
- (21) PCT/US97/21005
- (22) **14 Nov/nov 1997** (14.11.1997)
- (25) en (26) en
- (31) 60/030,987 (32) **15 Nov/nov 1996** (33) US (15.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C12N 15/12, 15/11, C07K 14/47, 16/18, C12Q 1/68, A01K 67/00, G01N 33/68, A61K 48/00
- (54) NUCLEIC ACID ENCODING SCHWANNOMIN-BINDING-PROTEINS AND PRODUCTS RELATED THERETO
ACIDE NUCLEIQUE CODANT DES PROTEINES DE FIXATION DE LA SCHWANNOMINE ET PRODUITS ASSOCIES
- (71) **CEDARS-SINAI MEDICAL CENTER** [US/US]; 8700 Beverly Boulevard, Los Angeles, CA 90048-1865 (US).
- (72) **PULST, Stefan, M.**; 8125 Skyline Drive, Los Angeles, CA 90046 (US). **SCOLES, Daniel, R.**; Apartment 105, 10882 Rose Avenue, Los Angeles, CA 90034 (US).
- (74) **RAMOS, Robert, T.** et al. / etc.; Campbell & Flores LLP, Suite 700, 4370 La Jolla Village Drive, San Diego, CA 92122 (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 98/21334** (13) A2
- (21) PCT/US97/21177
- (22) **13 Nov/nov 1997** (13.11.1997)
- (25) en (26) en
- (31) 60/030,428 (32) **13 Nov/nov 1996** (33) US (13.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C12N 15/12, C07K 16/28, 14/705, C12N 5/20, 5/08, C07K 17/00, G01N 33/574, 33/577, A61K 39/395, 47/48, 48/00
- (54) ANTIBODY MGI RECOGNIZING A SMALL SUBSET OF HUMAN HEMATOPOIETIC CELLS ANTICORPS MGI RECONNAISSANT UN PETIT SOUS-ENSEMBLE DE CELLULES HEMATOPOIETIQUES HUMAINES
- (71) **MORPHOGENESIS, INC.** [US/US]; 12085 Research Drive, Alachua, FL 32615 (US).
- (72) **LAWMAN, Michael**; 5327 N.W. 31st Lane, Gainesville, FL 32606 (US). **LAWMAN, Patricia**; 5327 N.W. 31st Lane, Gainesville, FL 32606 (US).
- (74) **PACE, Doran, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 N.W. 41st Street, Gainesville, FL 32606-6669 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA 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 98/21335** (13) A1
- (21) PCT/US97/18151
- (22) **7 Oct/oct 1997** (07.10.1997)
- (25) en (26) en
- (31) 08/749,169 (32) **14 Nov/nov 1996** (33) US (14.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C12N 15/18, C07K 14/475, C12N 15/62, A61K 38/18, C07K 16/22 // 14/51
- (54) CHORDIN COMPOSITIONS
COMPOSITIONS DE CHORDINE
- (71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAVALLIE, Edward, R.** [US/US]; 90 Green Meadow Drive, Tewksbury, MA 01876 (US). **RACIE, Lisa, A.** [US/US]; 124 School Street, Acton, MA 01720 (US). **DEROBERTIS, Edward, M.** [US/US]; 16958 Dulce Ynez Lane, Pacific Palisades, CA 90272 (US).
- (74) **LAZAR, Steven, R.**; Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).
-
- Published / Publiée : (m) : 28 Nov/nov 1997 (28.11.1997)
- (11) **WO 98/21336** (13) A2
- (21) PCT/DE97/02617
- (22) **5 Nov/nov 1997** (05.11.1997)
- (25) de (26) de
- (31) 196 47 697.6 (32) **8 Nov/nov 1996** (33) DE (08.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C12N 15/29, 15/82, A01H 5/00, C07K 14/415
- (54) METHOD FOR GENETIC CONTROL OF SEED MATURATION
PROCEDE DE CONTROLE GENETIQUE DE LA MATURATION DE SEMENCES DANS DES PLANTES
- (71) **INSTITUT FÜR PFLANZENGENETIK UND KULTURPFLANZENFORSCHUNG** [DE/DE]; Corrensstrasse 3, D-06466 Gatersleben (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LUERSSSEN, Hartmut** [DE/DE]; Gartensstrasse 1, D-06458 Wedderstedt (DE). **MISÉRA, Simon** [DE/DE]; Halberstädter Strasse 12, D-06484 Quedlinburg (DE).
- (74) **BAUMBACH, Fritz**; BioTez Berlin-Buch GmbH, Patentstelle, Robert-Rössle-Strasse 10, D-13125 Berlin (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21337** (13) A2
- (21) PCT/US97/20586
- (22) **12 Nov/nov 1997** (12.11.1997)
- (25) en (26) en
- (31) 60/029,444 (32) **12 Nov/nov 1996** (33) US (12.11.1996)
- (31) 60/038,086 (32) **18 Feb/fév 1997** (33) US (18.02.1997)
- (31) 60/059,368 (32) **19 Sep/sep 1997** (33) US (19.09.1997)
- (31) 60/062,473 (32) **16 Oct/oct 1997** (33) US (16.10.1997)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C12N 15/31, 1/21, C07K 14/315, 16/12, A61K 39/09, 39/40
- (54) C3 BINDING PROTEIN OF *STREPTOCOCCUS PNEUMONIAE*
PROTEINE DE LIAISON C3 DE *STREPTOCOCCUS PNEUMONIAE*
- (71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; Morrill Hall, 100 Church Street S.E., Minneapolis, MN 55455 (US). (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **HOSTETTER, Margaret, K.** [US/US]; 1832 Kenwood Parkway, Minneapolis, MN 55405 (US). **CHENG, Qi** [CN/US]; 11240 48th Avenue North, Plymouth, MN 55442 (US). **FINKEL, David, J.** [US/US]; Apartment 3, 414 S.E. Erie Street, Minneapolis, MN 55414 (US). **SMITH, Beverly** [US/US]; 1973 Sheridan Avenue South, Minneapolis, MN 55405 (US).
- (74) **MCCORMACK, Myra, H.**; Mueting, Raasch, Gebhardt & Schwappach, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21338** (13) A1
(21) PCT/US97/05096
(22) **25 Mar/mar 1997 (25.03.1997)**
(25) en (26) en
(31) 60/030,238 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 15/40, C07K 14/18, A61K 39/29, C07K 16/10, G01N 33/569, C12N 5/10
(54) SYNTHESIS AND PURIFICATION OF HEPATITIS C VIRUS-LIKE PARTICLES
SYNTHESE ET PURIFICATION DE PARTICULES DE TYPE VIRUS DE L'HEPATITE C
(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LIANG, T., Jake** [US/US]; 9417 Lost Trail Way, Potomac, MD 20854 (US). **BAUMERT, Thomas, F.** [US/US]; Apartment 2, 4867 Battery Lane, Bethesda, MD 20814 (US).
(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (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 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; 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 : (a)
(11) **WO 98/21339** (13) A1
(21) PCT/US97/20292
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 60/030,601 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 15/53, 15/55, 15/60, C12P 7/18, C12N 9/04, 9/16, 9/88
(54) METHOD FOR THE PRODUCTION OF 1,3-PROPANEDIOL BY RECOMBINANT ORGANISMS
PROCEDE DE PRODUCTION DE 1,3-PROPANEDIOL PAR DES ORGANISMES RECOMBINES
(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). **GENENCOR INTERNATIONAL, INC.** [US/US]; 4 Cambridge Place, 1870 Winton Road, Rochester, NY 14618 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GATENBY, Anthony, Arthur** [US/US]; 2309 Baynard Boulevard, Wilmington, DE 19802 (US). **HAYNIE, Sharon, Loretta** [US/US]; 963 North Randolph Street, Philadelphia, PA 19123 (US). **NAGARAJAN, Vasantha** [US/US]; 13 Dickinson Lane, Wilmington, DE 19807 (US). **NAIR, Ramesh, V.** [US/US]; 905-D Cloister Road, Wilmington, DE 19809 (US). **NAKAMURA, Charles, E.** [US/US]; 2 Mount Vernon Drive, Claymont, DE 19703 (US). **PAYNE, Mark, Scott** [US/US]; 2408 Newell Drive, Wilmington, DE 19808 (US). **PICATAGGIO, Stephen, Kenneth** [US/US]; 17 Meadow Wood Lane, Landenberg, PA 19350 (US). **DIAS-TORRES, Maria** [ES/US]; 58 N. El Camino Real #118, San Mateo, CA 94401 (US). **HSU, Amy, Kuang-Hua** [CN/US]; 528 Keelson Circle, Redwood City, CA 94065 (US). **LAREAU, Richard, D.** [US/US]; 197A Easy Street, Mountain View, CA 94043 (US). **TRIMBUR, Donald, E.** [US/US]; 349 Orchard Avenue, Redwood City, CA 94601 (US). **WHITED, Gregory, M.** [US/US]; 304 South Road, Belmont, CA 94002 (US).
(74) **FLOYD, Linda, A.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
(81) AU BR CA CN ID IL JP KR MX SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
(11) **WO 98/21340** (13) A1
(21) PCT/US97/20293
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 60/030,602 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 15/53, 15/55, C12P 7/20, C12N 1/15, 1/19, 1/21, 9/04, 9/16
(54) METHOD FOR THE PRODUCTION OF GLYCEROL BY RECOMBINANT ORGANISMS
PROCEDE DE PRODUCTION DE GLYCEROL PAR DES ORGANISMES RECOMBINES
(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). **GENENCOR INTERNATIONAL, INC.** [US/US]; 4 Cambridge Place, 1870 Winton Road, Rochester, NY 14618 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BULTHUIS, Ben, A.** [NL/NL]; Einsteinweg 101, Postbus 251, NL-2300 AG Leiden (NL). **GATENBY, Anthony, Arthur** [US/US]; 2309 Baynard Boulevard, Wilmington, DE 19802 (US). **HAYNIE, Sharon, Loretta** [US/US]; 963 North Randolph Street, Philadelphia, PA 19123 (US). **HSU, Amy, Kuang-Hua** [US/US]; 528 Keelson Circle, Redwood City, CA 94065 (US). **LAREAU, Richard, D.** [US/US]; 197A Easy Street, Mountain View, CA 94043 (US).
(74) **FLOYD, Linda, A.**; E.I. du Pont de Nemours and Company, Legal Patent Record Center, 1007 Market Street, Wilmington, DE 19898 (US).
(81) AU BR CA CN ID IL JP KR MX SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
(11) **WO 98/21341** (13) A2
(21) PCT/US97/20873
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 60/030,601 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 15/53, 15/55, 15/60, C12P 7/18, C12N 9/04, 9/16, 9/88
(54) METHOD FOR THE RECOMBINANT PRODUCTION OF 1,3-PROPANEDIOL
PROCEDE DE PRODUCTION PAR RECOMBINAISON DE 1,3-PROPANEDIOL
(63) US 60/030,601 (CIP)
Not furnished / non communiqué
(71) **GENENCOR INTERNATIONAL, INC.** [US/US]; 4 Cambridge Place, 1870 South Winton Road, Rochester, NY 14618 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DUNN-COLEMAN, Nigel, S.** [GB/US]; 142 Johnson Avenue, Los Gatos, CA 95032 (US). **DIAS-TORRES, Maria** [ES/US]; 58 North El Camino Real, San Mateo, CA 94401 (US). **CHASE, Matthew, W.** [US/US]; 2211-27 Hastings Drive, Belmont, CA 94002 (US). **TRIMBUR, Donald** [US/US]; 349 Orchard Avenue, Redwood City, CA 94601 (US).
(74) **GLAISTER, Debra, J.**; Genecor International, Inc., Page Mill Road, Palo Alto, CA 94304-1013 (US).
(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG 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).
Published / Publiée : (c)
(11) **WO 98/21342** (13) A1
(21) PCT/US97/18577
(22) **15 Oct/oct 1997 (15.10.1997)**
(25) en (26) en
(31) 60/031,266 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 15/54, 15/86, 9/12, 5/10, C12Q 1/48, C07K 16/40, A61K 38/45
(54) NUCLEIC ACID SEQUENCES THAT ENCODE A CELL GROWTH REGULATORY PROTEIN AND USES THEREOF
SEQUENCES D'ACIDE NUCLEIQUE CODANT UNE PROTEINE DE REGULATION DE LA PROLIFERATION CELLULAIRE ET LEURS UTILISATIONS
(71) **ONYX PHARMACEUTICALS, INC.** [US/US]; 3031 Research Drive, Richmond, CA 94806 (US).
(72) **BOOHER, Robert, N.**; 1720 Funston Avenue, San Francisco, CA 94122 (US). **FATTAEY, Ali**; Apartment 202, 1770 Green Street, San Francisco, CA 94123 (US).
(74) **GIOTTA, Gregory**; Onyx Pharmaceuticals, Inc., 3031 Research Drive, Richmond, CA 94806 (US).
(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).
Published / Publiée : (c)
(11) **WO 98/21343** (13) A1
(21) PCT/US97/21248
(22) **13 Nov/nov 1997 (13.11.1997)**

- (25) en (26) en (31) 08/747,919 (32) **12 Nov/nov 1996** (33) US (11) **WO 98/21347** (13) A1
(12.11.1996)
(21) PCT/US97/20793
(31) 08/871,189 (32) **15 Nov/nov 1996** (33) US (22) **14 Nov/nov 1997** (14.11.1997)
(15.11.1996)
(25) en (26) en
(31) 08/873,039 (32) **11 Jun/juin 1997** (33) US (31) 60/031,272 (32) **15 Nov/nov 1996** (33) US
(11.06.1997) (15.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(31) 08/951,733 (32) **16 Oct/oct 1997** (33) US (43) 22 May/mai 1998 (22.05.1998)
(16.10.1997)
(51)⁶ C12N 15/54, 9/12, C12Q 1/68, 1/48, C12N
15/11, 15/85, A01K 67/027, C07K 16/40, A61K
38/45, 31/70, C12N 1/21, 1/19 (51)⁶ C12N 15/70, C12Q 1/02, 1/68, 1/66
(54) GENES ENCODING TELOMERASE PROTEINS
GENES CODANT DES PROTEINES DE TELO-
MERASE (54) A SMALL VOLUME, HIGHLY SENSITIVE METH-
OD FOR DETECTING ENVIRONMENTAL
INSULTS
PROCEDE TRES SENSIBLE DE DETECTION
SUR DE FAIBLES VOLUMES DES ATTEINTES
A L'ENVIRONNEMENT
(71) **AMGEN INC.** [US/US]; Amgen Center, 1840 De
Havilland Drive, Thousand Oaks, CA 91320-1789
(US). **AMGEN CANADA INC.** [CA/CA]; Suite
303, 6733 Mississauga Road, Mississauga, Ontario
L5N 6J5 (CA). (71) **E.I. DU PONT DE NEMOURS AND COM-
PANY** [US/US]; 1007 Market Street, Wilmington,
DE 19898 (US).
(for all designated States except / pour tous les États
désignés sauf US)
(72, 75) **LAROSSA, Robert, Alan** [US/US]; 672 Kadar
Drive, West Chester, PA 19382 (US). **SCOLNIK,
Pablo, Ariel** [US/US]; 101 Bayview Drive, Chapel
Hill, NC 27516 (US).
(74) **FLOYD, Linda, A.**; E.I. du Pont de Nemours
and Company, Legal/Patent Records Center, 1007
Market Street, Wilmington, DE 19898 (US).
(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
- (25) en (26) en (31) 08/747,919 (32) **12 Nov/nov 1996** (33) US (11) **WO 98/21348** (13) A1
(12.11.1996)
(21) PCT/US97/20660
(31) 08/871,189 (32) **15 Nov/nov 1996** (33) US (22) **12 Nov/nov 1997** (12.11.1997)
(15.11.1996)
(25) en (26) en
(31) 08/873,039 (32) **11 Jun/juin 1997** (33) US (31) 08/747,246 (32) **12 Nov/nov 1996** (33) US
(11.06.1997) (15.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(31) 08/951,733 (32) **16 Oct/oct 1997** (33) US (43) 22 May/mai 1998 (22.05.1998)
(16.10.1997)
(51)⁶ C12N 15/54, 9/12, C12Q 1/68, 1/48, C12N (51)⁶ C12N 15/82, 15/12, 15/62, 5/10, C07K 14/485,
15/11, 15/85, A01K 67/027, C07K 16/40, A61K A01H 5/00, C07K 16/16
38/45, 31/70, C12N 1/21, 1/19 (54) ENHANCED TRANSPORT WITH A PLASTID
MEMBRANE TRANSPORT PROTEIN
AMELIORATION DU TRANSPORT GRACE A
UNE PROTEINE DE TRANSPORT DE MEM-
BRANE DE PLASTE
(63) US 08/747,788 (CIP)
14 Nov/nov 1996 (14.11.1996)
(54) **THE GENERAL HOSPITAL CORPORATION**
[US/US]; 55 Fruit Street, Boston, MA 02114 (US).
EUNICE KENNEDY SHRIVER CENTER FOR
MENTAL RETARDATION, INC. [US/US]; 200
Trapelo Road, Waltham, MA 02154-6319 (US). (71) **QUEEN'S UNIVERSITY AT KINGSTON**
[CA/CA]; Kingston, Ontario K7L 3N6 (CA).
(for all designated States except / pour tous les États
désignés sauf US)
(72, 75) **KO, Kenton** [CA/CA]; 1097 Lincoln Drive,
Kingston, Ontario K7M 4Z5 (CA). **PANG, Peng**
[CN/CA]; Apartment 911, 3440 Durocher Street,
Montreal, Quebec H2X 2E2 (CA).
(74) **STEEG, Carol, Miernicki** et al. / etc.; Parteq
Innovations, Queen's University, Kingston, Ontario
K7L 3N6 (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 ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX 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).
Published / Publiée : (c)
- (25) en (26) en (31) 08/747,788 (32) **14 Nov/nov 1996** (33) US (11) **WO 98/21345** (13) A1
(14.11.1996)
(21) PCT/US97/20422
(22) **12 Nov/nov 1997** (12.11.1997)
(25) en (26) en
(31) 08/747,410 (32) **12 Nov/nov 1996** (33) US (21) PCT/US97/20422
(12.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(31) 08/747,410 (32) **12 Nov/nov 1996** (33) US (22) **12 Nov/nov 1997** (12.11.1997)
(12.11.1996)
(25) en (26) en
(31) 08/747,410 (32) **12 Nov/nov 1996** (33) US (25) en (26) en
(12.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(31) 08/747,410 (32) **12 Nov/nov 1996** (33) US (31) 08/747,246 (32) **12 Nov/nov 1996** (33) US
(12.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ C12N 15/62, 15/31, C07K 14/245, 14/575, A61K (51)⁶ C12N 15/82, 15/12, 15/62, 5/10, C07K 14/485,
38/22, 39/108 A01H 5/00, C07K 16/16
(54) CHIMERIC LTB VACCINES
VACCINS LTB CHIMERES (54) METHOD OF PRODUCING HUMAN GROWTH
FACTORS FROM WHOLE PLANTS OR PLANT
CELL CULTURES
PROCEDE DE PRODUCTION FACTEURS
DE CROISSANCE HUMAIN A PARTIR DE
PLANTES ENTIERES OU DE CULTURES DE
CELLULES VEGETALES
(71) **BATTELLE MEMORIAL INSTITUTE**
[US/US]; Pacific Northwest Division, Intel-
lectual Property Services, P.O. Box 999, Richland,
WA 99352 (US). (71) **HOOKER, Brian, S.**; 2525 W. Grand Ronde #14,
Kennewick, WA 99336 (US). **DAI, Ziyu**; Apart-
ment D-5, 1621 George Washington Way, Ri-
chland, WA 99352 (US). **GAO, Jianwei**; 506
Snyder Road, Richland, WA 99352 (US). **KING-
SLEY, Mark, T.**; 531 North Reed Street, Kenne-
wick, WA 99336 (US). **WELLER, Richard, E.**;
50 Herlou Place, Selah, WA 98942 (US).
(74) **ZIMMERMAN, Paul, W.**; Battelle Memorial In-
stitute, Pacific Northwest Division, Intellectual Pro-
perty Services, (KI-53), P.O. Box 999, Richland,
WA 99352 (US).
(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).
Published / Publiée : (c)
- (25) en (26) en (31) 08/747,788 (32) **14 Nov/nov 1996** (33) US (11) **WO 98/21349** (13) A1
(14.11.1996)
(21) PCT/FR97/01992

(22) 6 Nov/nov 1997 (06.11.1997)

(25) fr (26) fr

(31) 96/13691 (32) 8 Nov/nov 1996 (08.11.1996) (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/85, 15/86, C07K 14/775

(54) NOVEL CONSTRUCTS AND VECTORS FOR THE TARGETED AND INDUCIBLE EXPRESSION OF GENES
NOUVELLES CONSTRUCTIONS ET VECTEURS POUR L'EXPRESSION CIBLEE ET INDUCTIBLE DE GENES

(71) RHONE-POULENC RORER S.A. [FR/FR]; Direction Brevets, 20, avenue Raymond Aron, F-92160 Antony (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAHFOUDI, Abderrahim [FR/FR]; 42, rue des Pastoureaux, F-94440 Marolles en Brie (FR).
BENOIT, Patrick [FR/FR]; 24, rue Jonquay, F-75014 Paris (FR).
BRANELLEC, Didier [FR/FR]; 39, avenue de Sébastopol, F-94210 La Varenne Saint-Hilaire (FR).
DENEFE, Patrice [FR/FR]; 45, avenue des Fusillés de Chateaubriand, F-94100 Saint Maur (FR).
DUVERGER, Nicolas [FR/FR]; 1, rue Martel, F-75010 Paris (FR).
BERTHOU, Laurence [FR/FR]; 5, allée du Parc de Choisy, F-75013 Paris (FR).
AÜWERX, Johan [FR/FR]; 60, route de Hasnon, F-59178 Millongosse (FR).
STAELS, Bart [BE/BE]; 41, rue J. Wautiers, B-7972 Quevaucamps (BE).

(74) DERNONCOUR, Roxane; Rhône-Poulenc Rorer S.A., Direction Brevets, 20, avenue Raymond Aron, F-92165 Antony Cedex (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA US UZ VN YU ZW; AP (GH 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 98/21350 (13) A1

(21) PCT/US97/20608

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 60/030,675 (32) 13 Nov/nov 1996 (13.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12N 15/86, 5/10, C07K 14/075, 14/39, 14/475, C12N 15/12

(54) DIMINISHING VIRAL GENE EXPRESSION BY PROMOTER REPLACEMENT
DIMINUTION D'UNE EXPRESSION GÉNIQUE VIRALE PAR REMPLACEMENT D'UN PROMOTEUR

(63) US 60/030,675 (CIP)
13 Nov/nov 1996 (13.11.1996)

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FANG, Bingliang [CN/US]; 8100 Cambridge 116, Houston, TX 77054 (US).
ROTH, Jack, A. [US/US]; 2324 Bolslover, Houston, TX 77005 (US).

(74) HIGHLANDER, Steven, L.; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) WO 98/21351 (13) A2

(21) PCT/US97/20896

(22) 14 Nov/nov 1997 (14.11.1997)

(25) en (26) en

(31) 08/749,982 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12P

(54) PROCESS OF SEPARATION OF CELLS FROM LIQUID BY ADSORPTION ONTO FIBER MEDIATED BY MICROBIAL POLYSACCHARIDES, METHOD AND APPARATUS OF PRODUCING MICROBIAL POLYSACCHARIDES USING CELLS IMMOBILIZED ON FIBERS
PROCEDE DE SEPARATION DE CELLULES D'AVEC UN MILIEU LIQUIDE PAR ADSORPTION SUR DES FIBRES INDUITE PAR DES POLYSACCHARIDES MICROBIENS, ET PROCEDE ET APPAREIL D'OBTENTION DE POLYSACCHARIDES MICROBIENS A L'AIDE DE CELLULES IMMOBILISEES SUR DES FIBRES

(71) THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US).

(72) YANG, Shang-Tian; 4734 Bridle Path Court, Dublin, OH 43017 (US).

(74) GILCREST, Roger, A.; Standley & Gilcrest, Suite 210, 495 Metro Place South, Dublin, OH 43017-4315 (US).

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

(11) WO 98/21352 (13) A1

(21) PCT/US97/20755

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(31) 08/746,667 (32) 14 Nov/nov 1996 (14.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12P 19/34, C12N 15/63

(54) A METHOD FOR GENERATING A DIRECTED, RECOMBINANT FUSION NUCLEIC ACID
PROCEDE POUR PRODUIRE UN ACIDE NUCLEIQUE DE RECOMBINAISON PAR FUSION DIRIGEE

(63) US 08/746,667 (CIP)
14 Nov/nov 1996 (14.11.1996)

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROTHSTEIN, Rodney [US/US]; 18 Warner Road, Maplewood, NJ 07040 (US).

(74) WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

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

(11) WO 98/21353 (13) A1

(21) PCT/SE97/01805

(22) 29 Oct/oct 1997 (29.10.1997)

(25) en (26) en

(31) 9604108-2 (32) 8 Nov/nov 1996 (08.11.1996) (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12P 21/00, C07K 1/04 // 1/13

(54) IN VITRO PRODUCTION OF PROTEINS BY TRANSLATION OF mRNA
PRODUCTION IN VITRO DE PROTEINES PAR TRADUCTION D'ARNm

(71, 72) EHRENBERG, Måns [SE/SE]; S:t Olofsgatan 24, S-751 21 Uppsala (SE).
PAVLOV, Michail [—/SE]; Kvarnbäcksgatan 1, S-754 20 Uppsala (SE).

(74) BERGANDER, Håkan et al. / etc.; Pharmacia & Upjohn AB, Patent Department, S-751 82 Uppsala (SE).

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

Published / Publiée : (c)

(11) WO 98/21354 (13) A1

(21) PCT/US97/20430

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 08/746,668 (32) 14 Nov/nov 1996 (14.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12P 21/06, C12N 15/00, 7/00, 7/04, A61K 39/21, 39/12, 39/275, A01N 63/00

(54) POXVIRUS-BASED EXPRESSION VECTORS CONTAINING HETEROLOGOUS INSERTS DERIVED FROM LENTIVIRUSES
VECTEURS D'EXPRESSION A BASE DE POXVIRUS CONTENANT DES INSERTS HETEROLOGUES DERIVES DE LENTIVIRUS

(71) VIROGENETICS CORPORATION [US/US]; Rensselaer Technology Park, 465 Jordan Road, Troy, NY 12180 (US).

(72) TARTAGLIA, James; 7 Christina Drive, Schenectady, NY 12303 (US).
PAOLETTI, Enzo; 297 Murray Avenue, Delmar, NY 12054 (US).

(74) SMITH, G., Kenneth; McDonnell, Boehnen, Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (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 98/21355 (13) A1

(21) PCT/US97/21662

(22) 17 Nov/nov 1997 (17.11.1997)

(25) en (26) en

(31) 60/030,935 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(31) 08/970,762 (32) 14 Nov/nov 1997 (14.11.1997) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12P 21/06, C12N 1/20, 15/00, C07K 1/00

(54) MUTANTS OF GREEN FLUORESCENT PROTEIN
MUTANTS DE LA PROTEINE FLUORESCENTE VERTE

(71) LIFE TECHNOLOGIES, INC. [US/US]; 9800 Medical Center Drive, Rockville, MD 20850 (US).

(72) EVANS, Krista; 12900 Churchill Ridge Circle #7, Germantown, MD 20874 (US).

(74) ESMOND, Robert, W. 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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/21356 (13) A1

(21) PCT/DK97/00508

(22) 7 Nov/nov 1997 (07.11.1997)

(25) en (26) en

(31) 1285/96 (32) 14 Nov/nov 1996 (33) DK (14.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12Q 1/00, C12N 11/02

(54) ENZYME SENSOR
CAPTEUR COMPORTANT DES ENZYMES

(71) RADIOMETER MEDICAL A/S [DK/DK]; Åkandevej 21, DK-2700 Brønshøj (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AHL, Thomas [DK/DK]; Vallerød Banevej 20, DK-2960 Rungsted Kyst (DK). BYRNARD, Allan, Milton [DK/DK]; Hollænderdybet 33, 5, DK-2300 Copenhagen S (DK).

(74) RADIOMETER MEDICAL A/S; Patent Dept., Åkandevej 21, DK-2700 Brønshøj (DK).

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

Published / Publiée : (c)

(11) WO 98/21357 (13) A1

(21) PCT/US97/20556

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(31) 60/030,594 (32) 13 Nov/nov 1996 (33) US (13.11.1996)

(31) 08/967,038 (32) 10 Nov/nov 1997 (33) US (10.11.1997)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12Q 1/00

(54) DETECTION AND QUANTITATION OF ENDOTOXIN BY FLUORESCENCE POLARIZATION
DETECTION ET QUANTIFICATION D'UNE ENDOTOXINE PAR POLARISATION DE FLUORESCENCE

(71) ASSOCIATES OF CAPE COD, INC. [US/US]; 704 Main Street, Falmouth, MA 02540 (US).

(72) NOVITSKY, Thomas, J.; 24 Perch Pond Circle, East Falmouth, MA 02536 (US). RIDGE, Richard, J.; 80 Burnham Drive, Falmouth, MA 02540 (US). SLOYER, Jack, L.; 25 Mashpee Road, Cotuit, MA 02635 (US).

(74) ESMOND, Robert, W. et al. / etc.; Sterne, Kessler, Goldstein & Fox, P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

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

Published / Publiée : (c)

(11) WO 98/21358 (13) A1

(21) PCT/US97/20745

(22) 14 Nov/nov 1997 (14.11.1997)

(25) en (26) en

(31) 60/030,940 (32) 15 Nov/nov 1996 (33) US (15.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12Q 1/00, 1/02

(54) HUNTINGTIN-RELATED THERAPEUTICS AND BIOASSAY
THERAPIE IMPLIQUANT HUNTINGTINE ET DOSAGE BIOLOGIQUE

(71) UNIVERSITY OF MASSACHUSETTS [US/US]; 18 Tremont Street, Boston, MA 02108 (US). THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) DiFIGLIA, Marian; University of Massachusetts, 18 Tremont Street, Boston, MA 02108 (US). ARO-NIN, Neil; The General Hospital Corporation, 55 Fruit Street, Boston, MA 02114 (US). VELIER, James; University of Massachusetts, 18 Tremont Street, Boston, MA 02108 (US).

(74) MEIKLEJOHN, Anita; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

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

(11) WO 98/21359 (13) A1

(21) PCT/US97/20987

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 08/747,536 (32) 12 Nov/nov 1996 (33) US (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12Q 1/00

(54) GLUTATHIONE S-TRANSFERASE (GST) GENES IN CANCER
GENES DE GLUTHATHION S-TRANSFERASE UTILES DANS LE TRAITEMENT DE CERTAINS CANCERS

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US). THE UNIVERSITY OF MISSISSIPPI [US/US]; University of Mississippi, University, MS 38677 (US).

(72) ALI-OSMAN, Francis; 5007 Cotter Lake Drive, Missouri City, TX 77459 (US). LOPEZ-BERESTEIN, Gabriel; 122 Bellaire Court, Bellaire, TX 77402 (US). BUOLAMWINI, John, K.; 1201 Beanland Drive, Oxford, MS 38655 (US). ANTOUN, Gamil; 8903 Sandstone Street, Houston, TX 77036 (US). LO, Hui-Wen; 731 Rolling Mill Drive, Sugarland, TX 77478 (US). KELLER, Charles; 4057 Woodfox, Houston, TX 77025 (US). AKANDE, Olanike; 7901 Cambridge #27, Houston, TX 77054 (US).

(74) HIGHLANDER, Steven, L.; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (US).

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

Published / Publiée : (c)

(11) WO 98/21360 (13) A1

(21) PCT/US97/18882

(22) 22 Oct/oct 1997 (22.10.1997)

(25) en (26) en

(31) 08/746,734 (32) 15 Nov/nov 1996 (33) US (15.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12Q 1/02

(54) AUTOMATED MICROBIOLOGICAL TESTING APPARATUS AND METHOD
PROCEDE ET APPAREIL DE TEST MICROBIOLOGIQUE AUTOMATISE

(71) GILES SCIENTIFIC, INC. [US/US]; 250 Mercer Street, New York, NY 10012 (US).

(72) GIBBS, David, L.; 250 Mercer Street, New York, NY 10012 (US). HSIA, Wei-Fang; 215-20 46th Avenue, Bayside, NY 11361 (US). WANG, Qi; 110 Morningside Drive #68, New York, NY 10027 (US).

(74) SUDOL, R., Neil; Coleman Sudol, LLP, 270 Madison Avenue, New York, NY 10016 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/21361 (13) A1

(21) PCT/CA97/00848

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 60/031,257 (32) 12 Nov/nov 1996 (33) US (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C12Q 1/68

(54) METHOD AND KIT FOR DIRECT ISOTHERMAL SEQUENCING OF NUCLEIC ACIDS
METHODE ET NECESSAIRE CORRESPONDANT POUR SEQUENCAGE ISOTHERMIQUE D'ACIDES NUCLEIQUES

(71) VISIBLE GENETICS INC. [CA/CA]; 700 Bay Street, Box 333, Toronto, Ontario M5G 1Z6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUNN, James, M. [CA/CA]; 117 Citadel Drive, Scarborough, Ontario M1K 2S8 (CA). DIGBY, Thomas, J. [CA/CA]; 388A Sunnyside Avenue, Toronto, Ontario M6R 2S1 (CA).

(74) DEETH WILLIAMS WALL; Suite 400, 150 York Street, Toronto, Ontario M5H 3S5 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

- (11) **WO 98/21362** (13) A2
 (21) PCT/EP97/06276
 (22) **11 Nov/nov 1997 (11.11.1997)**
 (25) de (26) de
 (31) 196 47 055.2 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C12Q 1/68
 (54) STABILIZED AQUEOUS NUCLEOSIDE TRIPHOSPHATE SOLUTION SOLUTIONS AQUEUSES STABILISEES DE TRIPHOSPHATES DE NUCLEOSIDES
 (71) **BOEHRINGER MANNHEIM GMBH** [DE/DE]; D-68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **IHLENFELDT, Hans-Georg** [DE/DE]; Rabenkopfstrasse 5, D-82393 Iffeldorf (DE). **SCHMIDT, Axel** [DE/DE]; Gudrunstrasse 18, D-80634 München (DE). **MÜHLEGGGER, Klaus** [DE/DE]; Römerstrasse 7, D-82398 Polling (DE). **LEITENBERGER, Volker** [DE/DE]; Tannensstrasse 20, D-82402 Seeshaupt (DE).
 (74) **BOEHRINGER MANNHEIM GMBH**; Patentabteilung, D-68298 Mannheim (DE).
 (81) AU CA CN CZ IL JP KR MX NZ PL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21363** (13) A1
 (21) PCT/US97/20759
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 08/749,430 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C12Q 1/68, A61K 38/17, 48/00
 (54) COMPOSITIONS AND METHODS FOR TREATING TYPE II DIABETES INVOLVING HNF-4 COMPOSITIONS ET THERAPIES UTILISABLES CONTRE LE DIABETE DE TYPE II LIE AU HNF-4
 (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 640 Memorial Drive, Cambridge, MA 02139 (US).
 (72) **GLUCKSMAN, Alexandra, M.**; 228 Powder House Boulevard, Somerville, MA 02144 (US). **THOMAS, Jeffrey**; 1 Kelly Road, Cambridge, MA 02139 (US).
 (74) **ARNOLD, Beth, E.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).
 (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21364** (13) A2
 (21) PCT/US97/20817
 (22) **13 Nov/nov 1997 (13.11.1997)**
 (25) en (26) en
 (31) 08/747,870 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C12Q 1/68, G01N 1/30, C12M 1/24, 1/10, 1/04

- (54) METHOD AND APPARATUS FOR PREPARING SAMPLE CARTRIDGES FOR A PARTICLE ACCELERATION DEVICE
 PROCEDE DE PREPARATION DE CARTOUCHES D'ECHANTILLONS POUR UN ACCELERATEUR DE PARTICULES
 (63) US 08/747,870 (CIP)
 13 Nov/nov 1996 (13.11.1996)
 (71) **POWDERJECT VACCINES, INC.** [US/US]; Suite C, 585 Science Drive, Madison, WI 53711 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **McCABE, Dennis, E.** [US/US]; 7777 Airport Road, Middleton, WI 53562 (US).
 (74) **McCRACKEN, Thomas, P.** et al. / etc.; Robins & Associates, Suite 200, 90 Middlefield Road, Menlo Park, CA 94025 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21365** (13) A2
 (21) PCT/US97/20948
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 08/759,354 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C12Q 1/68, C12N 9/64
 (54) METHOD FOR DETECTION OF METASTATIC PROSTATE CANCER
 PROCEDE DE DETECTION DU CANCER DE LA PROSTATE METASTATIQUE
 (71) **MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH** [US/US]; 200 1st Street S.W., Rochester, MN 55905 (US). **HYBRITTECH INCORPORATED** [US/US]; 8958 Terman Court, San Diego, CA 92121 (US).
 (72) **TINDALL, Donald, J.**; 2304 Telemark Lane, Rochester, MN 55901 (US). **YOUNG, Charles, Y. F.**; 5100 St. Mary Drive N.W., Rochester, MN 55901 (US). **MCCORMICK, Daniel, J.**; 1353 9th Avenue S.E., Rochester, MN 55904 (US). **KLEE, George, G.**; 5949 - 11th Avenue S.W., Rochester, MN 55902 (US). **SAEDI, Mohammad, Saeed**; 7898 Hendricks Drive, San Diego, CA 92126 (US). **KUMAR, Abhay**; 12638 Salmon River Road, San Diego, CA 92129 (US). **RITENHOUSE, Harry, G.**; 13972 Mercado Drive, Del Mar, CA 92014 (US). **WOLFERT, Robert, L.**; 10495 Canyon Lake Drive, San Diego, CA 92131 (US).
 (74) **VIKSINNS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
 (81) AU CA CN JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21366** (13) A1
 (21) PCT/US97/20989
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 60/030,549 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

- (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C12Q 1/68, 1/02, C07H 21/04
 (54) GENE IDENTIFICATION METHOD
 PROCEDE D'IDENTIFICATION DE GENES
 (71) **QBI ENTERPRISES, LTD.** [IL/IL]; P.O. Box 741, 74106 Nes-Ziona (IL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DEISS, Louis, Paul** [US/US]; 536 West Barry, Chicago, IL 60657 (US). **YEHIELY, Fruma** [US/US]; 536 West Barry, Chicago, IL 60657 (US). **EFIMOVA, Elena** [RU/US]; 720 S. Laffin, Chicago, IL 60607 (US). **VASQUEZ-IASLOP, Nora Cecilia** [MX/US]; 849 N. Mapleton, Oak Park, IL 60302 (US). **EINAT, Paz** [IL/IL]; Neve Nir 1/27, 74042 Nes Ziona (IL).
 (74) **KOHN, Kenneth, I.** et al. / etc.; Kohn & Associates, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI 48334 (US).
 (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).

Published / Publiée : (c)

- (11) **WO 98/21367** (13) A1
 (21) PCT/US97/21066
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 60/031,261 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ C12Q 1/68, C12P 19/34, C07H 21/04, C07K 14/435
 (54) GENETIC TEST FOR EQUINE SEVERE COMBINED IMMUNODEFICIENCY DISEASE
 TEST GENETIQUE DE DEPISTAGE DE MALADIES LIEES AU DEFICIT IMMUNITAIRE COMBINE SEVERE CHEZ LES EQUIDES
 (71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 W. 7th Street, Austin, TX 78701 (US).
 (72) **MEEKS, Kathryn**; 3019 Purdue, Dallas, TX 75225 (US).
 (74) **ADLER, Benjamin, A.**; McGregor & Adler, 8011 Candle Lane, Houston, TX 77071 (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 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; 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 98/21368** (13) A1
 (21) PCT/US97/20650
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) 08/751,044 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)

- (51)⁶ C13D 1/08, 3/00, 3/12, 3/16, C13F 1/08, C13J 1/08, B01D 15/00
- (54) A PROCESS FOR SUGAR BEET JUICE CLARIFICATION
PROCEDE DE CLARIFICATION DE JUS DE BETTERAVE A SUCRE
- (71) **AMALGAMATED RESEARCH, INC.** [US/US]; 2427 Lincoln Avenue, Ogden, UT 84402 (US).
- (72) **KOCHERGIN, Vadim**; 1080 Wendell Street, Twin Falls, ID 83301 (US). **VELASQUEZ, Laurence**; 828 Rose Street North, Twin Falls, ID 83301 (US).
- (74) **BOND, Laurence, B.** et al. / etc.; Trask, Britt & Rossa, P.O. Box 2550, Salt Lake City, UT 84110 (US).
- (81) AU BR CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21369** (13) A1

(21) PCT/EP97/06348

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 46 916.3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C14C 9/00, C08G 77/388, C08L 83/08, C09D 183/08, D06M 15/643

(54) USE OF CARBOXYAMIDE-POLYSILOXANES FOR WATER-PROOFING LEATHER
UTILISATION DE POLYSILOXANES DE CARBOXYAMIDE POUR IMPERMEABILISER LE CUIR

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIEDRICH, Holger** [DE/DE]; Roxheimer Strasse 66, D-67240 Bobenheim-Roxheim (DE). **KNEIP, Michael** [DE/DE]; Untergasse 85, D-67069 Ludwigshafen (DE). **LEUTNER, Bernd** [DE/DE]; Taunusstrasse 17, D-67227 Frankenthal (DE).

(74) **ISENBRUCK, Günter**; Bardehle, Theodor-Heuss-Anlage 12, D-68165 Mannheim (DE).

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

Published / Publiée : (c)

(11) **WO 98/21370** (13) A1

(21) PCT/AT97/00237

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) A 1962/96 (32) **8 Nov/nov 1996 (08.11.1996)** (33) AT

(31) A 1963/96 (32) **8 Nov/nov 1996 (08.11.1996)** (33) AT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C21B 13/00

(54) PROCESS FOR PRODUCING LIQUID PIG IRON OR SEMIFINISHED STEEL PRODUCTS FROM ORE
PROCEDE DE TRANSFORMATION DE MINERAIS DE FER EN FONTE BRUTE LIQUIDE OU EN PRODUITS BRUTS EN ACIER

(71) **VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH** [AT/AT]; Turmstrasse 44, A-4020 Linz (AT).
(only for / seulement pour AT AU CN CZ ID JP KR PL RU SK TR UA VN)

(71) **DEUTSCHE VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH** [DE/DE]; Völklinger Strasse 4, D-40219 Düsseldorf (DE).
(only for / seulement pour BE BR CA DE FR GB IT LU MX NL SE)

(72, 75) **KEPPLINGER, Leopold, Werner** [AT/AT]; Lahholdstrasse 7, A-4060 Leonding (AT). **WALLNER, Felix** [AT/AT]; Roseggerstrasse 75, A-4020 Linz (AT). **SCHENK, Johannes-Leopold** [AT/AT]; Knabenseminarstrasse 8, A-4040 Linz (AT).

(74) **KOPECKY, Helmut** et al. / etc.; Wipplingersstrasse 32/22, A-1010 Wien (AT).

(81) AU BR CA CN CZ ID JP KR MX PL RU SK TR UA US VN; EP (AT BE DE FR GB IT LU NL SE).

(11) **WO 98/21371** (13) A1

(21) PCT/AT97/00239

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) A 1964/96 (32) **8 Nov/nov 1996 (08.11.1996)** (33) AT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C21B 13/00, 13/14

(54) PROCESS FOR PRODUCING LIQUID PIG IRON OR SEMIFINISHED STEEL PRODUCTS FROM IRON-CONTAINING MATERIALS
PROCEDE DE TRANSFORMATION DE MATIERES FERRIFERES EN FONTE BRUTE LIQUIDE OU EN PRODUITS BRUTS EN ACIER

(71) **VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH** [AT/AT]; Turmstrasse 44, A-4020 Linz (AT). **POHANG IRON & STEEL CO., LTD.** [KR/KR]; 1, Geo Dong-dong, Pohang City, Kyong Sang Book-do 790-785 (KR). **RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, INCORPORATED FOUNDATION** [KR/KR]; San-32, Hyoja-dong, Pohang City (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGL, Michael** [AT/AT]; Ramberg 36, A-4204 Reichenau (AT). **SCHENK, Johannes-Leopold** [AT/AT]; Knabenseminarstrasse 8, A-4040 Linz (AT). **KEPPLINGER, Leopold, Werner** [AT/AT]; Lahholdstrasse 7, A-4060 Leonding (AT).

(74) **KOPECKY, Helmut** et al. / etc.; Wipplingersstrasse 32/22, A-1010 Wien (AT).

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

(11) **WO 98/21372** (13) A1

(21) PCT/JP97/04091

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) ja (26) ja

(31) 8/314316 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(31) 8/329950 (32) **10 Dec/déc 1996 (10.12.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C21B 13/10, 11/00, 11/02, C22B 1/14

(54) METHOD AND APPARATUS FOR MANUFACTURING REDUCED IRON
PROCEDE ET DISPOSITIF DE FABRICATION DE FER REDUIT

(71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMEI, Yasuo** [JP/JP]; 36-14-814, Yatsu 5-chome, Narashino-shi, Chiba 275 (JP). **KAWAGUCHI, Takazo** [JP/JP]; 4727-43, Omigawa, Omigawa-cho, Katori-gun, Chiba 289-03 (JP). **YAMAOKA, Hideyuki** [JP/JP]; 22-27, Hinode 8-chome, Itako-machi, Namekata-gun, Ibaraki 311-24 (JP). **NAKAMURA, Yoshihisa** [JP/JP]; 14-10, Shibaya-cho, Takatsuki-shi, Osaka 569-11 (JP).

(74) **HONOUE, Terutada** et al. / etc.; Honoue Patent Office, Sumitomoseimei-Amagasaki Building, 17-23, Higashinaniw-cho 5-chome, Amagasaki-shi, Hyogo 660 (JP).

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

(11) **WO 98/21373** (13) A2

(21) PCT/EP97/06938

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/746,310 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C21C

(54) PROCESS FOR REDUCING FUME EMISSIONS DURING MOLTEN METAL TRANSFER
PROCEDE POUR LIMITER LES EMANATIONS DE VAPEUR PENDANT LE TRANSFERT DE METAL LIQUIDE

(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) **FUENDERS, Dieter** [DE/DE]; Halenerstrasse 61, D-47198 Duisburg 17 (DE). **WINTER, Harald** [DE/DE]; Viktoriastrasse 72, D-41061 Moenchengladbach (DE).

(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 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 KC LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21374** (13) A2

(21) PCT/FR97/02041

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/14103 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C21C

(54) METHOD FOR TREATING STEEL IN AN ELECTRIC ARC FURNACE FOR OBTAINING A FOAMED SLAG

- PROCEDE DE TRAITEMENT DE L'ACIER DANS UN FOUR ELECTRIQUE A ARC POUR OBTENIR UN LAITIER MOUSSANT
- (71) **PECHINEY ELECTROMETALLURGIE** [FR/FR]; Tour Manhattan, 6, place de l'Iris, La Défense 2, F-92400 Courbevoie (FR).
- (72) **POULALION, André**; 8, rue Lucien Leuwen, F-75020 Paris (FR). **DE CASANOVE, Jean-Pascal**; 7, square de Tocqueville, F-78150 Le Chesnay (FR). **GENTAZ, Claude**; 19, boulevard des Philosophes, CH-1205 Genève (CH).
- (74) **MOUGEOT, Jean-Claude**; Péchiney, 28, rue de Bonnel, F-69433 Lyon Cedex 03 (FR).
- (81) CZ PL RO SK UA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21375** (13) A1
- (21) PCT/EP97/06222
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) de (26) de
- (31) 196 46 361.0 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C22C 14/00, 21/00
- (54) TIAI ALLOY AND ITS USE
ALLIAGE TIAI ET SON APPLICATION
- (71, 72) **FROMMEYER, Georg** [DE/DE]; Carl-Zuckmayer-Strasse 38, D-49699 Erkrath (DE). **WESEMANN, Jürgen** [DE/DE]; Maurenbrecherstrasse 6, D-40239 Düsseldorf (DE).
- (74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21376** (13) A1
- (21) PCT/US97/20748
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 60/030,949 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C22C 25/00
- (54) HIGH STRENGTH CAST ALUMINUM-BERYLLIUM ALLOYS CONTAINING MAGNESIUM
ALLIAGES COULES DE BERYLLIUM ET D'ALUMINIUM A HAUTE RESISTANCE CONTENANT DU MAGNESIUM
- (71) **BRUSH WELLMAN INC.** [US/US]; 17876 St. Clair Avenue, Cleveland, OH 44110 (US).
- (72) **GRENSING, Fritz, C.**; 632 Indian Wells Lane, Perrysburgh, OH 43551 (US).
- (74) **POLLACK, Grant, E.**; Hopgood, Calimafde, Kallil & Judlowe, 60 East 42nd Street, New York, NY 10165 (US).
- (81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21377** (13) A1
- (21) PCT/JP97/04080
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) ja (26) ja
- (31) 8/298986 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C23C 2/02, 2/12
- (54) METHOD AND APPARATUS FOR MELT PLATING
PROCEDE ET APPAREIL POUR PLACAGE PAR FUSION
- (71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAMORI, Toshio** [JP/JP]; 8-9-1, Hamakazecho, Ashiya-shi, Hyogo 659 (JP). **YAMAMOTO, Masashi** [JP/JP]; 39-23-306, Nozawa 3-chome, Setagaya-ku, Tokyo 154 (JP). **TOKI, Tamotsu** [JP/JP]; 3-9-303, Minamikoshien 1-chome, Nishinomiya-shi, Hyogo 663 (JP). **MASUMOTO, Hirohito** [JP/JP]; 1095, Nishinosho, Wakayama-shi, Wakayama 640-01 (JP). **SAGARA, Mutsuo** [JP/JP]; 11-45, Nishitakamatsu 2-chome, Wakayama-shi, Wakayama 641 (JP). **MAEDA, Hiroo** [JP/JP]; 6-5, Oimatsu 1-chome, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808 (JP).
- (74) **HIROSE, Shoichi**; Tozan Building, 4-2, Nihonbashi Honcho 4-chome, Chuo-ku, Tokyo 103 (JP).
- (81) AU KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21378** (13) A1
- (21) PCT/EP97/04787
- (22) **3 Sep/sep 1997 (03.09.1997)**
- (25) de (26) de
- (31) 196 46 362.9 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C23C 2/28
- (54) METHOD OF HEAT-TREATING THIN SHEET COATED WITH ZnAl BY HOT DIP GALVANIZATION
PROCEDE DE TRAITEMENT THERMIQUE DE TOLE FINE RECOUVERTE DE ZnAl PAR GALVANISATION A CHAUD
- (71) **THYSSEN STAHL AG** [DE/DE]; Kaiser-Wilhelm-Strasse 100, D-47166 Duisburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEILER, Hans-Joachim** [DE/DE]; Max-Planck-Strasse 24, D-47447 Moers (DE). **WARNECKE, Wilhelm** [DE/DE]; Buschfeld 21, D-46499 Hamminkeln (DE). **DÜRR, Wilhelm** [DE/DE]; Metastrasse 15, D-46537 Dinslaken (DE). **HÖBELHEINRICH, Günther** [DE/DE]; Bilsteiner Markt 7, D-57368 Lennstadt (DE).
- (74) **COHAUSZ & FLORACK**; Postfach 33 02 29, D-40435 Düsseldorf (DE).
- (81) AU CA JP KR PL US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21379** (13) A1
- (21) PCT/GB97/03073
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) en (26) en
- (31) 9623344.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C23C 4/18, B22D 11/04
- (54) COATING OF CONTINUOUS CASTING MACHINE COMPONENTS
REVETEMENT DE COMPOSANTS DE MACHINE A MOULAGE CONTINU
- (71) **MONITOR COATINGS AND ENGINEERS LIMITED** [GB/GB]; Monitor House, Coast Road, WallSEND, Tyne & Wear NE28 7RD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAVIN, Philip, Anthony** [GB/GB]; Gap Rig, Elvaston Road, Hexham, Northumberland NE46 2HN (GB).
- (74) **GODWIN, Edgar, James**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21380** (13) A1
- (21) PCT/ES97/00269
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) es (26) es
- (31) P 9602439 (32) **12 Nov/nov 1996 (12.11.1996)** (33) ES
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ C23C 14/28, 14/06, 14/02, A61F 2/30, A61L 27/00
- (54) METHOD FOR IMPROVING THE OSTEOINTEGRATION OF OSSEOUS FIXING IMPLANTS
PROCEDE D'AMELIORATION DE L'OSTEOINTEGRATION D'IMPLANTS DE FIXATION OSSEUSE
- (71) **UNIVERSIDAD DE VIGO** [ES/ES]; Dpto. Física Aplicada, Lagoas-Marcosende, 9, E-36280 Vigo (ES). **EROTHITAN TITANIMPLANTATE AG i.G.** [DE/DE]; Allendstrasse 68, D-98574 Schmalkalden (DE). **EURO TRS** [ES/ES]; Calle Fueros, 22, E-01005 Vitoria (ES). **KLOCKNER** [ES/ES]; Calle Caracas, 47, E-08030 Barcelona (ES). **IMPLANTES AB** [ES/ES]; Calle Angel Guimera, 2, E-08201 Sabadell (ES). **BONE SYSTEM** [IT/IT]; Via Ofanto, 26, I-20134 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEON FONG, Betty Mireya** [ES/ES]; Universidad de Vigo, Dpto. Física Aplicada, Lagoas-Marcosende, 9, E-36280 Vigo (ES). **POU SARACHO, Juan María** [ES/ES]; Universidad de Vigo, Dpto. Física Aplicada, Lagoas-Marcosende, 9, E-36280 Vigo (ES). **ARIAS OTERO, Jorge Luis** [ES/ES]; Universidad de Vigo, Dpto. Física Aplicada, Lagoas-Marcosende, 9, E-36280 Vigo (ES). **GARCIA SANZ, Francisco Jose** [ES/ES]; Universidad de Vigo, Dpto. Física Aplicada, Lagoas-Marcosende, 9, E-36280 Vigo (ES). **MAYOR LEIROS, Mercedes Belén** [ES/ES]; Universidad de Vigo, Dpto. Física Aplicada, Lagoas-Marcosende, 9, E-36280 Vigo (ES). **GONZALEZ FERNANDEZ, Pio Manuel** [ES/ES]; Universidad de Vigo, Dpto. Física Aplicada, Lagoas-Marcosende, 9, E-36280 Vigo (ES). **PEREZ-MARTINEZ Y PEREZ-AMOR, Mariano Jesús** [ES/ES]; Universidad de Vigo, Dpto. Física Aplicada, Lagoas-Marcosende, 9, E-36280 Vigo (ES).
- (74) **URIZAR ANASAGASTI, José Antonio**; Puerto Rico, 6A, Bajo, E-28016 Madrid (ES).

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

Published / Publiée : (c)

(11) **WO 98/21381** (13) A1

(21) PCT/US97/20781

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,877 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C23C 18/36

(54) REMOVAL OF ORTHOPHOSPHITE IONS FROM ELECTROLESS NICKEL PLATING BATHS
EXTRACTION, A PARTIR DE BAINS DE PLAQUAGE AU NICKEL NON ELECTROLYTIQUE, D'IONS D'ORTHOPHOSPHITE

(71) **ATOTECH DEUTSCHLAND GMBH** [DE/DE]; Erasmustrasse 20, D-10553 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTYAK, Nicholas, Michael** [US/US]; 121 Blackfriars Circle, Doylestown, PA 18901 (US).
McCASKIE, John, Edward [US/DE]; Tannenbergallee 26, D-14055 Berlin (DE).

(74) **MARCUS, Stanley, A.** et al. / etc.; Elf Atochem North America, Inc., 2000 Market Street, Philadelphia, PA 19103-3222 (US).

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

(11) **WO 98/21382** (13) A2

(21) PCT/DE97/02661

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 46 724.1 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(31) 197 03 489.6 (32) **31 Jan/jan 1997 (31.01.1997)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C23C 22/00, B05D 3/02, 7/14

(54) PROCESS FOR APPLICATION OF AN INORGANIC COATING TO AN ELECTRICALLY CONDUCTING BODY
PROCEDE POUR APPLIQUER UN REVETEMENT INORGANIQUE SUR UN CORPS ELECTROCONDUCTEUR

(71) **EWALD DÖRKEN AG** [DE/DE]; Wetterstrasse 58, D-58313 Herdecke (DE). **EMA ELEKTRO-MASCHINEN SCHULTZE GMBH & CO. KG** [DE/DE]; Neckarsteinacher Strasse 88, D-69434 Hirschhorn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUSSMANN, Horst** [DE/DE]; Adlerhorst 6, D-49205 Hasbergen (DE). **SINGE, Thomas** [DE/DE]; Werrastrasse 22, D-44287 Dortmund (DE). **KRUSE, Thomas** [-/DE]; (DE). **HINZ, Detlef**

(74) **ULLRICH & NAUMANN**; Gaisbergstrasse 3, D-69115 Heidelberg (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ 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 98/21383** (13) A1

(21) PCT/GB97/03031

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 9623286.3 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C23F 13/16, H01M 4/66

(54) ELECTRODES AND METHODS OF MAKING THEM
ELECTRODES ET LEURS PROCEDES DE FABRICATION

(71) **BICC PUBLIC LIMITED COMPANY** [GB/GB]; Devonshire House, Mayfair Place, London W1X 5FH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VINSON, John, Reginald** [GB/GB]; Tree Tops, Hill Court, Ness, South Wirral L64 4EN (GB).

(74) **POOLE, Michael, John** et al. / etc.; BICC Patents & Licensing Dept., Quantum House, Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 4SJ (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 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 98/21384** (13) A1

(21) PCT/EP97/06030

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) de (26) de

(31) 196 46 950.3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C25B 9/00, H01M 4/86

(54) ELECTROCHEMICAL GASEOUS DIFFUSION HALF CELL
DEMI-CELLULE ELECTROCHIMIQUE A DIFFUSION GAZEUSE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GESTERMANN, Fritz** [DE/DE]; Berliner Strasse 83, D-51377 Leverkusen (DE). **PINTER, Hans-Dieter** [DE/DE]; Forstring 20, D-42929 Wermelskirchen (DE). **CAMPHAUSEN, Jens** [DE/DE]; Alfred-Stock-Strasse 6, D-51373 Leverkusen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

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

(11) **WO 98/21385** (13) A1

(21) PCT/SE97/01838

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) sv (26) en

(31) 9604035-7 (32) **4 Nov/nov 1996 (04.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C25D 11/04, 17/06, H01B 13/16 // H01F 41/12, H02K 15/10

(54) ANODE, PROCESS FOR ANODIZING, ANODIZED WIRE AND ELECTRIC DEVICE COMPRISING SUCH ANODIZED WIRE
ANODE, PROCEDE D'ANODISATION, FIL ANODISE ET DISPOSITIF ELECTRIQUE DOTE DE CE FIL ANODISE

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(71) **IMRELL, Anne-Marie** (heirress of the deceased inventor / héritière de l'inventeur décédé) [SE/SE]; Vetterlundsgatan 206, S-724 62 Västerås (SE).
(only for / seulement pour US)

(72) **IMRELL, Torbjörn** (deceased / décédé).

(72, 75) **HERNNÄS, Bo** [SE/SE]; Cedergatan 27, S-723 41 Västerås (SE). **KALLDIN, Hans-Olof** [SE/SE]; Grenadjärgatan 9, S-723 46 Västerås (SE).

(74) **DAHLSTRAND, Björn** et al. / etc.; Asea Brown Boveri AB, Patent, Stockholm Office, S-120 86 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 98/21386** (13) A1

(21) PCT/US97/21331

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,098 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ C30B 25/02, 23/00, A44C 17/00, C30B 29/36, 29/04

(54) GEMSTONES FORMED OF SILICON CARBIDE WITH DIAMOND COATING
PIERRES PRECIEUSES FORMEES DE CARBURE DE SILICIUM REVETU DE DIAMANT

(71) **C3, INC.** [US/US]; Suite 310, 3800 Gateway Boulevard, Morrisville, NC 27560 (US).

(72) **NASSAU, Kurt**; 16 Guinea Hollow Road, Lebanon, NJ 08833 (US). **COLEMAN, Thomas, G.**; 315 Lochwood Drive, Pittsboro, NC 27312 (US). **HUNTER, Charles, Eric**; 24 Shell Ring Road, Hilton Head Island, SC 29928 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21387** (13) A1
 (21) PCT/AU97/00780
 (22) **14 Nov/nov 1997 (14.11.1997)**
 (25) en (26) en
 (31) PO 3598 (32) **14 Nov/nov 1996 (14.11.1996)** (33) AU
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ D01G 19/14, 19/18, 19/20, 19/28
 (54) TUFT TAIL CONTROL IN TEXTILE COMBING
 COMMANDE DES BOUTS DE TOUFFES DANS
 LE PEIGNAGE DES TEXTILES
 (71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2601 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **JOHNSON, David, Michael** [AU/AU]; 12 Stewart Street, Williamstown, VIC 3016 (AU).
 (74) **NOONAN, Greg** et al. / etc.; Freehills Patent Attorneys, Level 47, 101 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21388** (13) A1
 (21) PCT/EP97/06157
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) de (26) de
 (31) 196 46 087.5 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ D02H 3/00
 (54) METHOD AND DEVICE FOR WARPING WITH A CONE SECTIONAL WARP
 PROCEDE ET DISPOSITIF D'OURDISSEMENT SECTIONNEL AVEC UN OURDISOIR SECTIONNEL A CONE
 (71) **SUCKER-MÜLLER-HACOBA GMBH & CO.** [DE/DE]; Krefelder Strasse 690, D-41066 Mönchengladbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KREMER, Hubert** [DE/DE]; Freventstrasse 164, D-47929 Grefrath (DE).
 (74) **EICHLER, Peter** et al. / etc.; Brahmstrasse 29, D-42289 Wuppertal (DE).
 (81) BR CN TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21389** (13) A1
 (21) PCT/EP97/06320
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) de (26) de
 (31) 196 46 707.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)

- (51)⁶ D05B 59/00, 57/28, B65H 54/18, 75/18
 (54) METHOD AND ARRANGEMENT FOR TRANSMITTING YARN-SPECIFIC DATA DURING REWINDING PROCESSES FOR PRODUCING TWO-THREAD LOCK STITCH SEAMS WHICH ARE TO BE DOCUMENTED
 PROCEDE ET SYSTÈME POUR TRANSMETTRE DES DONNÉES PROPRES AU FIL PENDANT DES OPERATIONS DE REBOBINAGE POUR REALISER DES COUTURES A POINT NOUE DEUX FILS EN CONFORMITE AVEC UNE DOCUMENTATION
 (71) **KSL KEILMANN SONDERMASCHINENBAU GMBH** [DE/DE]; Bensheimer Strasse 101, D-64653 Lorsch (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **JAEGER, Guido** [DE/DE]; Nibelungenstrasse 34, D-64625 Bensheim (DE).
 (74) **SCHAUMBURG, Karl-Heinz** et al. / etc.; Postfach 86 07 48, D-81634 München (DE).
 (81) BR CZ HU JP KR MX PL SK US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21390** (13) A1
 (21) PCT/IB97/01400
 (22) **6 Nov/nov 1997 (06.11.1997)**
 (25) en (26) en
 (31) 9623730.0 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ D06B 5/12, 17/04
 (54) A METHOD AND APPARATUS FOR THE HEAT TREATMENT OF TEXTILES
 PROCEDE ET APPAREIL DE TRAITEMENT THERMIQUE DES TEXTILES
 (71) **XORELLA AG** [CH/CH]; Hardstrasse 41, CH-5430 Wettingen (CH).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WANGER, Freddy** [LI/CH]; Riedmatte 11, CH-5452 Oberrohrdorf (CH).
 (74) **PPS POLYVALENT PATENT SERVICE AG**; Waldrütistrasse 21, CH-8954 Geroldswil (CH).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH 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 98/21391** (13) A1
 (21) PCT/GB97/03075
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 9623443.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB
 (31) 9713935.6 (32) **1 Jul/juil 1997 (01.07.1997)** (33) GB
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ D06F 23/06
 (54) WASHING MACHINE
 MACHINE A LAVER

- (71) **MONOTUB PLC** [GB/GB]; 32a High Street, Esher, Surrey KT10 9RT (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SUMNER, Barry, David** [GB/GB]; 40 Holliers Hill, Bexhill-on-Sea, East Sussex TN40 2DD (GB). **MYERSCOUGH, Martin, William** [GB/GB]; 69 Prospect Place, Wapping Wall, London E1 9TJ (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21392** (13) A1
 (21) PCT/GB97/03079
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 9623443.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB
 (31) 9713935.6 (32) **1 Jul/juil 1997 (01.07.1997)** (33) GB
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ D06F 23/06
 (54) WASHING MACHINE
 MACHINE A LAVER
 (71) **MONOTUB PLC** [GB/GB]; 32a High Street, Esher, Surrey KT10 9RT (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SUMNER, Barry, David** [GB/GB]; 40 Holliers Hill, Bexhill-on-Sea, East Sussex TN40 2DD (GB). **MYERSCOUGH, Martin, William** [GB/GB]; 69 Prospect Place, Wapping Wall, London E1 9TJ (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21393** (13) A1
 (21) PCT/GB97/03072
 (22) **7 Nov/nov 1997 (07.11.1997)**
 (25) en (26) en
 (31) 9623443.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB
 (31) 9713935.6 (32) **1 Jul/juil 1997 (01.07.1997)** (33) GB
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ D06F 37/04
 (54) WASHING MACHINE
 MACHINE A LAVER

- (71) **MONOTUB PLC** [GB/GB]; 32a High Street, Esher, Surrey KT10 9RT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUMNER, Barry, David** [GB/GB]; 40 Holliers Hill, Bexhill-On-Sea, East Sussex TN40 2DD (GB). **MYERSCOUGH, Martin, William** [GB/GB]; 69 Prospect Place, Wapping Wall, London E1 9TJ (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21394** (13) A1

(21) PCT/GB97/03083

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623443.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(31) 9713935.6 (32) **1 Jul/juil 1997 (01.07.1997)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D06F 39/08, 23/06

(54) WASHING MACHINE
MACHINE A LAVER

(71) **MONOTUB PLC** [GB/GB]; 32a High Street, Esher, Surrey KT10 9RT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUMNER, Barry, David** [GB/GB]; 40 Holliers Hill, Bexhill-On-Sea, East Sussex TN40 2DD (GB). **MYERSCOUGH, Martin, William** [GB/GB]; 69 Prospect Place, Wapping Wall, London E1 9TJ (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21395** (13) A1

(21) PCT/ES96/00211

(22) **13 Nov/nov 1996 (13.11.1996)**

(25) es (26) es

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D06L 1/14, D06P 3/54, 1/667, 1/00

(54) PROCESS FOR SIMULTANEOUSLY DESIZING AND DYEING SYNTHETIC FIBERS AND MIXTURES THEREOF
PROCEDE DE DESENCOLLAGE ET TEINTURE SIMULTANES DE FIBRES SYNTHETIQUES ET DE LEURS MELANGES

(71) **HOECHST IBERICA, S.A.** [ES/ES]; Vía Augusta, 252-260, E-08017 Barcelona (ES).

(72) **ESCARRER PIJOAN, Josep**; Calle Mallorca, 47, 3^a-2^a, E-08640 Olesa de Montserrat (ES). **MENDIETA CADENA, Luis**; Calle Sant Viçenc, 6, 3^a-1^a, E-08340 Vilassar de Mar (ES).

(74) **LEHMANN NOVO, M^a Isabel**; Alvarez de Baena, 4, E-28006 Madrid (ES).

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

(11) **WO 98/21396** (13) A1

(21) PCT/JP97/04045

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) ja (26) ja

(31) 8/300153 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D06P 3/52, D01F 6/84

(54) DYED FILAMENT YARN HAVING CLEAR HUE FIL CONTINU COLORE PRESENTANT UNE TEINTE CLAIRE

(71) **TELJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AOYAMA, Saori** [JP/JP]; Teijin Limited Osaka Research Center, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567 (JP). **SUZUKI, Togi** [JP/JP]; Teijin Limited Osaka Research Center, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/21397** (13) A1

(21) PCT/US97/20452

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 746,597 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D06P 3/52, B44C 1/165, B41J 2/01, 2/06, B41M 5/20, 5/24

(54) IMAGED LIGHT SWITCH PLATE
PLAQUE D'INTERROMPTEUR DE LUMIERE A IMAGE

(71) **MCI PRODUCTS GROUP, INC.** [US/US]; 80 Skyline Drive, Plainview, NY 11803 (US).

(72) **ZUTLER, Bruce**; Waters Edge, Port Washington, NY 11050 (US).

(74) **KADEN, Jeffrey, M.**; Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY 10016-0601 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21398** (13) A1

(21) PCT/US97/21343

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,933 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D06P 5/00, G03C 1/00, G03F 7/00

(54) IMAGING TRANSFER SYSTEM AND PROCESS FOR TRANSFERRING IMAGE AND NON-IMAGE AREAS THEREOF TO RECEPTOR ELEMENT
SYSTEME DE TRANSFERT D'IMAGERIE ET PROCEDE DE TRANSFERT D'ELEMENTS AVEC IMAGE ET DE ZONES SANS IMAGE DE CES ELEMENTS SUR UN ELEMENT RECEPTEUR

(71) **FOTO-WEAR, INC.** [US/US]; 101 Pocono Drive, Milford, PA 18337 (US).

(72) **HARE, Donald, S.**; R.R.2, Box 489H, Hawley, PA 18428 (US). **WILLIAMS, Scott, A.**; 416 Clay Avenue, Rochester, NY 14613 (US).

(74) **BIRCH, Terrell, C.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040-0747 (US).

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

Published / Publiée : (c)

(11) **WO 98/21399** (13) A1

(21) PCT/US97/17599

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) en (26) en

(31) 08/749,873 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D21C 5/02

(54) USE OF SURFACTANTS IN THE DEINKING OF WASTE PAPER
UTILISATION DE TENSIOACTIFS DANS LE DESENCRAGE DE VIEUX PAPIERS

(71) **BETZDEARBORN INC.** [US/US]; 4636 Somerton Road, P.O. Box 3002, Trevoise, PA 19053-6783 (US).

(72) **RICHMANN, Sandra, K.**; 2808 South Second Street, Jacksonville Beach, FL 32250 (US). **SUTMAN, Frank, J.**; 9748 Chesterfield Drive, Jacksonville, FL 32257 (US).

(74) **PAIKOFF, Richard, A.** et al. / etc.; Betz-Dearborn Inc., 4636 Somerton Road, Trevoise, PA 19053-6783 (US).

(81) AU JP KR NZ.

(11) **WO 98/21400** (13) A1

(21) PCT/SE97/01810

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 9604094-4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D21C 9/10, 9/14, 9/16(54) PREBLEACHING OF PAPERPULP BEFORE A PEROXIDE BLEACHING STAGE
PREBLANCHIMENT DE PATE A PAPIER REALISE AVANT L'ETAPE DE BLANCHIMENT AU PEROXYDE(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) **GERMGÅRD, Ulf** [SE/SE]; Mastvägen 5, S-865 31 Alnö (SE).(74) **ROSENQUIST, Per, Olof et al.** / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S-118 93 Stockholm (SE).

(81) AU BR CA CN JP NO NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21401** (13) A1

(21) PCT/US97/20302

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 2,190,443 (32) **15 Nov/nov 1996 (15.11.1996)** (33) CA

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D21C 11/12, B01J 4/00(54) SEGMENTED SMELT SPOUT
BEC DE COULEE SEGMENTE POUR RESIDUS DE COMBUSTION(71) **COMBUSTION ENGINEERING, INC.** [US/US]; 2000 Day Hill Road, Windsor, CT 06095 (US).(72) **BEVERIDGE, Christopher, J.**; 695 Brome Crescent, Orleans, Ontario K4A 1W2 (CA). **JONES, Andrew, K.**; 1232 Isis Avenue, Cincinnati, OH 45208 (US).(74) **FOURNIER, Arthur, E., Jr et al.** / etc.; Combustion Engineering, Inc., Patent Services 4540-0426, 2000 Day Hill Road, Windsor, CT 06095 (US).

(81) AU BR ID NO NZ RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/21402** (13) A1

(21) PCT/US97/20426

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/747,345 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D21F 7/04, 1/66(54) SPOOL BUTT UNWIND SYSTEM
SYSTEME DE DEROULEMENT DE BOUT DE BOBINE(71) **NORTH PACIFIC PAPER CORPORATION** [US/US]; 3401 Industrial Way, Longview, WA 98632 (US).(72) **TANG, Catherine, A.**; 3938 S.W. 328th Place, Federal Way, WA 98023-2641 (US). **HEALY, Ralph, W.**; 2730 Harris Street Road, Kelso, WA 98626 (US).(74) **CRAWFORD, John, M. et al.** / etc.; Weyerhaeuser Company, Patent Dept.-CH2J29, P.O. Box 2999, Tacoma, WA 98477-2999 (US).

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

Published / Publiée : (c)

(11) **WO 98/21403** (13) A1

(21) PCT/GB97/03060

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623403.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB(31) 9713309.4 (32) **25 Jun/juin 1997 (25.06.1997)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D21F 7/08, 1/00(54) PAPERMACHINE CLOTHING
HABILLAGE POUR MACHINE A PAPIER(71) **SCAPA GROUP PLC** [GB/GB]; Oakfield House, 93 Preston New Road, Blackburn BB2 6AY (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **LIDAR, Per-Ola** [SE/SE]; Hasthagsvagen 8, S-640 10 Hogsjo (SE). **NOHLGREN, Goran** [SE/SE]; Blabarsvagen 21, S-640 10 Hogsjo (SE). **JOHANSSON, Jorgen** [SE/SE]; Skogsvagen 43, S-640 10 Hogsjo (SE).(74) **GOODWIN, Mark et al.** / etc.; Wilson Gunn M'Caw, 41-51 Royal Exchange, Cross Street, Manchester M2 7BD (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21404** (13) A1

(21) PCT/US97/20643

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/748,768 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D21F 11/00(54) METHOD OF DRYING A PAPER WEB HAVING BOTH BULK AND SMOOTHNESS
PROCEDE DE SECHAGE D'UNE BANDE CONTINUE DE PAPIER A LA FOIS BOUFFANTE ET LISSEE(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).(72) **PHAN, Dean, Van**; 6512 Tylers Crossing, West Chester, OH 45069 (US).(74) **REED, T. David et al.** / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

Published / Publiée : (c)

(11) **WO 98/21405** (13) A1

(21) PCT/US97/20649

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/748,870 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D21F 11/00(54) IMPROVED DRYING FOR PATTERNED PAPER WEBS
SECHAGE AMELIORE POUR BANDES CONTINUES DE PAPIER A MOTIFS(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).(72) **PHAN, Dean, Van**; 6512 Tylers Crossing, West Chester, OH 45069 (US).(74) **REED, T. David et al.** / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

Published / Publiée : (c)

(11) **WO 98/21406** (13) A1

(21) PCT/US97/20814

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/748,871 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ D21F 11/00(54) PAPER WEB HAVING A RELATIVELY THINNER CONTINUOUS NETWORK REGION AND DISCRETE RELATIVELY THICKER REGIONS IN THE PLANE OF THE CONTINUOUS NETWORK REGION
BANDE DE PAPIER COMPORTANT UNE ZONE DE RESEAUX CONTINUE RELATIVEMENT PLUS MINCE ET DES ZONES RELATIVEMENT PLUS EPAISSES SITUÉES DANS LE PLAN DE LA ZONE DE RESEAUX CONTINUE(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).(72) **PHAN, Dean, Van**; 6512 Tylers Crossing, West Chester, OH 45069 (US).(74) **REED, T. David et al.** / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

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

Published / Publiée : (c)

- (11) **WO 98/21407** (13) A1
(21) PCT/US97/21062
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/748,872 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ D21F 11/00
(54) METHOD FOR MAKING PAPER WEB HAVING BOTH BULK AND SMOOTHNESS
PROCEDE DE FABRICATION D'UNE BANDE DE PAPIER PRESENTANT DES CARACTERISTIQUES DE BOUFFANT ET DE PLANEITE
(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(72) **PHAN, Dean, Van**; 6512 Tylers Crossing, West Chester, OH 45069 (US).
(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21408** (13) A1
(21) PCT/US97/20459
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 60/030,836 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ D21H 23/22, B05C 11/00, 5/02
(54) DUAL FEED FLOW SYSTEM APPARATUS FOR A PAPER WEB COATER
APPAREIL A SYSTÈME D'ÉCOULEMENT A DOUBLE ALIMENTATION POUR COUCHEUSE DE BANDE DE PAPIER
(71) **BELOIT TECHNOLOGIES, INC.** [US/US]; Suite 3001, 3513 Concord Pike, Wilmington, DE 19803 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LI, Alfred, C.** [CN/US]; 1573 Raymond Drive #203, Naperville, IL 60563 (US). **OSBURN, Andrew, W.** [US/US]; 5225 N. 500 East Road, Lafayette, IN 74905 (US). **BECKER, Rex, A.** [US/US]; 1203 Hawthorne Avenue, Janesville, WI 53545 (US). **LAN, Xuekui** [CN/US]; 3865 Valerie Road, Roscoe, IL 61073 (US).
(74) **MATHEWS, Gerald, A.**; One Saint Lawrence Avenue, Beloit, WI 53511 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21409** (13) A1
(21) PCT/US97/21060
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/748,852 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ D21H 27/02, 27/30
(54) PAPER WEB HAVING BOTH BULK AND SMOOTHNESS
BANDE DE PAPIER PRESENTANT DES CARACTERISTIQUES DE BOUFFANT ET DE PLANEITE
(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(72) **PHAN, Dean, Van**; 6512 Tylers Crossing, West Chester, OH 45069 (US).
(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21410** (13) A1
(21) PCT/US97/00201
(22) **8 Jan/jan 1997 (08.01.1997)**
(25) en (26) en
(31) 08/745,339 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ D21H 27/40, 27/02, B31F 1/07, B65D 65/14
(54) THREE-DIMENSIONAL, AMORPHOUS-PATTERNED, NESTING-RESISTANT SHEET MATERIALS AND METHOD AND APPARATUS FOR MAKING SAME
MATERIAUX EN FEUILLES TRIDIMENSIONNELS, A MOTIF AMORPHE ET RESISTANT A L'EMBOITEMENT, PROCEDE ET APPAREIL UTILISES POUR LEUR FABRICATION
(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, Cincinnati, OH 45215 (US). **TWEDELL, Richard, III**; 2 Burton Woods Lane, Cincinnati, OH 45229 (US).
(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK 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 98/21411** (13) A1
(21) PCT/EP97/05372
(22) **30 Sep/sep 1997 (30.09.1997)**
(25) de (26) de
(31) 196 46 132.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E01B 9/60, 9/62
(54) SUBSTRUCTURE FOR A RAILWAY VEHICLE TRACK FORMED FROM RAILS
INFRASTRUCTURE POUR VOIE POUR VEHICULES SUR RAILS, FORMEE DE RAILS
(71, 72) **ORTWEIN, Hermann** [DE/DE]; Mühlenweg 25, D-51588 Nümbrecht (DE).
(74) **HAPPE, Otto**; Meistersingerstrasse 34, D-45307 Essen (DE).
(81) AU JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21412** (13) A1
(21) PCT/CA97/00849
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/748,354 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E01C 23/088
(54) GRINDING MACHINE FOR REMOVING MARKINGS FROM PAVED SURFACES AND GRINDER FOR THE SAME
MACHINE A MEULER SERVANT A ENLEVER DES MARQUAGES SUR DES SURFACES REVETUES ET MEULE CORRESPONDANTE
(71) **BARTELL INDUSTRIES INC.** [CA/CA]; 31 Sunpac Boulevard, Brampton, Ontario L6S 5P6 (CA).
(72) **MRAVYAN, Michael**; 67 Robert Hicks Drive, North York, Ontario M2R 3R2 (CA).
(74) **RUSTON, David, A.** et al. / etc.; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21413** (13) A1
(21) PCT/US97/19569
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) 60/030,508 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(31) 08/814,370 (32) **11 Mar/mar 1997 (11.03.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E02B 3/12
(54) EROSION CONTROL SYSTEM

SYSTEME DE REGULATION DE L'EROSION
 (63) US 60/030,508 (CIP)
 12 Nov/nov 1996 (12.11.1996)
 US 08/814,370 (CIP)
 11 Mar/mar 1997 (11.03.1997)

(71, 72) **ATKINSON, Frank, S.** [US/US]; 655 4th Avenue #57, 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 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).

Published / Publiée : (c)

(11) **WO 98/21414** (13) A1

(21) PCT/GB97/03114

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623599.9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E02D 5/60, E02B 17/00

(54) IMPROVEMENTS RELATING TO PILE PROTECTION
 AMELIORATIONS APORTEES A LA PROTECTION D'UNE PILE

(71) **N.I.C.C. LIMITED** [GB/GB]; The Corner, Cheap Street, Chedworth, Cheltenham, Gloucestershire GL54 4AA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COUTTS, Ernest** [GB/GB]; Logie House, East Backmuir of Liff, Muirhead, Dundee DD2 5QT (GB).

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

(81) BR GB SG US.

Published / Publiée : (c)

(11) **WO 98/21415** (13) A1

(21) PCT/US97/21053

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/030,583 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E02D 23/00

(54) PRECAST, MODULAR SPAR SYSTEM
 SYSTEME D'ESPAR MODULAIRE, PREMOULE

(71) **H.B. ZACHRY COMPANY** [US/US]; Suite 2600, 310 S. St. Mary's Street, San Antonio, TX 78205-3108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICHTER, Kirk, T.** [US/US]; 27034 Autumn Spring, Boerne, TX 78006 (US). **FAHEL, Moon, A.** [US/US]; 1626 Wood Quail, San Antonio, TX 78248 (US).

(74) **NASH, William, B.**; Gunn, Lee & Miller, P.C., Suite 1650, 300 Convent 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 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).

Published / Publiée : (c)

(11) **WO 98/21416** (13) A1

(21) PCT/SE97/01913

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9604139-7 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E02F 3/34, 3/36

(54) AN ARRANGEMENT PERTAINING TO WORKING MACHINES ADAPTED TO A LATERAL MOVEMENT OF AN IMPLEMENT
 DISPOSITIF DE MACHINE-OUTIL CONÇU POUR LE DEPLACEMENT LATERAL D'UN OUTIL

(71) **TRIMA AB** [SE/SE]; P.O. Box 301, S-820 70 Bergsjö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARLSSON, Einar** [SE/SE]; Vågmästarvägen 14, S-937 91 Burträsk (SE).

(74) **LINDBLOM, Erik, J.**; Flotthamn, S-150 23 Enhörna (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG 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 98/21417** (13) A1

(21) PCT/SE97/01914

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9604140-5 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E02F 3/36

(54) AN ARRANGEMENT PERTAINING TO WORKING MACHINES ADAPTED TO A SKEWING OF AN IMPLEMENT
 DISPOSITIF DE MACHINE-OUTIL CONÇU POUR INCLINER OBLIQUEMENT UN OUTIL

(71) **TRIMA AB** [SE/SE]; P.O. Box 301, S-820 70 Bergsjö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARLSSON, Einar** [SE/SE]; Vågmästarvägen 14, S-937 91 Burträsk (SE).

(74) **LINDBLOM, Erik, J.**; Flotthamn, S-150 23 Enhörna (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG 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 98/21418** (13) A1

(21) PCT/SE97/01915

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9604141-3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E02F 3/36

(54) AN ARRANGEMENT PERTAINING TO WORKING MACHINES ADAPTED TO SERIESCOUPLED LIFT CYLINDERS
 DISPOSITIF APPARTENANT A DES MACHINES D'EXPLOITATION ADAPTE A DES VERINS DE LEVAGE COUPLES EN SERIE

(71) **TRIMA AB** [SE/SE]; P.O. Box 301, S-820 70 Bergsjö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARLSSON, Einar** [SE/SE]; Vågmästarvägen 14, S-937 91 Burträsk (SE).

(74) **LINDBLOM, Erik, J.**; Flotthamn, S-150 23 Enhörna (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG 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 98/21419** (13) A1

(21) PCT/AU97/00763

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) PO 3592 (32) **12 Nov/nov 1996 (12.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E03D 9/16, F16K 47/08, F16L 55/02, G05D 7/01

(54) FLOW REGULATOR
 REGULATEUR DE DEBIT

(71) **STAR BRIGHT PTY. LIMITED** [AU/AU]; Suite 10, 17 Gerrale Street, Cronulla, NSW 2230 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIBBERD, Barry, John** [AU/AU]; Suite 10, 17 Gerrale Street, Cronulla, NSW 2230 (AU).

(74) **ANDERSON-TAYLOR, Michael**; 10 Harrison Avenue, Bonnet Bay, NSW 2226 (AU).

(81) CA JP MX US.

(11) **WO 98/21420** (13) A1

(21) PCT/NO97/00299

(22) **11 Nov/nov 1997 (11.11.1997)**

- (25) en (26) en
 (31) 964844 (32) **15 Nov/nov 1996** (33) NO
 (15.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ E03F 1/00, 5/02, 5/10, A01G 25/06
- (54) APPARATUS FOR THE DISTRIBUTION OF WATER OR OTHER LIQUIDS
 DISPOSITIF DE DISTRIBUTION D'EAU OU D'AUTRES LIQUIDES
- (71, 72) **SONDOV, Sten, Y.** [-/NO]; Hagev. 1, N-3213 Sandefjord (NO).
- (74) **LARSEN, Rolf, Chr., B.**: ABC-Patent, Siviling. Rolf Chr. B. Larsen a.s, Brynsveien 5, N-0667 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN 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 (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 98/21421** (13) A1
 (21) PCT/US96/18005
 (22) **8 Nov/nov 1996** (08.11.1996)
 (25) en (26) en
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ E04B 1/04, 2/46
 (54) BLOCK STRUCTURE AND SYSTEM FOR ARRANGING ABOVE-GROUND FENCING, RAILING AND/OR SOUND BARRIERS
 SYSTEME ET STRUCTURE DE BLOCS PERMETTANT D'INSTALLER DES CLOTURES, DES RAILS ET/OU DES BARRIERES ANTI-BRUIT AU-DESSUS DU SOL
- (71) **ALLAN BLOCK CORPORATION** [US/US]; 7400 Metro Boulevard, Edina, MN 55439 (US).
- (72) **GRAVIER, Robert, A.**; 8717 Sandro Road, Bloomington, MN 55438 (US). **BOTT, Tim, Allen**; 7490 Tulip Court, Chanhassen, MN 55317 (US).
- (74) **HAUGEN, Orrin, M.**; Haugen and Nikolai, P.A., 820 International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3325 (US).
- (81) AU BR CA CN CZ HU JP KR MX NO NZ PL RU SG TR UA VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (b)
-
- (11) **WO 98/21422** (13) A1
 (21) PCT/SE97/01579
 (22) **19 Sep/sep 1997** (19.09.1997)
 (25) sv (26) en
 (31) 9604211-4 (32) **14 Nov/nov 1996** (33) SE
 (14.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ E04B 1/16 // E04C 2/18
 (54) BUILDING SYSTEM COMPRISING BUILDING ELEMENTS OF CEMENT-BOUND WOOD WOOL
 SYSTEME DE CONSTRUCTION COMPRENANT DES ELEMENTS DE CONSTRUCTION EN LAINE DE BOIS LIEE AU CIMENT
- (71) **NATALRIDGE LTD.** [GB/GB]; 14 Hall Park Hill, Berkhamstead, Herts HP4 2NH (GB).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUMAN, Johan** [ZA/SE]; Gillhögsvägen 4, S-246 57 Barsebäck (SE).
- (74) **WÄRULF, Olov**; Oxelösunds Patentbyrå HB, Sköldvägen 36, S-613 37 Oxelösund (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
-
- (11) **WO 98/21423** (13) A1
 (21) PCT/EP97/06055
 (22) **3 Nov/nov 1997** (03.11.1997)
 (25) de (26) de
 (31) 296 19 576.6 (32) **12 Nov/nov 1996** (33) DE
 (12.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ E04B 1/68
 (54) DAMP-PROOFED LAYERS
 PANNEAUX D'ETANCHEITE
- (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).
- (72) **SIMONIS, Udo**; Wingertstrasse 13, D-63549 Ronneburg (DE). **BENKHOFF, Hermann**; Schillersstrasse 9a, D-27356 Rotenburg (DE).
- (81) PL SK YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21424** (13) A1
 (21) PCT/US96/18033
 (22) **12 Nov/nov 1996** (12.11.1996)
 (25) en (26) en
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ E04B 2/00
 (54) MULTIPLE PANEL ASSEMBLY AND CONNECTOR ASSEMBLY THEREFOR
 ASSEMBLAGE DE PANNEAUX MULTIPLES ET SYSTEME DE CONNECTEUR POUR CET ASSEMBLAGE
- (71) **SHAPE CORPORATION** [US/US]; 1900 Hayes Street, Grand Haven, MI 49417 (US).
- (72) **STURRUS, Peter**; 14594 Indian Trails Drive, Grand Haven, MI 49417 (US).
- (74) **CARRIER, Robert, J.**; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, Southeast, P.O. Box 2567, Grand Rapids, MI 49501 (US).
- (81) CA CN JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (a)
-
- (11) **WO 98/21425** (13) A1
 (21) PCT/IB97/01636
 (22) **11 Nov/nov 1997** (11.11.1997)
- (25) de (26) de
 (31) 196 46 964.3 (32) **14 Nov/nov 1996** (33) DE
 (14.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ E04B 2/70
 (54) BUILDING WITH COLUMN-LIKE, VERTICALLY STANDING WALL ELEMENTS
 BATIMENT A ELEMENTS VERTICAUX SEMBLABLES A DES COLONNES
- (71, 72) **ECKLE, Wolfgang** [DE/DE]; Lindauer Strasse 46, D-88239 Wangen (DE).
- (74) **RIEBLING, Peter**; Postfach 3160, D-88113 Lindau (DE).
- (81) CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21426** (13) A1
 (21) PCT/IE97/00076
 (22) **12 Nov/nov 1997** (12.11.1997)
 (25) en (26) en
 (31) S960805 (32) **13 Nov/nov 1996** (33) IE
 (13.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ E04B 7/20
 (54) A ROOF FOR A HOUSE
 TOIT DE MAISON
- (71) **KOLLECTAIRE TECHNOLOGY LIMITED** [IE/IE]; 22a Cookstown Industrial Estate, Dublin 24 (IE).
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **QUIGLEY, William** [IE/IE]; 34 Knocklyon Heights, Templeogue, Dublin 16 (IE). **FORKIN, Mark** [IE/IE]; Springdale, Lehaunstown, Dublin 18 (IE).
- (74) **MACLACHLAN & DONALDSON**; 47 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21427** (13) A1
 (21) PCT/EP97/06247
 (22) **11 Nov/nov 1997** (11.11.1997)
 (25) de (26) de
 (31) A 1983/96 (32) **13 Nov/nov 1996** (33) AT
 (13.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ E04C 5/065
 (54) BRACED GIRDER FOR REINFORCING A CONCRETE PANEL
 POUTRE EN TREILLIS POUR L'ARMATURE D'UNE DALLE EN BETON
- (71) **NEMIS ESTABLISHMENT** [LI/LI]; Äulestrasse 74, FL-9490 Vaduz (LI).

- (74) **TORGLER, Paul** et al. / etc.; Wilhelm-Greilstrasse 16, A-6020 Innsbruck (AT).
- (81) BA CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) MK PL (Utility model / modèle d'utilité) SK (Utility model / modèle d'utilité) YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21428** (13) A1
(21) PCT/SE97/01780
(22) **24 Oct/oct 1997 (24.10.1997)**
(25) sv (26) en
(31) 9604105-8 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E04F 15/02, 15/14

- (54) AN ARRANGEMENT FOR JOINTING TOGETHER ADJACENT PIECES OF FLOOR COVERING MATERIAL
SYSTEME POUR RACCORDER DES ELEMENTS ADJACENTS DE MATERIAU DE REVETEMENT DE SOL

- (71) **AB GOLVABIA** [SE/SE]; P.O. Box 43, S-334 21 Anderstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Kjell** [SE/SE]; Violvägen 1, S-334 33 Anderstorp (SE).

(74) **WALLENGREN, Yngvar**; Patentbyrå Wallengren AB, P.O. Box 116, S-331 21 Värnamo (SE).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK EE ES FI GB GE 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 98/21429** (13) A1
(21) PCT/EP97/06238
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) de (26) de
(31) 296 19 562.6 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(31) 197 11 581.0 (32) **20 Mar/mar 1997 (20.03.1997)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E04G 21/08, B28B 1/093

- (54) DEVICE FOR COMPACTING CONCRETE IN A FORM
DISPOSITIF POUR LE COMPACTAGE DU BETON DANS UN COFFRAGE

(71, 72) **HEINZLE, Otto** [AT/CH]; Hinterburgstrasse 2, CH-9462 Montlingen (CH).

(74) **HIEBSCH, Gerhard, F.** et al. / etc.; Heinrich-Weber-Platz 1, D-78224 Singen (DE).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 98/21430** (13) A1
(21) PCT/RU97/00354
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) ru (26) ru
(31) 96121956 (32) **13 Nov/nov 1996 (13.11.1996)** (33) RU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E04H 3/10, E04B 1/32

- (54) LARGE-SPANNED STRUCTURE
INSTALLATION A GRANDES TRAVEES

(71, 72) **PAI, Vyacheslav Sergeevich** [RU/RU]; ul. Us-penskogo, 92-30, Vladivostok, 690003 (RU).

(74) **PATENT LAW FIRM "JUS"**; a/ya 184, Moscow, 103009 (RU).

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

- (11) **WO 98/21431** (13) A1
(21) PCT/GB96/02816
(22) **15 Nov/nov 1996 (15.11.1996)**
(25) en (26) en
(31) 9623404.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E04H 12/22, A47G 33/12

- (54) IMPROVEMENTS IN OR RELATING TO A SUPPORT DEVICE
AMELIORATIONS APPORTEES A UN DISPOSITIF DE SUPPORT

(71, 72) **TSAPPI, Philip** [GB/GB]; 24 Alder Grove, Cricklewood, London NW2 7DB (GB).

(81) AT AU CA CH CZ DE DK ES FI GB HU IL JP LU MX NO NZ PT SE SG US; 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 : (a)

- (11) **WO 98/21432** (13) A1
(21) PCT/AU97/00769
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) en (26) en
(31) PO 3525 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E05C 1/16

- (54) DOOR LATCH MECHANISM
MECANISME DE SERRURE POUR PORTE

(71, 72) **FORTUNE, Geoffrey, James** [AU/AU]; 10 Luckie Street, Nunawading, VIC 3131 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21433** (13) A1
(21) PCT/EP97/05833
(22) **22 Oct/oct 1997 (22.10.1997)**
(25) de (26) de
(31) 196 46 999.6 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E05D 11/00

- (54) MOTOR VEHICLE WITH SAFETY BODY-WORK
VEHICULE A MOTEUR POURVU D'UNE CARROSSERIE DE SECURITE

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIEDEWALD, Klaus** [DE/DE]; Mühlenring 36, D-38104 Braunschweig (DE). **HEUMANN, Gert** [DE/DE]; Neuköllnstrasse 8, D-38108 Braunschweig (DE). **ENSSLEN, Arnold** [DE/DE]; Zum Rotstücken 10, D-38446 Wolfsburg (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

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

Published / Publiée : (c)

- (11) **WO 98/21434** (13) A1
(21) PCT/EP97/06190
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) de (26) de
(31) 196 46 911.2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(31) 197 05 890.6 (32) **15 Feb/fév 1997 (15.02.1997)** (33) DE

(31) 197 46 154.9 (32) **18 Oct/oct 1997 (18.10.1997)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ E05F 15/12

- (54) ROTATING SHUTTER FOR WINDOW OR DOOR OPENINGS
VOLETS PIVOTANTS POUR OUVERTURES DE FENETRES ET DE PORTES

(71) **WAREMA SONNENSCHUTZTECHNIK GMBH** [DE/DE]; Ostring 6, D-09212 Limbach-Oberfrohna (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BILSING, Friedhelm** [DE/DE]; Weststrasse 64, D-09212 Limbach-Oberfrohna (DE). **MICKE-TEIT, Thomas** [DE/DE]; August-Bebel-Strasse 28, D-09224 Grüns (DE). **GLÄSER, Jens** [DE/DE]; Göbelstrasse 1, D-09116 Chemnitz (DE).

(74) **JOCHEM, Bernd**; Staufenstrasse 36, D-60323 Frankfurt am Main (DE).

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

Published / Publiée : (c)

- (11) **WO 98/21435** (13) A1
(21) PCT/GB97/03071
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 9623414.1 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB

- (31) 9704836.7 (32) **8 Mar/mar 1997** (33) GB (08.03.1997)
- (31) 9717373.6 (32) **16 Aug/Août 1997** (33) GB (16.08.1997)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ E06B 3/22
- (54) FRAME STRUCTURES
STRUCTURE DE CHARPENTE
- (71) **METSEC PLC** [GB/GB]; Broadwell Road, Oldbury, Warley B69 4HE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAKER, Graham** [GB/GB]; 15 Greenfels Rise, Oakham, Dudley, West Midlands DY2 7TP (GB). **CREDLAND, John, Edgar** [GB/GB]; 4 Primrose Close, Wheaton Aston, Stafford ST19 9PX (GB). **HAMPE, Michael** [GB/GB]; 95 McKean Road, Oldbury, Warley, West Midlands B69 4BA (GB). **TAYLOR, John, Kenneth** [GB/GB]; 20 Blaydon Avenue, Sutton Coldfield, West Midlands B76 1WQ (GB).
- (74) **CARPENTER, David** et al. / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (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 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 98/21436** (13) A1
- (21) PCT/EP97/06316
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) de (26) de
- (31) 196 46 842.6 (32) **13 Nov/nov 1996** (33) DE (13.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ E06B 7/10
- (54) WINDOW WITH VENTILATION LOUVRE MOUNTED IN A SWINGING MANNER IN THE FITTING GROOVE OF THE CASEMENT FENETRE COMPORTANT UN VOLET DE VENTILATION MONTE OSCILLANT DANS LA RAINURE DE FERRURE
- (71) **GEALAN WERK FICKENSCHER GMBH** [DE/DE]; Hofer Strasse 80, D-95145 Oberkotzau (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FREHSE, Helmut** [DE/DE]; Südring 55, D-95032 Hof (DE).
- (74) **FLEUCHAUS, Leo**; Melchiorstrasse 42, D-81479 München (DE) et al. / etc.
- (81) BA BG CA CN CZ EE GE HU JP LT LV PL RO SK UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- Published / Publiée : (c)
-
- (11) **WO 98/21437** (13) A1
- (21) PCT/US96/17747
- (22) **11 Nov/nov 1996 (11.11.1996)**
- (25) en (26) en
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ E06B 9/305
- (54) VENETIAN TYPE BLINDS
STORES DE TYPE VENITIEN
- (71, 72) **JUDKINS, Ren** [US/US]; 46 Newgate Road, Pittsburgh, PA 15202 (US).
- (74) **ALSTADT, Lynn, J.**; One Oxford Centre, 20th floor, 301 Grant Street, Pittsburgh, PA 15219-1410 (US).
- (81) AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (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 98/21438** (13) A1
- (21) PCT/NZ97/00143
- (22) **24 Oct/oct 1997 (24.10.1997)**
- (25) en (26) en
- (31) 299721 (32) **8 Nov/nov 1996** (33) NZ (08.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ E06B 9/68, E05F 15/14, 15/16, F16H 55/26
- (54) A RACK AND PINION DOOR DRIVE SYSTEM SYSTEME D'ENTRAÎNEMENT DE PORTE A PIGNON ET CREMAILLERE
- (71) **HOWICK ENGINEERING LIMITED** [NZ/NZ]; 117 Vincent Street, Howick, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COUBRAY, Bruce, Arthur** [NZ/NZ]; 47 Pounui Street, St. Heliers (NZ). **COUBRAY, Alan, Keith** [NZ/NZ]; 13 Hattaway Avenue, Bucklands Beach, Auckland (NZ).
- (74) **CALHOUN, Douglas, D.** et al. / etc.; A. J. Park & Son, Huddart Parker Building, 6th floor, Post Office Square, P.O. Box 949, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21439** (13) A1
- (21) PCT/AT97/00247
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) de (26) de
- (31) A 1978/96 (32) **12 Nov/nov 1996** (33) AT (12.11.1996)
- (31) A 1065/97 (32) **18 Jun/juin 1997** (33) AT (18.06.1997)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ E21B 7/20, E21D 20/00, E02D 5/76
- (54) PROCESS AND DEVICE FOR SIMULTANEOUSLY DRILLING AND LINING A HOLE PROCEDE ET DISPOSITIF POUR FORER ET REVETIR EN MEME TEMPS DES TROUS
- (71) **TECHMO ENTWICKLUNGS- UND VERTRIEBS GMBH** [AT/AT]; Hauptstrasse 52, A-8753 Fohnsdorf (AT). **"ALWAG" TUNNELAUSBAU GESELLSCHAFT MBH** [AT/AT]; Wagram 49, A-4061 Pasching (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOCIVNIK, Josef** [AT/AT]; Bachstrasse 12, A-8753 Fohnsdorf (AT). **BÖHM, Karl** [AT/AT]; Sommerlandstrasse 12, A-4052 Ansfelden (AT).
- (74) **MIKSOVSKY, Alexander**; Miksovsky & Pollhammer OEG, Währingerstrasse 3, A-1096 Wien (AT).
- (81) AU CA CN CZ HU ID JP KP KR NO PL RU SG SI SK TR US YU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21440** (13) A1
- (21) PCT/US97/20137
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) en (26) en
- (31) 08/747,548 (32) **12 Nov/nov 1996** (33) US (12.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ E21B 10/08
- (54) GAUGE FACE INLAY FOR BIT HARDFACING INCRUSTATION DE CHANT POUR RECHARGEMENT DE TREPAN
- (71) **BAROID TECHNOLOGY, INC.** [US/US]; 300 N. Sam Houston Parkway East, Houston, TX 77032 (US).
- (72) **ARFELE, Robert, W.**; 155 Evanston Street, Houston, TX 77015 (US).
- (74) **TORRES, Carlos, A.**; Browning Bushman, Suite 1800, 5718 Westheimer, Houston, TX 77057 (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 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- Published / Publiée : (c)
-
- (11) **WO 98/21441** (13) A1
- (21) PCT/US97/20132
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) en (26) en
- (31) 08/747,550 (32) **12 Nov/nov 1996** (33) US (12.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ E21B 10/46
- (54) STEEL-BODIED BIT
TREPAN A CORPS EN ACIER
- (71) **BAROID TECHNOLOGY INC.** [US/US]; 3000 N. Sam Houston Parkway East, Houston, TX 77032 (US).
- (72) **ARFELE, Robert, W.**; 155 Evanston Street, Houston, TX 77015 (US). **ESPIRITU, George, A.**; 2019 South Gessner Road #D4, Houston, TX 77063 (US). **MARTIN, Edward, R., Jr.**; 5902 Fallengate Drive, Spring, TX 77373 (US).
- (74) **TORRES, Carlos, A.**; Browning Bushman, Suite 1800, 5718 Westheimer, Houston, TX 77057 (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 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-

- (11) **WO 98/21442** (13) A1
(21) PCT/DE97/02658
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) de (26) de
(31) 196 46 471.4 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
(31) 197 34 094.6 (32) **7 Aug/Août 1997 (07.08.1997)** (33) DE
(31) 197 34 093.8 (32) **7 Aug/Août 1997 (07.08.1997)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E21B 10/58, 10/44
(54) **ROCK DRILL FLEURET A ROCHER**
(71) **HAWERA PROBST GMBH** [DE/DE]; Schützenstrasse 77, D-88212 Ravensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HAUSSMANN, August** [DE/DE]; In der Gebhard-Fügel-Strasse 17, D-88213 Ravensburg (DE). **FUSS, Mathias** [DE/DE]; Mühlbachweg 5, D-88258 Weingarten (DE). **MOSER, Bernhard** [DE/DE]; Ulrichstrasse 31, D-88361 Altshausen (DE). **WAGEGG, Thomas** [DE/DE]; Rehweg 1, D-88353 Kisslegg (DE).
(74) **OTTEN, H.**; Eisele, Otten & Roth, Seestrasse 42, D-88214 Ravensburg (DE).
(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/21443** (13) A1
(21) PCT/US97/18996
(22) **10 Oct/oct 1997 (10.10.1997)**
(25) en (26) en
(31) 08/748,450 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E21B 19/07, 19/10
(54) **ELEVATOR AND SPIDER APPARATUS APPAREIL ELEVATEUR DE TYPE ARAIGNEE**
(71) **FRANK'S INTERNATIONAL, INC.** [US/US]; Suite 1000, 9821 Katy Freeway, Houston, TX 77024 (US).
(72) **WEBRE, Charles, M.**; P.O. Box 51729, Lafayette, LA 70505 (US). **BOULIGNY, Vernon**; P.O. Box 51729, Lafayette, LA 70505 (US). **MOSING, Donald, E.**; P.O. Box 53909, Lafayette, LA 70505 (US).
(74) **MASON, Dwayne, L.** et al. / etc.; Matthews, Joseph and Shaddox, L.L.P., P.O. Box 572957, Houston, TX 77257-2957 (US).
(81) CA NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21444** (13) A2
(21) PCT/GB97/03049
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/748,987 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(31) 08/946,145 (32) **7 Oct/oct 1997 (07.10.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E21B 29/10, 43/10, F16L 55/162
(54) **APPARATUS AND METHOD FOR EXPANDING A LINER PATCH; A STROKE INDICATOR; AND A TUBULAR PATCH APPAREIL ET PROCEDE D'EXTENSION D'UNE PIECE DE REVETEMENT, INDICATEUR DE COURSE ET PIECE POUR MATERIEL TUBULAIRE**
(71) **WEATHERFORD/LAMB, INC.** [US/US]; 1013 Centre Road, Wilmington, DE 19805 (US). **LUCAS, Brian, Ronald** [GB/GB]; 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).
(72) **BAILEY, Thomas, Floyd**; 13055 Pebblebrook, Houston, TX 77079 (US). **HAUGEN, David, Michael**; 408 North Iowa Street, League City, TX 77573 (US). **SMALLEY, Michael, Tague**; 11111 Saathoff Street #1007, Cypress, TX 77429 (US). **WRIGHT, Ralph, David**; #1 Barley Hill Close, Kintore Inverurie, Aberdeen, AB51 0XR (GB). **TILTON, Fredrick, Thomas**; 3414 Rolling Terrace, Spring, TX 77388 (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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21445** (13) A1
(21) PCT/US97/20947
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 60/030,918 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E21B 33/129, 17/00, 33/12
(54) **COMMUNICATION CONDUIT IN A WELL TOOL CONDUIT DE COMMUNICATION DANS UN OUTIL DE PUIITS**
(71) **CAMCO INTERNATIONAL, INC.** [US/US]; 7030 Ardmore, Houston, TX 77054 (US).
(72) **PRINGLE, Ronald, E.**; 12030 White Cap Lane, Houston, TX 77072 (US). **MORRIS, Arthur, J.**; 30111 Hazy Hollow, Magnolia, TX 77355 (US).
(74) **QUISENBERRY, C., Dale**; Tobor & Goldstein, L.L.P., Suite 2300, 1360 Post Oak Boulevard, Houston, TX 77056-3023 (US).
(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 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 98/21446** (13) A1
(21) PCT/GB97/03076
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 9623742.5 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB
(31) 9623736.7 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB
(31) 9626443.7 (32) **20 Dec/déc 1996 (20.12.1996)** (33) GB
- (31) 9709064.1 (32) **2 May/mai 1997 (02.05.1997)** (33) GB
(31) 9713709.5 (32) **27 Jun/juin 1997 (27.06.1997)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E21B 37/06, C10L 1/18, 1/14
(54) **INHIBITORS AND THEIR USES IN OILS INHIBITEURS ET LEURS APPLICATIONS DANS DES HUILES**
(71) **BP EXPLORATION OPERATING COMPANY LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DUNCUM, Simon, Neil** [GB/GB]; 6 Cressida Chase, Warfield, Bracknell, Berkshire RG42 3UD (GB). **HODGSON, Philip, Kenneth, Gordon** [GB/GB]; Farley Cottage, 82 Silverdale Avenue, Walton-on-Thames, Surrey KT12 1EL (GB). **JAMES, Keith** [GB/GB]; 69 Rectory Lane, Woodmansterne, Banstead, Surrey SM7 3PE (GB). **OSBORNE, Christopher, George** [GB/GB]; 66 Mickle Hill, Sandhurst, Berkshire GU47 8QU (GB).
(74) **WILSON, Michael, John**; BP International Limited, Group Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 98/21447** (13) A1
(21) PCT/US97/20700
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) 08/748,182 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E21B 43/00
(54) **METHOD FOR ACCELERATING PRODUCTION - C-I-P II PROCEDE DE PRODUCTION ACCELEREE**
(71, 72) **HISAW, Jack, C.** [US/US]; 114 Froeba Lane, Carencro, LA 70520 (US). **GAZEWOOD, Michael, J.** [US/US]; 402 Machine Loop, Scott, LA 70583 (US).
(74) **DOMINGUE, C., Dean**; Domingue, Delaune & Waddell, The Gardens, Suite I, 1003 Hugh Wallis Road, Lafayette, LA 70508 (US).
(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
-
- (11) **WO 98/21448** (13) A1
(21) PCT/US96/17941
(22) **8 Nov/nov 1996 (08.11.1996)**
(25) en (26) en
(43) 22 May/mai 1998 (22.05.1998)

- (51)⁶ E21B 47/022
- (54) METHOD OF CORRECTING WELLBORE MAGNETOMETER ERRORS
PROCEDE DE CORRECTION DES ERREURS D'UN MAGNETOMETRE DANS UN Puits DE FORAGE
- (71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).
- (72) **BROOKS, Andrew, Goodwin**; 15531 Hermitage Oaks Drive, Tomball, TX 77375 (US).
- (74) **ROWOLD, Carl, A.** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).
- (81) CA GB NO; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21449** (13) A1
(21) PCT/US97/21194
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/747,446 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ E21C 35/20, B65G 21/10
- (54) SWING TAIL ASSEMBLY FOR MINER ENSEMBLE QUEUE PIVOTANTE DESTINE A UNE MACHINE D'EXPLOITATION MINIERE
- (71) **ARCH TECHNOLOGY CORPORATION** [US/US]; Cityplace One, St. Louis, MO 63141 (US).
- (72) **COLEMAN, George, E.**; 304 Deck Valley Lane, Bristol, TN 37620 (US). **WALKER, Michael, R.**; 201 Winding Way Road, Bristol, VA 24201 (US).
- (74) **BYRNE, Richard, L.** et al. / etc.; Webb Ziesenheim Bruening Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).
- (81) AU CA GB MX.
- Published / Publiée : (c)
-
- (11) **WO 98/21450** (13) A1
(21) PCT/US97/18621
(22) **8 Oct/oct 1997 (08.10.1997)**
(25) en (26) en
(31) 08/746,328 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ F01D 21/00, F23N 5/08, 5/24, F23M 11/02, F23D 14/82
- (54) COMBUSTOR WITH FLASHBACK ARRESTING SYSTEM
DISPOSITIF COMBUSTOR AVEC SYSTEME DE RETOUR DE FLAMME
- (71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).
- (72) **AMOS, David, Joseph**; 8518 Sidon Street, Orlando, FL 32817 (US). **NEWBURRY, Donald, Maurice**; 2423 Fabry Circle, Orlando, FL 32817-2756 (US). **BUNCE, Richard, Robert**; 261 Lyman Drive, Casselberry, FL 22707 (US).
- (74) **MAIRE, David, G.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).
- (81) CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21451** (13) A1
(21) PCT/DE97/02607
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) de (26) de
(31) 196 46 182.0 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ F01D 21/12, 19/02
- (54) TURBINE CONTROL DEVICE AND METHOD FOR REGULATING THE LOAD ALTERNATION PROCESS IN A TURBINE
DISPOSITIF DE COMMANDE DE TURBINE ET PROCEDE DE REGULATION DU CYCLE D'EFFORT D'UNE TURBINE
- (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) **GOBRECHT, Edwin** [DE/DE]; Roßbruchring 50, D-40885 Ratingen (DE). **LANGBEIN, Rolf** [DE/DE]; Lombergsweg 6, D-44879 Bochum (DE).
- (81) CN CZ JP KR PL RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21452** (13) A1
(21) PCT/CH97/00428
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) de (26) de
(31) 2795/96 (32) **12 Nov/nov 1996 (12.11.1996)** (33) CH
(31) 0826/97 (32) **9 Apr/avr 1997 (09.04.1997)** (33) CH
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ F01L 3/06
- (54) DEVICE FOR MIXING AIR AND FUEL IN THE COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE
DISPOSITIF POUR MELANGER L'AIR ET LE CARBURANT DANS LA CHAMBRE DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE
- (71) **TK DESIGN AG** [LI/LI]; Mitteldorf 1, FL-9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEITHINGER, Siegfried, Franz** [AT/CH]; Schwyzerstrasse 20a, CH-8805 Richterswil (CH).
- (74) **FELBER & PARTNER AG**; Dufourstrasse 116, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (b)
-
- (11) **WO 98/21453** (13) A2
(21) PCT/EP97/06044
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) de (26) de
(31) 196 46 242.8 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ F01N
- (54) CATALYTIC CONVERTER FOR A SMALL-SIZE ENGINE
CONVERTISSEUR CATALYTIQUE POUR MOTEUR DE FAIBLE PUISSANCE
- (71) **EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH** [DE/DE]; Hauptstrasse 150, D-53797 Lohmar (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRÜCK, Rolf** [DE/DE]; Fröbelstrasse 12, D-51429 Bergisch Gladbach (DE). **MAUS, Wolfgang** [DE/DE]; Gut Horst, D-51429 Bergisch Gladbach (DE).
- (74) **KAHLHÖFER, Hermann**; Xantener Strasse 12, D-40474 Düsseldorf (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21454** (13) A1
(21) PCT/DE97/02548
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) de (26) de
(31) 196 46 025.5 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ F01N 3/20, 3/28
- (54) HEATING DEVICE FOR A CATALYST
DISPOSITIF DE CHAUFFE POUR CATALYSEUR
- (71) **ECO BAU LOGISTIKZENTRUM GMBH** [DE/DE]; Siemensstrasse 7-9, D-26897 Papenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **SCHÜRMANN, Heinrich** [DE/DE]; Birkensstrasse 19, D-49808 Lingen (DE).
- (72, 75) **WESTERKAMP, Walter** [DE/DE]; Wilhelm-Mühlmeier-Strasse 4, D-49577 Ankum (DE).
- (74) **BORCHARD, Wolfgang**; Samuel-Lampel-Strasse 4, D-04357 Leipzig (DE).
- (81) AU BR CA CZ HU 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 98/21455** (13) A1
(21) PCT/US97/21191
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/747,634 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F01P 3/22

(54) HERMETICALLY-SEALED ENGINE COOLING SYSTEM AND RELATED METHOD OF COOLING

SYSTEME DE REFROIDISSEMENT POUR MOTEUR HERMETIQUEMENT FERME ET PROCEDE DE REFROIDISSEMENT ASSOCIE

(71) **EVANS COOLING SYSTEMS, INC.** [US/US]; 255 Route 41 North, Sharon, CT 06069 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **EVANS, John, W.** [US/US]; 255 Route 41 North, Sharon, CT 06069 (US).(74) **GIARRATANA, Mark, D.**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21456** (13) A1

(21) PCT/CA97/00830

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 747,396 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02B 33/26, 73/00

(54) AIR-COOLED SELF-SUPERCHARGING FOUR STROKE INTERNAL COMBUSTION ENGINE MOTEUR A COMBUSTION INTERNE, A QUATRE TEMPS, A SURALIMENTATION AUTONOME ET A REFROIDISSEMENT A AIR

(71, 72) **PARK, Gile, Jun, Yang** [CA/CA]; 6715 Arcola Street, Burnaby, British Columbia V5E 1H4 (CA).(74) **OYEN, Gerald, O., S.**; Oyen Wiggs Green & Mutala, #480 - 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).

Published / Publiée : (b)

(11) **WO 98/21457** (13) A1

(21) PCT/US97/19027

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) en (26) en

(31) 08/751,052 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02B 37/00

(54) TURBOCHARGED ENGINE SYSTEM WITH RECIRCULATION AND SUPPLEMENTAL AIR SUPPLY

SYSTEME DE MOTEUR A TURBOCOM-PRESSEUR POURVU D'UNE ALIMENTATION D'AIR DE RECIRCULATION ET DE RESERVE

(71, 72) **LAWSON, Thomas, Towles, Jr.** [US/US]; 2815 Catawba Road, Daleville, VA 24083 (US).(74) **LAUBSCHER, Lawrence, E., Jr.**; Laubscher & Laubscher, Suite 300, 745 South 23rd Street, Arlington, VA 22202 (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 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 98/21458** (13) A1

(21) PCT/FR97/02035

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fr (26) fr

(31) 96/14109 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02B 73/00, F01B 31/24

(54) INTERNAL COMBUSTION ENGINE MOTEUR A COMBUSTION INTERNE

(71, 72) **DESCLAUX, Michel** [FR/FR]; Route de la Trinité, F-31810 Venerque (FR).(74) **MORELLE, Guy**; Cabinet Morelle & Bardou, SC, Boîte postale 4127, F-31030 Toulouse Cedex 4 (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 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 98/21459** (13) A1

(21) PCT/US96/18199

(22) **14 Nov/nov 1996 (14.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02B 75/06

(54) OFFSET CRANKSHAFT MECHANISM FOR AN INTERNAL COMBUSTION ENGINE MECANISME DE VILEBREQUIN DECALE POUR MOTEUR A COMBUSTION INTERNE

(71, 72) **GARVIN, Edward, A.** [US/US]; 205 Johnston Street, Savannah, GA 31405-5606 (US).(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215-0035 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 (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 98/21460** (13) A1

(21) PCT/CH97/00407

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

(25) de (26) de

(31) 96810757.3 (32) **8 Nov/nov 1996 (08.11.1996)** (33) EP

(34) AT et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02D 9/10, F02M 35/10

(54) THROTTLE VALVE ARRANGEMENT FOR AN INTERNAL COMBUSTION ENGINE AGENCEMENT DE CLAPET D'ETRANGLEMENT POUR UN MOTEUR A COMBUSTION INTERNE

(71) **ALUSUISSE TECHNOLOGY & MANAGEMENT AG** [CH/CH]; CH-8212 Neuhausen am Rheinfall (CH).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **DAHMEN, Gerhard** [DE/CH]; 11, chemin des Peupliers, CH-3960 Sierre (CH). **SAUR, Erhard** [CH/CH]; 7, chemin des Peupliers, CH-3960 Sierre (CH). **POYETTON, Bernard** [FR/CH]; 17, chemin des Peupliers, CH-3960 Sierre (CH).(74) **ALUSUISSE TECHNOLOGY & MANAGEMENT AG**; CH-8212 Neuhausen am Rheinfall (CH).

(81) BR CA CN CZ HU JP KR MX NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21461** (13) A1

(21) PCT/GB97/03080

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9623517.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02D 11/10, 41/14

(54) MODE CONTROL FOR LEAN BURN ENGINES COMMANDE DE MODE POUR MOTEUR A COMBUSTION A MELANGE PAUVRE

(71) **FORD GLOBAL TECHNOLOGIES, INC.** [US/US]; Suite 911, Parklane Towers East, Parkland Boulevard, Dearborn, MI 48136 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **MA, Thomas, Tsoi, Hei** [GB/GB]; 1 Collingwood Road, South Woodham Ferrers, Chelmsford, Essex CM3 5BY (GB).(74) **MESSULAM, Alec, Moses**; A. Messulam & Co., 24 Broadway, Leigh on Sea, Essex SS9 1BN (GB).

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

(11) **WO 98/21462** (13) A1

(21) PCT/US97/20380

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/748,846 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02D 17/04, F01D 21/00, 21/02, F02C 7/277, 9/16

(54) AIR TURBINE FLOW RESTRICTOR
REDUCTEUR DE DEBIT DE TURBINE A AIR

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **ROMINEK, Jon, P.**; 5006 S. Juniper Street, Tempe, AZ 85282 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (Attn: E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

Published / Publiée : (c)

(11) **WO 98/21463** (13) A1

(21) PCT/AU97/00776

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) PO 3555 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02D 19/02, F02M 21/06

(54) GASEOUS FUEL SUPPLY CONTROL AND FUEL VAPORISER
COMMANDE D'ALIMENTATION EN CARBURANT GAZEUX ET VAPORISATEUR DE CARBURANT

(71) **SMARTGAS LIMITED** [AU/AU]; 36 Harvey Street North, Eagle Farm, QLD 4009 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TURNER, Paul** [AU/AU]; 31 Brentwood Drive, Daisy Hill, QLD 4127 (AU).

(74) **PIZZEYS PATENT AND TRADE MARK ATTORNEYS**; Level 6, 444 Queen Street, Brisbane, QLD 4000 (AU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (a)

(11) **WO 98/21464** (13) A1

(21) PCT/EP97/06047

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 46 069.7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02D 41/14, 45/00

(54) OPERATING METHOD FOR A MOTOR VEHICLE DRIVING UNIT
PROCEDE DE FONCTIONNEMENT D'UNE UNITE D'ENTRAINEMENT POUR VEHICULES A MOTEUR

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D-88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOSS, Ralf** [DE/DE]; Bachstrasse 8/1, D-88079 Kressbronn (DE). **SORG, Johannes** [DE/DE]; Bagnatostrasse 53, D-88213 Ravensburg (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D-88038 Friedrichshafen (DE).

(81) 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 98/21465** (13) A1

(21) PCT/GB97/03127

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 9623700.3 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02F 3/28, 3/26, F02B 21/02, B22D 19/00

(54) PISTON WITH CHAMBER
PISTON COMPORTANT UNE CHAMBRE

(71) **T & N TECHNOLOGY LIMITED** [GB/GB]; Cawston House, Cawston Lane, Rugby, Warwickshire CV22 7SA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLEE, Roger, Harvey** [GB/GB]; 28 Oackwood Grove, Warwick, Warwickshire CV34 5TD (GB).

(74) **DRURY, Peter, Lawrence** et al. / etc.; T & N plc, Bowdon House, Ashburton Road West, Trafford Park, Manchester M17 1RA (GB).

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

(11) **WO 98/21466** (13) A1

(21) PCT/FR97/02024

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) fr (26) fr

(31) 96/13861 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02K 1/76

(54) ELECTRIC CONTROL SYSTEM FOR TURBOJET THRUST REVERSER
SYSTEME DE COMMANDE ELECTRIQUE POUR INVERSEUR DE POUSSEE DE TURBOREACTEUR

(71) **HISPANO-SUIZA** [FR/FR]; 2, boulevard du Général Martial Valin, F-75015 Paris (FR).

(72) **BAUDU, Pierre, André, Marcel**; 41, avenue Foch, F-76600 Le Havre (FR). **GONIDEC, Patrick**; 10, rue de Bourgogne, F-76290 Montivilliers (FR). **VAUCHEL, Guy, Bernard**; 316, rue Pierre Mendès France, F-76610 Le Havre (FR).

(74) **BERROU, Paul**; Snecma Service des Brevets, Boîte postale 81, F-91003 Evry Cedex (FR).

(81) AU RU UA.

Published / Publiée : (c)

(11) **WO 98/21467** (13) A2

(21) PCT/US97/14014

(22) **7 Aug/Août 1997 (07.08.1997)**

(25) en (26) en

(31) 08/745.709 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02M

(54) POSITIVE CRANKCASE VENTILATION VALVE FOR MOTOR VEHICLE
SOUPAPE DE RECYCLAGE DES GAZ DE CARTER POUR VEHICULES A MOTEUR

(71) **MINIATURE PRECISION COMPONENTS, INC.** [US/US]; Walworth Industrial Park, P.O. Box 1901, Walworth, WI 53184 (US).

(72) **SCHUMACHER, Jeffrey, A.**; 29100 Manor Drive, Waterford, WI 53185 (US).

(74) **RETTIG, Philip, E.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48098 (US).

(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 98/21468** (13) A1

(21) PCT/EP97/06213

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 47 184.2 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02M 35/10

(54) SUCTION MODULE FOR AN INTERNAL COMBUSTION ENGINE
MODULE D'ADMISSION POUR UN MOTEUR A COMBUSTION INTERNE

(71) **FILTERWERK MANN+HUMMEL GMBH** [DE/DE]; D-71631 Ludwigsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERNST, Volker** [DE/DE]; Oststrasse 2, D-74343 Sachsenheim (DE). **KLOTZ, Arthur** [DE/DE]; Ludwigsburger Strasse 45, D-71686 Remseck (DE). **LEIPELT, Rudolf** [DE/DE]; Föhlenbergstrasse 7/1, D-71672 Marbach (DE). **SCHERMULY, Thomas** [DE/DE]; Heilbronner Strasse 45, D-74223 Flein (DE).

(74) **VOTH, Gerhard**; Filterwerk Mann+Hummel GmbH, D-71631 Ludwigsburg (DE).

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

Published / Publiée : (c)

(11) **WO 98/21469** (13) A1

(21) PCT/DE97/01383

(22) **2 Jul/juil 1997 (02.07.1997)**

(25) de (26) de

(31) 196 47 049.8 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02M 55/02

(54) FUEL INJECTION SYSTEM
SYSTEME D'INJECTION DE CARBURANT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAIER, Claus** [DE/DE]; Droste-Huelshoff-Strasse 42, D-71642 Ludwigsburg (DE). **SUNDERMANN, Stefan** [DE/FR]; 39 bis, rue Laugier, F-75017 Paris (FR). **BALBOA, Antonio** [DE/DE]; Rosenbergstrasse 180, D-70193 Stuttgart (DE).

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

(11) **WO 98/21470** (13) A1

(21) PCT/DE97/01370

(22) **30 Jun/juin 1997 (30.06.1997)**

(25) de (26) de

(31) 196 46 581.8 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02M 63/02

(54) FUEL INJECTOR
SYSTEME D'INJECTION DE CARBURANT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLINGER, Horst** [DE/DE]; Belschnerstrasse 22, D-71636 Ludwigsburg (DE). **KUHN, Uwe** [DE/DE]; Kurze Strasse 1, D-72585 Riedelrich (DE). **ROSENAU, Bernd** [DE/DE]; Ulmer Strasse 1, D-71732 Tamm (DE). **TRAUB, Peter** [DE/DE]; Spemannstrasse 26, D-70186 Stuttgart (DE). **LOESCH, Gerd** [DE/DE]; Gaensebergstrasse 25, D-70437 Stuttgart (DE). **SOCCOL, Sandro** [DE/DE]; Panoramastrasse 49, D-74321 Bietigheim-Bissingen (DE).

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

(11) **WO 98/21471** (13) A1

(21) PCT/GB97/02946

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

(25) en (26) en

(31) 9623514.8 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02N 17/00, F02G 1/043

(54) MAGNETIC STARTING SYSTEM
SYSTEME DE DEMARRAGE MAGNETIQUE

(71, 72) **PAGEL, Arnfried, Günter, Dagobert** [NL/GB]; The Mount, Molyneux Avenue, Bovingdon, Herts HP3 0NZ (GB).

(74) **McCABE, Elfrieda**; 28 Haslemere Road, Flixton, Manchester M41 6HA (GB).

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

(11) **WO 98/21472** (13) A1

(21) PCT/GB97/03095

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623509.8 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F02P 17/12

(54) MONITORING COMBUSTION QUALITY

CONTROLE DE LA QUALITE DE COMBUSTION

(71) **FORD GLOBAL TECHNOLOGIES, INC.** [US/US]; Parklane Towers East, Suite 911, Parkland Boulevard, Dearborn, MI 48136 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MA, Thomas, Tsoi-Hei** [GB/GB]; 1 Collingwood Road, South Woodham Ferrers, Chelmsford, Essex CM3 5BY (GB).

(74) **MESSULAM, Alec, Moses**; A. Messulam & Co., 24 Broadway, Leigh on Sea, Essex SS9 1BN (GB).

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

(11) **WO 98/21473** (13) A1

(21) PCT/AU97/00758

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) PO 3613 (32) **14 Nov/nov 1996 (14.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F03B 13/24, E02B 9/08

(54) OCEAN WAVE ENERGY EXTRACTION
EXTRACTION DE L'ENERGIE DES VAGUES DE L'OCEAN

(71) **ENERGETECH AUSTRALIA PTY. LIMITED** [AU/AU]; 100 Frenchmans Road, Randwick, NSW 2031 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DENNISS, Tom** [AU/AU]; 100 Frenchmans Road, Randwick, NSW 2031 (AU).

(74) **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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21474** (13) A1

(21) PCT/FR97/02025

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) fr (26) fr

(31) 96/14334 (32) **12 Nov/nov 1996 (12.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F03D 9/00

(54) SYSTEM FOR STORING ENERGY USING AIR UNDER PRESSURE DRIVEN BY A WIND POWER ENGINE
SYSTEME DE STOCKAGE D'ENERGIE PAR AIR SOUS PRESSION ENTRAINE PAR EOLIENNE

(71) **B.M.D. (BARILI MARTINO DEVELOPPEMENTS) S.A.R.L.** [FR/FR]; Haut du Village, F-20620 Biguglia (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTINO, Alvaro** [FR/FR]; Le Stagnu N° 23, Route de la Marana, F-20290 Borgo (FR).

(74) **HAMMOND, William**; Cabinet Courtassol & Associés, 1, avenue Liserb, F-06000 Nice (FR).

(81) AU BR CA CN CU CZ IL JP MK NO NZ PL TR 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).

Published / Publiée : (c)

(11) **WO 98/21475** (13) A1

(21) PCT/EP97/06210

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 46 887.6 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F03G 7/06

(54) CONTRACTION MACHINE
MACHINE DE CONTRACTION

(71) **HASSE HIGH PRESSURE ENGINEERING** [DE/DE]; Kreisstrasse 54, D-31655 Stadthagen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASSE, Hans-Helmut** [DE/DE]; Kreisstrasse 54, D-31655 Stadthagen (DE).

(74) **KÖNIG, Norbert**; Leine & König, Burckhardstrasse 1, D-30163 Hannover (DE).

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

Published / Publiée : (c)

(11) **WO 98/21476** (13) A1

(21) PCT/IT97/00011

(22) **20 Jan/jan 1997 (20.01.1997)**

(25) en (26) en

(31) MI96A002327 (32) **11 Nov/nov 1996 (11.11.1996)** (33) IT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F04B 33/00

(54) COAXIAL VALVE-TYPE ALTERNATING PUMP ESPECIALLY FOR BOATS SUCH AS A RUBBER DINGHY, MANUALLY OPERATED OR MOTOR-DRIVEN
POMPE COAXIALE A PISTON ALTERNATIF DU TYPE SOUPAPE, MANUELLE OU A MO-TEUR, DESTINEE SPECIALEMENT A DES EMBARCATIONS TELLES QU'UN CANOT PNEUMATIQUE

(71, 72) **SIVIERO, Roberto** [-/IT]; Via Trivulzio, 49, I-27029 Vigevano (IT).

(74) **DIGIOVANNI, Italo**; Brevetti Dott. Ing. Digiovanni Schmiadt S.r.l., Via Aldrovandi, 7, I-20129 Milano (IT).

(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 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 (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 98/21477** (13) A1

(21) PCT/IL97/00364

(22) **12 Nov/nov 1997 (12.11.1997)**

- (25) en (26) en
 (31) 08/778,940 (32) **12 Nov/nov 1996** (33) US
 (12.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ F04B 39/10
 (54) A ONE-WAY VALVE FOR USE WITH COMPRESSORS FOR AIR-CONDITIONING UNITS SOUPAPE ANTI-RETOUR UTILISEE AVEC DES COMPRESSEURS DANS UNE UNITE DE CONDITIONNEMENT D'AIR
 (71, 72) **HURWITZ, Alexander** [IL/IL]; Hanassi Street 110, 46399 Herzliah Pituach (IL). **HURWITZ, Daniel** [IL/IL]; David Markus Street 6, 46682 Herzliah Pituach (IL). **HURWITZ, Michael** [IL/IL]; Alexander Janai Street 14, 46768 Herzliah Pituach (IL).
 (74) **COHEN ZEDEK & RAPAPORT**; P.O. Box 33116, 61330 Tel Aviv (IL).
 (81) AU CA CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)
-
- (11) **WO 98/21478** (13) A1
 (21) PCT/KR97/00218
 (22) **7 Nov/nov 1997** (07.11.1997)
 (25) en (26) en
 (31) 1996/53208 (32) **11 Nov/nov 1996** (33) KR
 (11.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ F04C 2/06, 2/32
 (54) TWIN-CYLINDER IMPELLER PUMP POMPE A ROUE COMPORTANT DEUX CYLINDRES
 (71, 72) **RHA, Phil, Chan** [KR/KR]; 3-404, Daewoo Mokhwa Apartment, 31-1, Seongjeong-dong, Chunan-shi, Choongchungnam-do 330-170 (KR).
 (74) **KANG, Young Soo**; Yuwha Building, 15th floor, 1305-2, Seocho-dong, Seocho-ku, Seoul 137-072 (KR).
 (81) BR CA CN JP MX NZ RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)
-
- (11) **WO 98/21479** (13) A1
 (21) PCT/EP97/05631
 (22) **13 Oct/oct 1997** (13.10.1997)
 (25) de (26) de
 (31) 196 46 516.8 (32) **12 Nov/nov 1996** (33) DE
 (12.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ F04C 2/10, 15/00
 (54) HOLLOW WHEEL ACTUATED INTERNAL GEARED WHEEL PUMP POMPE A ENGRENAGES A DENTURE INTERIEURE AVEC ENTRAINEMENT PAR L'INTERMEDIAIRE DE LA COURONNE DE TRAIN PLANETAIRE
 (71) **VOITH TURBO GMBH & CO. KG** [DE/DE]; Alexanderstrasse 2, D-89522 Heidenheim (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **TILLMANN, Körner** [DE/DE]; Weikersbergstrasse 42, D-89551 Zang (DE). **DINO, Mühlberger** [DE/DE]; Robert-Koch-Strasse 31, D-89522 Heidenheim (DE).
 (74) **WEITZEL, Wolfgang**; Friedenstrasse 10, D-89522 Heidenheim (DE).
-
- (81) CN DE 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 98/21480** (13) A1
 (21) PCT/FI97/00672
 (22) **6 Nov/nov 1997** (06.11.1997)
 (25) fi (26) en
 (31) 964551 (32) **13 Nov/nov 1996** (33) FI
 (13.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ F04D 15/00 // 29/06
 (54) CENTRIFUGAL PUMP POMPE CENTRIFUGE
 (71) **AHLSTRÖM PUMPUT OY** [FI/FI]; P.O. Box 18, FIN-48601 Karhula (FI).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KUPIAINEN, Seppo** [FI/FI]; Mällinkatu 14 C 17, FIN-48500 Karhula (FI). **SAARI, Petri** [FI/FI]; Honkavaarankuja 1 E 36, FIN-02710 Espoo (FI).
 (74) **AHLSTROM MACHINERY OY**; Patent Dept., P.O. Box 18, FIN-48601 Karhula (FI).
 (81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)
-
- (11) **WO 98/21481** (13) A1
 (21) PCT/SE97/01804
 (22) **29 Oct/oct 1997** (29.10.1997)
 (25) en (26) en
 (31) 9604118-1 (32) **8 Nov/nov 1996** (33) SE
 (08.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ F04D 29/02, 39/34, 29/38
 (54) ROTOR BLADE AILETTE DE ROTOR
 (71) **ABB FLÄKT AKTIEBOLAG** [SE/SE]; Sickla Allé 13, Nacka, S-120 86 Stockholm (SE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **STRÖMBERG, Karl-Otto** [SE/SE]; Kilgränd 4, S-302 40 Halmstad (SE). **JOHANSSON, Ingemar** [SE/SE]; Mäsvägen 14, S-352 42 Växjö (SE). **GRÄNFORS, Sören** [SE/SE]; Almsvägen 5, S-360 40 Rottne (SE).
 (74) **JENKLER, Malte** et al. / etc.; Asea Brown Boveri AB, Patent, Stockholm Office, S-120 86 Stockholm (SE).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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).
 Published / Publiée : (c)
-
- (11) **WO 98/21482** (13) A1
 (21) PCT/JP97/04058
 (22) **7 Nov/nov 1997** (07.11.1997)
 (25) ja (26) ja
 (31) 8/300181 (32) **12 Nov/nov 1996** (33) JP
 (12.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ F04D 29/38
 (54) AXIAL FAN VENTILATEUR AXIAL
 (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SATO, Seiji** [JP/JP]; Kanaoka-kojo, Sakai-seisakusho of Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591 (JP). **OHNISHI, Tadashi** [JP/JP]; Kanaoka-kojo, Sakai-seisakusho of Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591 (JP). **ZHENG, Zhiming** [CN/JP]; Kanaoka-kojo, Sakai-seisakusho of Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591 (JP).
 (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).
 (81) AU CN SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)
-
- (11) **WO 98/21483** (13) A1
 (21) PCT/JP97/03937
 (22) **29 Oct/oct 1997** (29.10.1997)
 (25) ja (26) ja
 (31) 8/301712 (32) **13 Nov/nov 1996** (33) JP
 (13.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ F15B 11/00
 (54) PRESSURE OIL FEEDING APPARATUS APPAREIL D'ALIMENTATION EN HUILE SOUS PRESSION
 (71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **YOSHIDA, Nobumi** [JP/JP]; Oyama Factory of Komatsu Ltd., 400, Yokokurashinden, Oyama-shi, Tochigi-ken 323 (JP). **ENDO, Hiroshi** [JP/JP]; Oyama Factory of Komatsu Ltd., 400, Yokokurashinden, Oyama-shi, Tochigi-ken 323 (JP). **MARUTA, Kazuhiro** [JP/JP]; Oyama Factory of Komatsu Ltd., 400, Yokokurashinden, Oyama-shi, Tochigi-ken 323 (JP). **ISHIZAKI, Naoki** [JP/JP]; Oyama Factory of Komatsu Ltd., 400, Yokokurashinden, Oyama-shi, Tochigi-ken 323 (JP).
 (74) **HAMAMOTO, Tadashi**; Bansui Building, 5-16, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).
 (81) CN 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 98/21484** (13) A1
 (21) PCT/DE97/02421
 (22) **20 Oct/oct 1997** (20.10.1997)
 (25) de (26) de
 (31) 296 22 693.9 (32) **11 Nov/nov 1996** (33) DE
 (11.11.1996)
 (31) 197 07 722.6 (32) **26 Feb/fév 1997** (33) DE
 (26.02.1997)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ F15B 11/04

(54) VALVE SYSTEM AND MANUFACTURE OF SAME
SYSTEME DE SOUPAPE ET PROCEDE DE REALISATION

(71) MANNESMANN REXROTH AG [DE/DE]; Jahnstraße 3-5, D-97816 Lohr (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNÖLL, Burkhard [DE/DE]; Tulpenweg 1, D-97816 Lohr (DE). RÜB, Winfried [DE/DE]; Am Michaelsberg 16, D-97845 Neustadt (DE).

(74) KUHNEN, WACKER & PARTNER; Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

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

Published / Publiée : (c)

(11) WO 98/21485 (13) A1

(21) PCT/DE97/02425

(22) 20 Oct/oct 1997 (20.10.1997)

(25) de (26) de

(31) 196 46 445.5 (32) 11 Nov/nov 1996 (11.11.1996) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F15B 11/05

(54) VALVE ARRANGEMENT WITH PRESSURE BALANCE
SYSTEME DE SOUPAPES A BALANCE DE PRESSION

(71) MANNESMANN REXROTH AG [DE/DE]; Jahnstraße 3-5, D-97816 Lohr (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNÖLL, Burkhard [DE/DE]; Tulpenweg 1, D-97816 Lohr (DE). RÜB, Winfried [DE/DE]; Am Michaelsberg 16, D-97845 Neustadt (DE).

(74) HÜBNER, Helmut; Kuhn, Wacker & Partner, Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

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

Published / Publiée : (c)

(11) WO 98/21486 (13) A1

(21) PCT/DE97/02422

(22) 20 Oct/oct 1997 (20.10.1997)

(25) de (26) de

(31) 296 22 693.9 (32) 11 Nov/nov 1996 (11.11.1996) (33) DE

(31) 197 34 479.8 (32) 8 Aug/Août 1997 (08.08.1997) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F15B 13/01

(54) CHECK VALVE
SYSTEME DE VALVE ANTI-RETOUR

(71) MANNESMANN REXROTH AG [DE/DE]; Jahnstraße 3-5, D-97816 Lohr (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNÖLL, Burkhard [DE/DE]; Tulpenweg 1, D-97816 Lohr (DE). RÜB, Winfried [DE/DE]; Am Michaelsberg 16, D-97845 Neustadt (DE).

(74) KUHNEN, WACKER & PARTNER; Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

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

Published / Publiée : (c)

(11) WO 98/21487 (13) A1

(21) PCT/SE96/01467

(22) 13 Nov/nov 1996 (13.11.1996)

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F15B 13/042

(54) AN APPARATUS FOR REDUCING THE CONSUMPTION OF COMPRESSED AIR IN PNEUMATIC MACHINES
APPAREIL POUR REDUIRE LA CONSOMMATION D'AIR COMPRIME DANS DES MACHINES PNEUMATIQUES

(71) POS LINE AB [SE/SE]; P.O. Box 88, S-960 24 Harads (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARJU, Bert [SE/SE]; P.O. Box 88, S-960 24 Harads (SE).

(74) AVELLAN-HULTMAN, Olle; Avellan-Hultman Patentbyrå AB, P.O. Box 5366, S-102 49 Stockholm (SE).

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

(11) WO 98/21488 (13) A1

(21) PCT/EP97/05415

(22) 1 Oct/oct 1997 (01.10.1997)

(25) de (26) de

(31) 196 47 073.0 (32) 14 Nov/nov 1996 (14.11.1996) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F15B 21/04

(54) SERVICING APPARATUS FOR TREATING COMPRESSED AIR
APPAREIL DE MAINTENANCE POUR TRAITER DE L'AIR COMPRIME

(71) FESTO AG & CO. [DE/DE]; Rüter Strasse 82, D-73734 Esslingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STOLL, Kurt [DE/DE]; Lenzhalde 72, D-73732 Esslingen (DE). BERNER, Michael [DE/DE]; Mühlsteige 4, D-73230 Kirchheim (DE).

(74) REIMOLD, Otto et al. / etc.; Hölderlinweg 58, D-73728 Esslingen (DE).

(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 98/21489 (13) A1

(21) PCT/FR97/02030

(22) 12 Nov/nov 1997 (12.11.1997)

(25) fr (26) fr

(31) 96/13925 (32) 13 Nov/nov 1996 (13.11.1996) (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F15D 1/06, C09K 3/00

(54) METHOD FOR TRANSPORTING GAS UNDER PRESSURE IN THE PRESENCE OF A LIQUID FILM
PROCEDE DE TRANSPORT D'UN GAZ SOUS PRESSION EN PRESENCE D'UN FILM LIQUIDE

(71) INSTITUT FRANÇAIS DU PETROLE [FR/FR]; 4, avenue de Bois Préau, F-92506 Rueil Malmaison (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROJEY, Alexandre [FR/FR]; 52, rue Alexandre Dumas, F-92500 Rueil Malmaison (FR). PALERMO, Thierry [FR/FR]; 15, rue Lucien Jeanin, F-92250 La Garenne Colombes (FR). FALCIMAIGNE, Jean [FR/FR]; 19, avenue de Chevreur, F-92270 Bois Colombes (FR).

(74) ELMALEH, Alfred; Institut Français du Pétrole, 4, avenue de Bois Préau, F-92506 Rueil Malmaison (FR).

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

(11) WO 98/21490 (13) A1

(21) PCT/EP97/06156

(22) 6 Nov/nov 1997 (06.11.1997)

(25) de (26) de

(31) 296 19 809.9 (32) 14 Nov/nov 1996 (14.11.1996) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16B 5/02, E04F 13/08

(54) COMPONENT FOR SUPPORTING FASTENING ELEMENTS
COMPOSANT SERVANT D'APPUI A DES ORGANES DE FIXATION

(71, 72) EISCHEID, Karl [DE/DE]; Schulweg 23, D-51766 Engelskirchen (DE).

(74) EICHLER, Peter et al. / etc.; Brahmstrasse 29, D-42289 Wuppertal (DE).

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

Published / Publiée : (c)

(11) WO 98/21491 (13) A1

(21) PCT/FR97/02031

(22) 12 Nov/nov 1997 (12.11.1997)

(25) fr (26) fr

(31) 96/13768 (32) 12 Nov/nov 1996 (12.11.1996) (33) FR

(31) 97/06197 (32) 21 May/mai 1997 (21.05.1997) (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16B 7/14

(54) ASSEMBLY SYSTEM AND METHOD, AND DEVICES PROVIDED WITH THIS SYSTEM
SYSTEME ET PROCEDE D'ASSEMBLAGE, ET DISPOSITIFS POURVUS DE CE SYSTEME

(71, 72) CHENE, Emmanuel [FR/FR]; 103, rue du Moulin des Prés, F-75013 Paris (FR).

(74) ALLANO, Sylvain et al. / etc.; Pontet Allano & Associés s.e.l.a.r.l., 25, rue Jean Rostand, Parc-Club Orsay-Université, F-91893 Orsay Cedex (FR).

(81) 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).

Published / Publiée : (c)

(11) **WO 98/21492** (13) A1

(21) PCT/US97/19950

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/751,041 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16B 7/14

(54) LATCH ARRANGEMENTS
DISPOSITIFS DE BLOCAGE

(71) **DONALDSON COMPANY, INC.** [US/US]; 1400 West 94th Street, Minneapolis, MN 55440-1299 (US).

(72) **COULONVAUX, Paul, R.**; Avenue de Broqueville 124, B-1200 Brussels (BE). **KREITINGER, Edward, J.**; 13398 Hugues Court, Apple Valley, MN 55124 (US). **MILLER, Thomas, G.**; 1105 Hall Avenue, West St. Paul, MN 55118 (US).

(74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/21493** (13) A1

(21) PCT/JP97/04088

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) ja (26) ja

(31) 8/314250 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16C 29/06, F16H 25/24

(54) LINEAR MOTION DEVICE AND LUBRICATING OIL SUPPLYING DEVICE FOR IT
DISPOSITIF A DEPLACEMENT LINEAIRE ET SON APPAREIL D'ALIMENTATION EN HUILE LUBRIFIANTE

(71) **THK CO., LTD.** [JP/JP]; 11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo 141 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MICHIOKA, Hidekazu** [JP/JP]; THK Co., Ltd., 11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo 141 (JP). **HONMA, Mitsuaki** [JP/JP]; THK Co., Ltd., 11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo 141 (JP).

(74) **NARUSE, Katsuo** et al. / etc.; Go Building, 5th floor, 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/21494** (13) A1

(21) PCT/US97/20446

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/030,554 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(31) 08/884,196 (32) **30 Jun/juin 1997 (30.06.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16C 29/06

(54) LINEAR MOTION BEARING ASSEMBLY
ENSEMBLE ROULEMENT A MOUVEMENT LINEAIRE

(71) **THOMSON INDUSTRIES, INC.** [US/US]; Two Channel Drive, Port Washington, NY 11050 (US).

(72) **NG, Alison**; Apartment 3F, 445 East 14th Street, New York, NY 10009 (US). **ILIESCU, Danut, M.**; 189-16 Station Road, Flushing, NY 11358 (US).

(74) **CARTER, David, M.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21495** (13) A1

(21) PCT/EP97/06208

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 47 063.3 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16D 3/18, B66D 11 /04

(54) DRIVING MECHANISM FOR A STATIONARY TRANSPORTING DEVICE
MECANISME D'ENTRAINEMENT POUR UN TRANSPORTEUR STATIONNAIRE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D-88038 Friedrichshafen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCK, Gerhard** [DE/DE]; Sambethstrasse 15/3, D-88048 Friedrichshafen (DE). **MANN, Egon** [DE/DE]; Alamannenweg 11, D-88045 Friedrichshafen (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D-88038 Friedrichshafen (DE).

(81) CN 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 98/21496** (13) A2

(21) PCT/EP97/06235

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 46 493.5 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16D 59/02, 55/28

(54) NOISE-SILENCING DEVICE FOR MECHANICAL BRAKES
DISPOSITIF D'AMORTISSEMENT DU BRUIT POUR FREINS MECANIKES

(71) **CHR. MAYR GMBH & CO. KG** [DE/DE]; Eichenstrasse 1, D-87665 Mauerstetten (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DROPMANN, Christoph** [DE/DE]; Ludwigstrasse 4, D-87600 Kaufbeuren (DE). **WEISS, Harald** [DE/DE]; Hüttenstrasse 14, D-87600 Kaufbeuren (DE).

(74) **RUSCHKE, Hans, E.**; Ruschke Hartmann Becker, Pienzenauerstrasse 2, D-81679 München (DE).

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

(11) **WO 98/21497** (13) A2

(21) PCT/US97/22951

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/747,141 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16D 65/00

(54) DISC BRAKE WITH GEAR DRIVEN ADJUSTING PISTON
FREIN A DISQUE A PISTON DE REGLAGE ENTRAINE PAR PIGNONS

(71) **MERITOR HEAVY VEHICLE SYSTEMS, LLC** [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).

(72) **FORNI, Roberto**; Via Oglio, 9, I-28062 Cameri (IT). **SANTINATO, Fabio**; Via Como, 1, Sologno, I-28010 Caltignaga (IT). **SACCHI, Giovanni**; Via S. Carlo, 17, I-28019 Suno (IT).

(74) **SLENZAK, Laura, M.**; Meritor Heavy Vehicle Systems, LLC, 2135 West Maple Road, Troy, MI 48084 (US).

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

(11) **WO 98/21498** (13) A1

(21) PCT/US97/20146

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/747,139 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16D 65/16, 65/56

(54) DISC BRAKE WITH RIGID CONNECTION BETWEEN LOAD PLATE AND ADJUSTING PISTON

FREIN A DISQUE A LIAISON RIGIDE ENTRE LE SOCLE DU PATIN ET LE PISTON DE MANOEUVRE

(71) **MERITOR HEAVY VEHICLE SYSTEMS, LLC** [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).

(72) **FORNI, Roberto**; Via Oglio, 9, I-28062 Cameri (IT). **CONTI, Roberto**; Via Unita d'Italia, 4, I-21057 Olgiate Olona (IT). **SACCHI, Giovanni**; Via S. Carlo, 17, I-28019 Suno (IT).

(74) **SLENZAK, Laura, M.**; Meritor Heavy Vehicle Systems, LLC, 2135 West Maple Road, Troy, MI 48084 (US).

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

Published / Publiée : (c)

(11) **WO 98/21499** (13) A1

(21) PCT/GB97/03063

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623376.2 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16D 65/24

(54) BRAKE WHEEL CYLINDERS
CYLINDRES DE FREIN SUR ROUE

(71) **AUTOMOTIVE PRODUCTS PLC** [GB/GB]; Tachbrook Road, Leamington Spa, Warwickshire CV31 3ER (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEASLEY, David** [GB/GB]; 110 Needlers End Lane, Balsall Common, Coventry CV7 7AB (GB). **HADLEY, Clive, Samuel** [GB/GB]; 188 Station Road, Knowle, Solihull B93 0ER (GB).

(74) **MORRALL, Roger**; Automotive Products plc, Tachbrook Road, Leamington Spa, Warwickshire CV31 3ER (GB).

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

Published / Publiée : (c)

(11) **WO 98/21500** (13) A1

(21) PCT/IB96/01198

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16F 7/104, G11B 33/08, H04R 1/02, H05K 5/00

(54) DEVICE FOR THE DAMPING OF VIBRATIONS BETWEEN OBJECTS
DISPOSITIF D'AMORTISSEMENT DE VIBRATIONS ENTRE DES OBJETS

(71, 72) **LUND-ANDERSEN, Birger** [NO/NO]; Hoedaldalen 18, N-1614 Fredrikstad (NO).

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

(11) **WO 98/21501** (13) A1

(21) PCT/US97/15466

(22) **2 Sep/sep 1997 (02.09.1997)**

(25) en (26) en

(31) 08/756,968 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16G 3/10

(54) RADIAL ARC FABRIC SPLICE FOR FABRIC CONVEYOR BELTS
RACCORD DE TOILE EN FORME D'ARC RADIAL POUR COURROIES TRANSPORTEUSES COMPORTANT DE LA TOILE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; Patent Section - D/823, 1144 East Market Street, Akron, OH 44316-0001 (US).

(72) **ADAMS, Anthony, Dennis**; 679 Hampshire Road, Fairlawn, OH 44333 (US).

(74) **SWISHER, Kathleen, M.**; The Goodyear Tire & Rubber Company, Patent Section - D/823, 1144 East Market Street, Akron, OH 44316-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 98/21502** (13) A2

(21) PCT/EP97/06201

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 47 080.3 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16G 13/00

(54) CHAIN LINK FOR ENERGY SUPPLY CHAINS
MAILLON DE CHAÎNE DE TRANSMISSION D'ÉNERGIE

(71) **MURRPLASTIK SYSTEM-TECHNIK GMBH** [DE/DE]; Fabrikstrasse 10, D-71567 Oppenweiler (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EHMANN, Bruno** [DE/DE]; Nelkenweg 12, D-73563 Mögglingen (DE). **FUNK, Rainer** [DE/DE]; Fohlenweg 3, D-71543 Wüstenrot (DE).

(74) **JECK, Anton**; Markgröninger Strasse 47/1, D-71701 Schwieberdingen (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21503** (13) A1

(21) PCT/EP97/06078

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) de (26) de

(31) 296 19 833.1 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16G 13/16

(54) FASTENING ARRANGEMENT WITH A CHAIN LINK AND A FIXING UNIT FOR LINES

DISPOSITIF DE FIXATION AVEC UN MAILLON ET UNE UNITE DE FIXATION POUR LIGNES

(71) **KABELSCHLEPP GMBH** [DE/DE]; Marienborner Strasse 75, D-57074 Siegen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBER, Willibald** [DE/DE]; Auf dem Garten 18, D-57250 Netphen (DE). **MÜLLER, Roland** [DE/DE]; Graf-Luckner-Strasse 43, D-57076 Siegen (DE).

(74) **KAHLHÖFER, Hermann**; Xantener Strasse 12, D-40474 Düsseldorf (DE).

(81) CN 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 98/21504** (13) A1

(21) PCT/NZ97/00144

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) en (26) en

(31) 299720 (32) **8 Nov/nov 1996 (08.11.1996)** (33) NZ

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16H 1/36, 1/28

(54) A GEAR ASSEMBLY
ENSEMBLE ENGRENAGE

(71) **HOWICK ENGINEERING LIMITED** [NZ/NZ]; 117 Vincent Street, Howick, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COUBRAY, Bruce, Arthur** [NZ/NZ]; 47 Pauanui Street, St Heliers, Auckland (NZ). **COUBRAY, Alan, Keith** [NZ/NZ]; 13 Hattaway Avenue, Bucklands Beach, Auckland (NZ).

(74) **CALHOUN, Douglas, D.** et al. / etc.; A. J. Park & Son, Huddart Parker Building, 6th floor, Post Office Square, P.O. Box 949, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21505** (13) A1

(21) PCT/EP97/05025

(22) **15 Sep/sep 1997 (15.09.1997)**

(25) de (26) de

(31) 196 46 351.3 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16H 25/22, 25/24

(54) DEVICE FOR CONVERTING A ROTATIONAL MOVEMENT INTO AN AXIAL MOVEMENT
DISPOSITIF POUR TRANSFORMER UN MOUVEMENT ROTATIF EN MOUVEMENT AXIAL

(71) **INA WÄZLAGER SCHAEFFLER OHG** [DE/DE]; D-91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OETJEN, Jürgen** [DE/DE]; Von-Weber-Strasse 41, D-91074 Herzogenaurach (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG;** D-91072 Herzogenaurach (DE).

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

(11) **WO 98/21506** (13) A1

(21) PCT/EP97/05026

(22) **15 Sep/sep 1997 (15.09.1997)**

(25) de (26) de

(31) 196 46 339.4 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16H 25/22

(54) DEVICE FOR CONVERTING A ROTATIONAL MOVEMENT INTO AN AXIAL MOVEMENT
DISPOSITIF POUR TRANSFORMER UN MOUVEMENT ROTATIF EN MOUVEMENT AXIAL

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; D-91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZERNICKEL, Alexander** [DE/DE]; Sternstrasse 3, D-91074 Herzogenaurach (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG;** D-91072 Herzogenaurach (DE).

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

(11) **WO 98/21507** (13) A1

(21) PCT/FR97/02029

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) fr (26) fr

(31) 96/13788 (32) **13 Nov/nov 1996 (13.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16H 48/12

(54) MECHANICAL TRANSMISSION WITH TWO RIGHT ANGLE OUTPUTS
TRANSMISSION MECANIQUE A DEUX SORTIES A ANGLE DROIT

(71, 72) **BUJAT, Maurice** [FR/FR]; 40, rue Albert Camus, F-28110 Luce (FR).

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

(11) **WO 98/21508** (13) A1

(21) PCT/US96/17749

(22) **11 Nov/nov 1996 (11.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16J 15/02

(54) UNI-DIRECTIONAL ENVIRONMENTAL BARRIER SEAL
JOINT SERVANT DE BARRIERE ETANCHE UNIDIRECTIONNELLE AU MILIEU AMBIENT

(71) **FMC CORPORATION** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) **WILLIAMS, Michael, R.;** 15419 Misty Forest Court, Houston, TX 77068 (US).

(74) **CALDWELL, John, W.;** Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) BR GB NO SG.

(11) **WO 98/21509** (13) A1

(21) PCT/US97/19565

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/749,980 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16J 15/02

(54) HIGH TEMPERATURE SEAL FOR JOINING CERAMICS AND METAL ALLOYS
SCCELLAGE HAUTE TEMPERATURE POUR L'ASSEMBLAGE DE CERAMIQUES ET D'ALLIAGES METALLIQUES

(71) **THE UNIVERSITY OF CHICAGO** [US/US]; 5801 S. Ellis Street, Chicago, IL 60637 (US).

(72) **MAIYA, Subraya, P.;** 28 W. 194 Holly Avenue, Darien, IL 60561 (US). **PICCILO, John, J.;** 1122 Lincoln Street, Lockport, IL 60441-3654 (US). **EMERSON, James, E.;** 23234 W. Peterson Drive, Plainfield, IL 60544-9052 (US). **DUSEK, Joseph, T.;** 2233 S. Highland Avenue #1201, Lombard, IL 60148-5332 (US). **BALACHANDRAN, Uthamalingam;** 10 S 360 Jamie Lane, Hinsdale, IL 60521 (US).

(74) **LEVY, Harry, M.;** Suite 3000, 300 South Wacker Drive, Chicago, IL 60606 (US).

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

Published / Publiée : (c)

(11) **WO 98/21510** (13) A1

(21) PCT/DE97/02424

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

(25) de (26) de

(31) 196 46 426.9 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16K 31/06, F15B 13/044

(54) DIRECTIONAL VALVE
VANNE

(71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3-5, D-97816 Lohr (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNÖLL, Burkhard** [DE/DE]; Tulpenweg 1, D-97816 Lohr (DE).

(74) **KUHNE, WACKER & PARTNER;** Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

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

Published / Publiée : (c)

(11) **WO 98/21511** (13) A1

(21) PCT/DE97/02630

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 46 611.3 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16K 31/10, F15B 13/044

(54) ELECTROHYDRAULIC CONTROL VALVE
DISTRIBUTEUR DE COMMANDE ELECTRO-HYDRAULIQUE

(71) **DBT AUTOMATION GMBH** [DE/DE]; Industriestrasse 1, D-44534 Lünen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBOW, Wolfgang** [DE/DE]; Bismarckstrasse 45, D-42115 Wuppertal (DE). **REINELT, Werner** [DE/DE]; Am Hang 3, D-44797 Bochum (DE).

(74) **HENNICKE, Rüdiger** et al. / etc.; Postfach 19 04 08, D-50501 Köln (DE).

(81) AU CN PL US.

Published / Publiée : (c)

(11) **WO 98/21512** (13) A1

(21) PCT/GB97/02975

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 9623373.9 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16K 33/00, E03D 1/33

(54) BALLCOCK VALVE REGULATOR
REGULATEUR A CLAPET POUR ROBINET A FLOTTEUR

(71, 72) **HENSON, Dennis, Raymond** [GB/GB]; 36 Brickle Road, Upper Stoke Holy Cross, Norwich NR14 8NG (GB).

(74) **JONES, William;** Willow Lane House, Willow Lane, Norwich NR2 1EU (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 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 98/21513** (13) A1

(21) PCT/GB97/03022

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9623353.1 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16L 13/14, 13/02

(54) A METHOD OF JOINING LINED PIPES
PROCEDE DE RACCORD DE TUYAUX CHEMISES

(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) **MAINE, Leslie** [GB/GB]; 5 Heron Road, Barrow upon Soar, Leicestershire LE12 8AS (GB).

(74) **KINRADE, John;** BG plc, Intellectual Property Dept., 100 Thames Valley Park, Reading, Berkshire RG6 1PT (GB).

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

(11) **WO 98/21514** (13) A1

(21) PCT/US97/20315

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/746,608 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16L 37/00

(54) APPARATUS FOR CLAMPING COUPLED
FLANGED PIPES
APPAREIL DE SERRAGE DE TUYAUX A
BRIDES COUPLES

(71) **WATKINS-JOHNSON COMPANY** [US/US];
440 Kings Village Road, Scotts Valley, CA 95066
(US).

(72) **MATEOS, Miguel, A.**; 951 Jefferson Street, Santa
Clara, CA 95050 (US). **COFFEY, William, L.,
Sr.**; 1158 Theoden Court, San Jose, CA 95121
(US). **PERVORSE, Charles, A.**; 324 Caledonia
Street, Santa Cruz, CA 95062 (US).

(74) **TEST, Aldo, J.** et al. / etc.; Flehr, Hohbach, Test,
Albritton & Herbert LLP, Suite 3400, 4 Embarca-
dero 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 HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21515** (13) A1

(21) PCT/DE97/02423

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

(25) de (26) de

(31) 196 46 442.0 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(31) 196 49 697.7 (32) **29 Nov/nov 1996 (29.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16L 37/56, 39/02

(54) DISK-SHAPED HOUSING FOR A HYDRAULIC
COMPONENT
BOITIER EN FORME DE DISQUE POUR
COMPOSANT HYDRAULIQUE

(71) **MANNESMANN REXROTH AG** [DE/DE];
Jahnstrasse 3-5, D-97816 Lohr (DE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **KNÖLL, Burkhard** [DE/DE]; Tulpenweg 1,
D-97816 Lohr (DE).

(74) **HÜBNER, Helmut**; Kuhnen, Wacker & Part-
ner, Alois-Steinecker-Strasse 22, D-85354 Frei-
sing (DE).

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

(11) **WO 98/21516** (13) A1

(21) PCT/IL97/00358

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 119600 (32) **11 Nov/nov 1996 (11.11.1996)** (33) IL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16L 39/00, 55/00

(54) QUICKLY-ATTACHABLE CONNECTOR FOR
PIPES
RACCORD POUR TUYAUX A FIXATION RA-
PIDE

(71, 72) **ENTIS, Allan, C.** [US/IL]; Haim Levanon
Street 89, Ramat Aviv, 69345 Tel Aviv (IL).

(74) **BENJAMIN J. BARISH & CO.**; P.O. Box 12608,
46733 Industry Zone Herzlia (IL).

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

Published / Publiée : (c)

(11) **WO 98/21517** (13) A1

(21) PCT/CA97/00861

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 9623748.2 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16L 47/00, 59/20

(54) HEAT SHRINKABLE MEMBER
ELEMENT THERMORETRACTABLE

(71) **SHAW INDUSTRIES LTD.** [CA/CA]; 25 Be-
thridge Road, Rexdale, Ontario M9W 1M7 (CA).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **TAILOR, Dilip, K.** [CA/CA]; 22 Torrance
Woods, Brampton, Ontario L6Y 2T2 (CA).
VERGE, Michael [CA/CA]; 31 Lehman Court,
Markham, Ontario L3P 5W8 (CA). **STEELE,
Robert, E.** [CA/CA]; 228 Rosemar Gardens,
Richmond Hill, Ontario L4C 3Z9 (CA). **OLIVER,
John, H.** [CA/CA]; White Stag Cottage, R.R. No. 4,
Huntsville, Ontario P1H 2J6 (CA). **STATE,
Jeffery, A., D.** [CA/CA]; Apartment No. 311,
186 Stephen Drive, Etobicoke, Ontario M8Y
3N6 (CA). **HABERER, Sean, A.** [CA/CA]; 105
Brickstone Circle, Thornhill, Ontario L4J 7Y2
(CA).

(74) **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 HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO 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 98/21518** (13) A1

(21) PCT/AT97/00240

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 296 19 454.9 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F16L 47/06, 21/06, 37/092

(54) PLASTIC SLEEVE FOR PLASTIC PIPES OR
FITTINGS
MANCHON EN PLASTIQUE POUR TUYAUX
EN PLASTIQUE OU RACCORDS DE TUYAU-
TERIES

(71, 72) **SCHNALLINGER, Regina** [AT/AT]; A-4382
Sarmingstein 46 (AT). **SCHNALLINGER, Hel-
muth, Michael** [AT/AT]; A-4382 Sarmingstein 46
(AT).

(74) **HÜBSCHER, Gerhard** et al. / etc.; Spittelwiese
7, A-4020 Linz (AT).

(81) AU BG BR CA CN CZ EE GE HU IL IS JP KP
KR NO NZ PL RO RU SG SI SK TR UA US VN;
EP (AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE).

(11) **WO 98/21519** (13) A1

(21) PCT/US97/16722

(22) **9 Sep/sep 1997 (09.09.1997)**

(25) en (26) en

(31) 08/748,691 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F21L 7/00, G08G 1/00, 1/095, H01M 10/44,
10/46, H02J 7/00

(54) ELECTRICAL HAZARD WARNING SYSTEM
SYSTEME ELECTRIQUE DE SIGNALISATION
DE DANGERS

(71) **PITTCO, INC.** [US/US]; Suite F, 4562 Westin-
ghouse Street, Ventura, CA 93003 (US).

(72) **DAGGETT, David, M.**; 2 Stanislaus, Ventura, CA
93004 (US). **GRAVES, David, A.**; 368 Valley Oak
Place, Woodbridge, CA 95258 (US).

(74) **PATRICK, Steven, C.** et al. / etc.; Koppel
& Jacobs, Suite 302, 31255 Cedar Valley Drive,
Westlake Village, CA 91362-4031 (US).

(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 98/21520** (13) A1

(21) PCT/CA96/00743

(22) **14 Nov/nov 1996 (14.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F21V 8/00, G09F 13/18

(54) A LIGHT UNIT
DISPOSITIF LUMINEUX

(71, 72) **DEROSE, Antonio, Michael** [CA/CA]; 14
Goodmark Place, Etobicoke, Ontario M9W 6R1
(CA).

- (72) **ATTWOOD, Robert, Gary**; 141 Hialeah Crescent, Whitby, Ontario L1N 6V8 (CA).
- (74) **TEITELBAUM, Neil**; Neil Teitelbaum & Associates, 834 Colonel By Drive, Ottawa, Ontario K1S 5C4 (CA).
- (81) AL AM AT AU AZ BB BG BR BY CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; AP (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 98/21521** (13) A1

(21) PCT/US97/20596

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 60/029,433 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 60/029,437 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 60/030,141 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/965,945 (32) **7 Nov/nov 1997 (07.11.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F21V 9/00, 9/16

(54) TWO-PHOTON OR HIGHER-ORDER ABSORBING OPTICAL MATERIALS AND METHODS OF USE
MATERIAUX OPTIQUES A ABSORPTION DE DEUX PHOTONS OU D'ORDRE SUPERIEUR ET PROCEDES D'UTILISATION

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).

(72) **MARDER, Seth, R.**; 2176 Lambert Drive, Pasadena, CA 91107 (US). **PERRY, Joseph, W.**; 435 Cliff Drive, Pasadena, CA 91107 (US).

(74) **COLEMAN JAMES, Patricia** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4262 (US).

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

(11) **WO 98/21522** (13) A1

(21) PCT/US97/18144

(22) **8 Oct/oct 1997 (08.10.1997)**

(25) en (26) en

(31) 08/746,530 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F23C 6/04, F23M 5/08, F23J 9/00

(54) COAL COMBUSTION SYSTEM WITH GAS COOLED WALLS, AND METHOD THEREOF
SYSTEME DE COMBUSTION DE CHARBON AVEC PAROIS REFROIDIES PAR GAZ, ET PROCEDE ASSOCIE

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(72) **BANNISTER, Ronald, L.**; 695 Bear Creek Court, Winter Springs, FL 32708 (US). **DOWDY, Rhomas, E.**; Apartment 102, 1901 Silverleaf Lane, Orlando, FL 32822 (US).

(74) **MAIRE, David, G.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

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

(11) **WO 98/21523** (13) A2

(21) PCT/DE97/02622

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 46 957.0 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F23C 11/00

(54) METHOD AND DEVICE FOR THE COMBUSTION OF LIQUID FUEL
PROCEDE ET DISPOSITIF POUR LA COMBUSTION D'UN COMBUSTIBLE LIQUIDE

(71) **INVENT GMBH - ENTWICKLUNG NEUER TECHNOLOGIEN** [DE/DE]; Marloffsteiner Strasse 1, D-91080 Uttenreuth (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DURST, Franz** [DE/DE]; Eichenstrasse 12, D-91094 Langensendelbach (DE). **KEPLER, Michael** [DE/DE]; Rennestrasse 41/614, D-91054 Erlangen (DE). **WECLAS, Miroslaw** [PL/DE]; Blumenstrasse 7, D-91094 Langensendelbach (DE).

(74) **GASSNER, Wolfgang**; Nürnberger Strasse 69/71, D-91052 Erlangen (DE).

(81) 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 98/21524** (13) A2

(21) PCT/US97/15855

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,319 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F23D

(54) AN IMPROVED PULVERIZED COAL BURNER
BRULEUR AMELIORE DE CHARBON PULVERISE

(71) **THE BABCOCK & WILCOX COMPANY** [US/US]; 1450 Poydras Street, P.O. Box 60035, New Orleans, LA 70160-0035 (US).

(72) **SIVY, Jennifer, L.**; 9794 Beeson Street, Alliance, OH 44601 (US). **KOSLOSKY, John, V.**; 1389 Hadden Circle, Akron, OH 44313 (US). **KAUFMAN, Keith, C.**; 3423 Shellburne Avenue, N.W., Canton, OH 44708 (US). **RODGERS, Larry, W.**; 4575 Edwin Drive, N.W., Canton, OH 44718 (US). **LaRue, Albert, D.**; 4334 Sunnyview Drive, Uniontown, OH 44685 (US). **SARV, Hamid**; 4540 Farrington Road, N.W., Canton, OH 44708 (US).

(74) **KALKA, Daniel, S.**; McDermott Incorporated, Patent Dept., 20 S. Van Buren Avenue, Barberton, OH 44203 (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 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 98/21525** (13) A1

(21) PCT/EP97/06128

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 46 099.9 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F23G 5/46, F23J 15/02

(54) METHOD FOR BURNING WASTE AND FOSSIL FUELS BY COMBINING A LARGE FURNACE WITH AN INCINERATOR AND SYSTEM FOR CARRYING OUT THE METHOD
PROCEDE D'INCINERATION DE DECHETS ET DE COMBUSTIBLE FOSSILE FAISANT INTERVENIR UNE INSTALLATION A CHAUDIERE INDUSTRIELLE COMBINEE A UNE INSTALLATION D'INCINERATION D'ORDURES ET SYSTEME DE MISE EN OEUVRE DE CE PROCEDE

(71) **L. & C. STEINMÜLLER GMBH** [DE/DE]; D-51641 Gummersbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOHN, Ulrich** [DE/DE]; Hermann-Gösser-Weg 15, D-51766 Engelskirchen (DE). **HOLSTE, Reinhard** [DE/DE]; Kleinenberner Strasse 19, D-51647 Gummersbach (DE).

(74) **CARSTENS, Wilhelm**; L. & C. Steinmüller GmbH, D-51641 Gummersbach (DE).

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

Published / Publiée : (c)

(11) **WO 98/21526** (13) A1

(21) PCT/SE97/01902

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) sv (26) en

(31) 9604138-9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F23N 5/00 // F24H 8/00

(54) METHOD AND HEAT BOILER FOR OPTIMIZED COMBUSTION
CHAUDIERE ET PROCEDE SERVANT A OPTIMISER SA COMBUSTION

(71, 72) **ERICSON, Jan** [SE/SE]; Beväringsgatan 4, S-784 63 Borlänge (SE). **BERNHARDSSON, Sven** [SE/SE]; Kyrkbacksvägen 19, S-791 33 Falun (SE).

(74) **KYHLBERG, Gunnar**; Dr. Ludwig Brann Patentbyrå AB, P.O. Box 1344, S-751 43 Uppsala (SE).

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

(11) **WO 98/21527** (13) A1

(21) PCT/GB97/03085

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9623307.7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F23R 3/50, 3/28, 3/12, 3/34

(54) COMBUSTOR ARRANGEMENT
DISPOSITIF COMBUSTEUR

(71) **EUROPEAN GAS TURBINES LIMITED** [GB/GB]; Thorngate House, P.O. Box 1, Lincoln LN2 5DJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SENIOR, Peter** [GB/GB]; 8 Marston Crescent, Countesthorpe, Leicester LE8 5PY (GB).
MAIDHOF, Sebastian [DE/FR]; 10, rue Emile Zola, F-90000 Belfort (FR).

(74) **DARGAVEL, Laurence, Peter**; European Gas Turbines Limited, Mechanical Engineering Centre, Cambridge Road, Whetstone, Leicester LE8 6LH (GB).

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

(11) **WO 98/21528** (13) A1

(21) PCT/US96/18083

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F24B 1/189

(54) FIREPLACE HEAT EXCHANGER
ECHANGEUR DE CHALEUR POUR CHEMINEES

(71, 72) **EBERHARDT, H., Alfred** [US/US]; 1023 Shipp's Landing, 1100 South Collier Boulevard, Marco Island, FL 33937 (US).

(74) **EARLEY, John, F., A.** et al. / etc.; 86 The Commons at Valley Forge East, 1288 Valley Forge Road, P.O. Box 750, Valley Forge, PA 19482-0750 (US).

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

(11) **WO 98/21529** (13) A1

(21) PCT/FR97/02000

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13690 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F24H 9/14, 1/52, F16K 31/06

(54) HYDRAULIC MODULE FOR CENTRAL HEATING INSTALLATION
MODULE HYDRAULIQUE POUR INSTALLATION DE CHAUFFAGE CENTRAL

(71) **ARIES** [FR/FR]; Le Borzeix, F-19260 Treignac (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERGNE, Frédéric** [FR/FR]; La Goutte, F-19260 Veix (FR).

(74) **PONTET, Bernard** et al. / etc.; Pontet Allano & Associés s.e.l.a.r.l., 25, rue Jean Rostand, Parc-Club Orsay-Université, F-91893 Orsay Cedex (FR).

(81) 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 98/21530** (13) A1

(21) PCT/JP97/04061

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) ja (26) ja

(31) 8/296270 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F25B 21/02, F25D 11/00

(54) LIQUID FEEDING METHOD FOR THERMOELECTRIC COOLING SYSTEMS
PROCEDE D'ALIMENTATION EN LIQUIDE POUR SYSTEMES DE REFROIDISSEMENT THERMOELECTRIQUES

(71) **MATSUSHITA REFRIGERATION COMPANY** [JP/JP]; 2-5, Takaidahondori 4-chome, Higashiosaka-shi, Osaka 577 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOKUNAGA, Shigetomi** [JP/JP]; 700-240, Oishihigashimachi, Otsu-shi, Shiga 520-22 (JP).
MAEDA, Munekazu [JP/JP]; 47-10, Onchinakamachi 3-chome, Yao-shi, Osaka 581 (JP).
KITAGAWA, Hiroaki [JP/JP]; 17-14, Jinryo 3-chome, Otsu-shi, Shiga 520-21 (JP).
NAKAGAWA, Osamu [JP/JP]; 7-9, Kitayamadai 3-chome, Kouseicho, Kouka-gun, Shiga 520-32 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (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 KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/21531** (13) A1

(21) PCT/JP97/04062

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) ja (26) ja

(31) 8/296269 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F25B 21/02, F25D 11/00

(54) THERMOELECTRIC COOLING SYSTEM
SYSTEME DE REFROIDISSEMENT THERMOELECTRIQUE

(71) **MATSUSHITA REFRIGERATION COMPANY** [JP/JP]; 2-5, Takaidahondori 4-chome, Higashiosaka-shi, Osaka 577 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITAGAWA, Hiroaki** [JP/JP]; 17-14, Jinryo 3-chome, Otsu-shi, Shiga 520-21 (JP).
MAEDA, Munekazu [JP/JP]; 47-10, Onchinakamachi 3-chome, Yao-shi, Osaka 581 (JP).
NAKAGAWA, Osamu [JP/JP]; 7-9, Kitayamadai 3-chome, Kouseicho, Kouka-gun, Shiga 520-32 (JP).
TOKUNAGA, Shigetomi [JP/JP]; 700-240, Oishihigashimachi, Otsu-shi, Shiga 520-22 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (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 KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/21532** (13) A1

(21) PCT/JP97/04063

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) ja (26) ja

(31) 8/296749 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F25B 21/02, F25D 11/00

(54) THERMOELECTRIC MODULE-CONTAINING HEAT EXCHANGER UNIT AND THERMOELECTRIC COOLING SYSTEM
UNITE D'ECHANGE THERMIQUE CONTENANT UN MODULE THERMOELECTRIQUE, ET SYSTEME DE REFROIDISSEMENT THERMOELECTRIQUE

(71) **MATSUSHITA REFRIGERATION COMPANY** [JP/JP]; 2-5, Takaidahondori 4-chome, Higashiosaka-shi, Osaka 577 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAGAWA, Osamu** [JP/JP]; 7-9, Kitayamadai 3-chome, Kouseicho, Kouka-gun, Shiga 520-32 (JP).
MAEDA, Munekazu [JP/JP]; 47-10, Onchinakamachi 3-chome, Yao-shi, Osaka 581 (JP).
KITAGAWA, Hiroaki [JP/JP]; 17-14, Jinryo 3-chome, Otsu-shi, Shiga 520-21 (JP).
TOKUNAGA, Shigetomi [JP/JP]; 700-240, Oishihigashimachi, Otsu-shi, Shiga 520-22 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (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 KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/21533** (13) A1

(21) PCT/EP97/06203

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 46 206.1 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F25D 23/04

(54) REFRIGERATOR DOOR
PORTE D'UN APPAREIL FRIGORIFIQUE

(71) **BOSCH-SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstrasse 17, D-81669 München (DE).

(72) **BECKE, Christoph**; Tennenweg 1, D-83071 Stephanskirchen (DE).

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

Published / Publiée : (c)

(11) **WO 98/21534** (13) A1

(21) PCT/GB97/03009

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9623378.8 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F25D 23/08, E05C 19/16, B29D 31/00

(54) IMPROVED GASKET JOINT D'ETANCHEITE STATIQUE PERFECTIONNE

(71) **NORFROST LIMITED** [GB/GB]; Murrayfield, Castletown, Caithness KW14 8TY (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRANT, Alexander** [GB/GB]; Grant Hall, Watten, Caithness KW1 5XJ (GB).

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

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

Published / Publiée : (c)

(11) **WO 98/21535** (13) A1

(21) PCT/US97/19936

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/748,137 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F26B 7/00, 3/00, 19/00, 9/00, 13/06, 13/00, 25/06, B08B 3/00, 3/04, 3/12, 6/00, A62C 5/02, F23D 11/10, 11/40, 14/62, B05B 7/06

(54) APPARATUS FOR COOLING STRIP AND ASSOCIATED METHOD DISPOSITIF DE REFROIDISSEMENT D'UN RUBAN ET PROCEDE ASSOCIE

(71) **BUSCH CO.** [US/US]; 904 Mt. Royal Boulevard, Pittsburgh, PA 15223 (US).

(72) **JACOB, William, L.**; 51 Hauck Drive, Pittsburgh, PA 15235-4546 (US).

(74) **SILVERMAN, Arnold, B.**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21536** (13) A2

(21) PCT/EP97/05906

(22) **25 Oct/oct 1997 (25.10.1997)**

(25) de (26) de

(31) 196 46 802.7 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F27B 1/16, 1/10, C21B 5/02

(54) OPERATING METHOD AND DEVICE FOR A SHAFT FURNACE PROCEDE ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UN FOUR A CUVE

(71) **MESSER GRIESHEIM GMBH** [DE/DE]; Frankfurt Airport Center 1, C9, Hugo-Eckener-Ring, D-60547 Frankfurt (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMBERGER, Ralf** [DE/DE]; Söderblomstrasse 28, D-47906 Kempen (DE). **SCHMIDT, Jürgen** [DE/DE]; Olevianweg 11, D-35745 Herborn (DE). **VON HOESSLIN, Gerhard** [DE/DE]; Kronenstrasse 66, D-40217 Düsseldorf (DE).

(81) AU CN CZ ID KR NZ PL SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21537** (13) A1

(21) PCT/AT97/00243

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) A 1977/96 (32) **12 Nov/nov 1996 (12.11.1996)** (33) AT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F27B 1/21, F27D 3/08, B65G 65/46, F27D 3/00

(54) DEVICE FOR DISCHARGING OR MIXING LUMP MATERIALS DISPOSITIF POUR DECHARGER OU MELANGER DES PRODUITS EN MORCEAUX

(71) **VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH** [AT/AT]; Turmstrasse 44, A-4020 Linz (AT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENFELLNER, Gerald** [AT/AT]; Ertl 233/2, A-3352 St. Peter/Au (AT). **WALLNER, Felix** [AT/AT]; Roseggerstrasse 75, A-4020 Linz (AT). **KEPPLINGER, Leopold, Werner** [AT/AT]; Lahholdstrasse 7, A-4060 Leonding (AT).

(74) **AMRUSCH, Manfred**; Stahlstrasse 21a, A-4020 Linz (AT).

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

Published / Publiée : (c)

(11) **WO 98/21538** (13) A1

(21) PCT/EP97/05973

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) de (26) de

(31) 88837 (32) **12 Nov/nov 1996 (12.11.1996)** (33) LU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F27B 9/16, C21B 13/10

(54) DEVICE FOR DISCHARGING BARLIKE OR STRIPLIKE MATERIAL FROM A ROTARY FURNACE DISPOSITIF UTILISE POUR DECHARGER D'UN FOUR A SOLE TOURNANTE UN MATERIAU SORTANT SOUS FORME DE BARRE OU DE BANDE

(71) **PAUL WURTH S.A.** [LU/LU]; 32, rue d'Alsace, L-1122 Luxembourg (LU).

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

(72, 75) **FRIEDEN, Romain** [LU/LU]; 4, rue de l'Ecole, L-6235 Beidweiler (LU). **LONARDI, Emile** [LU/LU]; 30, rue de Schouweiler, L-4945 Bascharage (LU). **HUTMACHER, Patrick** [LU/LU]; 15, rue Dr. Albert Schweitzer, L-3282 Bettembourg (LU). **BERNARD, Gilbert** [LU/LU]; 6, rue Robert Schuman, L-7382 Helmdange (LU). **MONTEYNE, Guido** [BE/BE]; Beukenlaan 38, B-9971 Lembeke (BE).

(74) **FREYLINGER, Ernest, T.**; Office de Brevets Ernest T. Freylinger, 321, route d'Arlon, Boîte postale 48, L-8001 Strassen (LU).

(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).

Published / Publiée : (c)

(11) **WO 98/21539** (13) A1

(21) PCT/SE97/01899

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9604153-8 (32) **14 Nov/nov 1996 (14.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F28D 9/00, F28F 3/08, 9/10

(54) A PLATE HEAT EXCHANGER AND A SUPPORT ARRANGEMENT FOR A PLATE HEAT EXCHANGER ECHANGEUR DE CHALEUR A PLAQUES ET SON DISPOSITIF DE SUPPORT

(71) **ALFA LAVAL AB** [SE/SE]; Hans Stahles väg, S-147 80 Tumba (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VÄNNMAN, Erik** [SE/SE]; Drottninggatan 100, S-252 21 Helsingborg (SE). **JONSSON, Richard** [SE/SE]; Mossabäcksvägen 19, S-240 36 Stehag (SE). **NILSSON, Bo** [SE/SE]; Verksamhetsvägen 5, S-244 91 Kävlinge (SE). **ANDERSSON, Göran** [SE/SE]; Rudeboksvägen 118, S-226 55 Lund (SE).

(74) **CLIVEMO, Ingemar**; Alfa Laval AB, S-147 80 Tumba (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 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 98/21540** (13) A1

(21) PCT/US97/19874

(22) **16 Oct/oct 1997 (16.10.1997)**

(25) en (26) en

(31) 08/746,775 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F28F 27/00

(54) ON-LINE REGENERATIVE AIR PREHEATER FOULING SENSING SYSTEM
SYSTEME DE DETECTION D'ENCRASSEMENT POUR RECHAUFFEUR D'AIR REGENERATIF EN LIGNE

(71) **ABB AIR PREHEATER, INC.** [US/US]; Andover Road, Wellsville, NY 14895 (US).

(72) **COUNTERMAN, Wayne, Stanley**; Box 270, R.D. 2 Lewis Road, Wellsville, NY 14895 (US). **SEEBALD, James, David**; 1932 Riverview Drive, Wellsville, NY 14895 (US).

(74) **FOURNIER, Arthur, E., Jr.** et al. / etc.; ABB Support Services, Patent Services, 2000 Day Hill Road, Windsor, CT 06095-0500 (US).

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

(11) **WO 98/21541** (13) A1

(21) PCT/US97/21827

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/751,219 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F42B 27/00, 8/00, 4/00

(54) DISTRACTION DEVICE
DISPOSITIF DE DISTRACTION

(71) **UNIVERSAL PROPULSION COMPANY, INC.** [US/US]; 25401 North Central Avenue, Phoenix, AZ 85027-7837 (US).

(72) **BARLOG, Stanley, J.**; 14838 N. 24 Drive #13, Phoenix, AZ 85023 (US). **MAGENOT, Michael, C.**; 14618 N. 24 Place, Phoenix, AZ 85032 (US). **ROBERTS, Wilburn, C.**; 2722 S. Pennington, Mesa, AZ 85202 (US).

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

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

Published / Publiée : (c)

(11) **WO 98/21542** (13) A1

(21) PCT/US97/06054

(22) **11 Apr/avr 1997 (11.04.1997)**

(25) en (26) en

(31) 08/747,471 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F42B 39/14

(54) BARRIER UNITS AND ARTICLES MADE THEREFROM
ELEMENTS DE PROTECTION ET ARTICLES REALISES AVEC CES ELEMENTS

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **PALLEY, Igor**; 18 Dean Street, Madison, NJ 07940 (US). **HARPELL, Gary, A.**; 19 Elder Drive, Morristown, NJ 07962 (US). **GERLACH, Max, Wilhelm**; 8 Maude Lane, Hackettstown, NJ 07840 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., (Law Dept., Attn: C.A. McNally), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

(11) **WO 98/21543** (13) A1

(21) PCT/US97/20261

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/747,349 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F42C 19/12

(54) ELECTRIC INITIATOR HAVING A GLASS TO METAL TO CERAMIC SEAL
INITIATEUR ELECTRIQUE A ASSEMBLAGE SCELLE VERRE-METAL-CERAMIQUE

(71) **UNIVERSAL PROPULSION COMPANY, INC.** [US/US]; 25401 North Central Avenue, Phoenix, AZ 85027-7837 (US).

(72) **BAILEY, Todd, R.**; 1228 N. Conner Avenue, Higley, AZ 85236 (US).

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

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

Published / Publiée : (c)

(11) **WO 98/21544** (13) A1

(21) PCT/JP97/04001

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) ja (26) ja

(31) 8/300086 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP

(31) 9/112428 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ F42D 1/00

(54) EXCAVATION METHOD BY BLASTING
PROCEDE D'EXCAVATION PAR EXPLOSION

(71) **ASAHI KASEI KOGYO KABUSHIKI KAISYA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Masaaki** [JP/JP]; 514-5, Oaza-ooi, Ooi-machi, Iruma-gun, Saitama 356 (JP). **NODA, Hidehiro** [JP/JP]; 85-1, Hirabarucho 1-chome, Nobeoka-shi, Miyazaki 882 (JP). **SASSA, Koichi** [JP/JP]; 41, Nakabayashicho, Oomiya, Kita-ku, Kyoto-shi, Kyoto 603 (JP).

(74) **ASAHI KASEI KOGYO KABUSHIKI KAISHA**; Intellectual Property Dept., 1-2, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) **WO 98/21545** (13) A2

(21) PCT/EP97/06389

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 48 864.8 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01B 5/008, 21/04

(54) POSITIONING PROCESS AND SYSTEM
PROCEDE ET SYSTEME DE POSITIONNEMENT

(71, 72) **PIKO, Helmut** [DE/DE]; Rhabarberweg 25 a, D-12357 Berlin (DE). **ZUNKER, Thorsten** [DE/DE]; Gürtlerweg 17 a, D-12355 Berlin (DE).

(74) **EFFERT, BRESSEL UND KOLLEGEN**; Radickestrasse 48, D-12489 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 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 98/21546** (13) A1

(21) PCT/US97/20979

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,565 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01B 9/02

(54) SENSING METHOD AND APPARATUS
PROCEDE ET APPAREIL DE DETECTION

(71) **LITTON SYSTEMS, INC.** [US/US]; 21240 Burbank Boulevard, Woodland Hills, CA 91367-6675 (US).

(72) **FERSHT, Samuel, N.**; 3749 Buena Park Drive, Studio City, CA 91604 (US). **FREDERICK, Donald, A.**; 6027 Maury Avenue, Woodland Hills, CA 91367 (US).

(74) **MALM, Robert, E.**; 16624 Pequeno Place, Pacific Palisades, CA 90272 (US).

(81) AU BR CA CN JP KR NO RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21547** (13) A1

(21) PCT/CA97/00776

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/748,956 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01B 11/16

(54) OPTICAL STRAIN SENSOR AND METHOD FOR THE MEASUREMENT OF MICRODEFORMATIONS
CAPTEUR OPTIQUE EXTENSOMETRIQUE ET TECHNIQUE DE MESURE DE MICRODEFORMATIONS

(71) **NORANDA INC.** [CA/CA]; BCE Place, Suite 4100, 181 Bay Street, Toronto, Ontario M5J 2T3 (CA).

(72) **KANDUTH, Harald**; 1245 Héritage, St-Lazare, Québec J0P 1V0 (CA). **JACOB, Denis**; 17 Nobel, Kirkland, Québec H9H 4J5 (CA). **RENAUD, Christian**; 747 Daladier, Ste-Dorothée, Québec H7X 2L9 (CA). **CANTIN, Michel**; Apartment 4, 1655 Edouard-Charruau, St-Hubert, Québec J7T 3R7 (CA). **COULOMBE, Alain**; 1085 Croissant Savard, Brossard, Québec J4X 1X9 (CA).

(74) **NADEAU, François**; Noranda Technology Centre, 240 Hymus Boulevard, Pointe-Claire, Québec H9R 1G5 (CA).

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

(11) **WO 98/21548** (13) A1

(21) PCT/EP97/03325

(22) **25 Jun/juin 1997 (25.06.1997)**

(25) de (26) de

(31) 296 19 499.9 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01B 21/02, 5/02

(54) MEASURING DEVICE
DISPOSITIF DE MESURE

(71) **IBB TECHNOMES GMBH** [DE/DE]; Röntgenstrasse 8, D-64846 Gross-Zimmern (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜTTNER, Gerhard** [DE/DE]; Ahornweg 12, D-64846 Gross-Zimmern (DE).

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

(11) **WO 98/21549** (13) A1

(21) PCT/JP97/04086

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 8/298911 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01B 21/02

(54) METHOD AND APPARATUS FOR MEASURING THE DIMENSIONS OF A SHEET METAL PARTS, AND A SHEET METAL PROCESSING SYSTEM WHICH UTILIZES SUCH MEASURING METHOD AND APPARATUS
PROCEDE ET APPAREIL DE MESURE DES PARTIES D'UNE TOLE, ET SYSTEME DE TRAITEMENT D'UNE TOLE METTANT EN OEUVRE CE PROCEDE ET CET APPAREIL DE MESURE

(71) **AMADA COMPANY, LIMITED** [JP/JP]; 200, Ishida, Isehara-shi, Kanagawa 259-11 (JP).

(72) **TAKEUCHI, Shunsuke**; 1397-8, Izumi-cho, Hachiouji-shi, Tokyo (JP).

(74) **MIYOSHI, Hidekazu**; Toranomon Daiichi Building, 9th floor, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/21550** (13) A1

(21) PCT/CA97/00846

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/746,491 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01C 11/00, G01B 11/02

(54) SYSTEM AND METHOD FOR CAPTURING A RANGE IMAGE OF A REFLECTIVE SURFACE
DISPOSITIF ET PROCEDE DE CAPTURE D'IMAGE A DISTANCE D'UNE SURFACE REFLECHISSANTE

(71) **NATIONAL RESEARCH COUNCIL OF CANADA** [CA/CA]; Montreal Road, Ottawa, Ontario K1A 0R6 (CA).

(72) **BLAIS, Francois**; 309 Bonair Drive, Orleans, Ontario K1E 2N9 (CA).

(74) **TEITELBAUM, Neil**; Neil Teitelbaum & Associates, 834 Colonel By Drive, Ottawa, Ontario K1S 5C4 (CA).

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

(11) **WO 98/21551** (13) A1

(21) PCT/FR97/02057

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) fr (26) fr

(31) 96/14048 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01C 19/72

(54) MULTIMODE OPTICAL FIBER GYROMETER, WITH IMPROVED RESOLUTION AND STABILITY
GYROMETRE A FIBRE OPTIQUE MULTIMODE, A RESOLUTION ET A STABILITE AMELIOREES

(71) **TALLTEC TECHNOLOGIES HOLDINGS FOUNDATION** [LI/LI]; Aeulestrasse 38, FL-9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEYRUEIS, Patrick** [FR/FR]; 31, boulevard de l'Orangerie, F-67000 Strasbourg (FR).
BOUAMRA, Mohamed [FR/FR]; 19 a, rue des Carmes, F-67100 Strasbourg (FR).

(74) **METZ, Paul**; Cabinet Metz Patni, Boîte postale 63, F-67024 Strasbourg Cedex (FR).

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

Published / Publiée : (c)

(11) **WO 98/21552** (13) A1

(21) PCT/DE97/02717

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 48 662.9 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(31) 197 01 927.7 (32) **11 Jan/jan 1997 (11.01.1997)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01D 5/14, 5/16, G01B 7/30, G01P 3/487

(54) ARRANGEMENTS FOR DETECTING A ROTATIONAL OR TRANSLATORY MOVEMENT
SYSTEMES POUR DETECTER UN MOUVEMENT ROTATIF OU TRANSLATOIRE

(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) **NEUMANN, Jürgen** [DE/DE]; Bergstrasse 59a, D-96237 Ebersdorf (DE).
JÜRJENS, Gerhard [DE/DE]; Erlengrund 6, D-96450 Coburg (DE).

(74) **MÜLLER, Wolfram, H.**; Maikowski & Ninnemann, Xantener Strasse 10, D-10707 Berlin (DE).

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

Published / Publiée : (c)

(11) **WO 98/21553** (13) A1

(21) PCT/JP97/04102

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) ja (26) ja

(31) 8/314190 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01D 5/245

(54) INTERPOLATION CIRCUIT OF ENCODER
CIRCUIT D'INTERPOLATION DE CODEUR

(71) **FANUC LTD.** [JP/JP]; 3580, Shibokusa Aza-Komanba, Oshino-mura, Minamitsuru-gun, Yamanashi 401-05 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANIGUCHI, Mitsuyuki** [JP/JP]; 1158-11, Kawashimata, Gotenba-shi, Shizuoka 412 (JP).
INOUE, Tadashi [JP/JP]; Room 6-201, FANUC Manshonharimomi, 3537-1, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-05 (JP).

(74) **TAKEMOTO, Shoji** et al. / etc.; 2F, Yamagata Building, 23-10, Toranomon 1-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/21554** (13) A1

(21) PCT/DE97/01934

(22) **29 Aug/Août 1997 (29.08.1997)**

(25) de (26) de

(31) 196 47 086.2 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01F 1/684, 15/00

(54) INSTRUMENT FOR MEASURING THE MASS OF A FLOWING AGENT
INSTRUMENT DE MESURE DE LA MASSE D'UN AGENT A ECOULEMENT

(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) **RILLING, Heinz** [DE/DE]; Im Kaiserfeld 1, D-71735 Eberdingen (DE).

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

(11) **WO 98/21555** (13) A1

(21) PCT/AU97/00772

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(31) PO 3574 (32) 13 Nov/nov 1996 (13.11.1996) (33) AU

(31) PO 4298 (32) 19 Dec/déc 1996 (19.12.1996) (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01G 19/08, B65F 3/04(54) MOUNTING OF GAUGED LOAD BEARING MEMBERS
MONTAGE D'ELEMENTS SUPPORTS DE CHARGE CALIBRES

(71, 72) KELLENBACH, Arthur [AU/AU]; 15 Awatea Road, St. Ives, NSW 2075 (AU).

(74) HALFORD, Graham, William et al. / etc.; Halford & Co., 1 Market 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 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 98/21556 (13) A1

(21) PCT/US97/20412

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 08/747,423 (32) 12 Nov/nov 1996 (12.11.1996) (33) US

(31) 08/867,838 (32) 3 Jun/juin 1997 (03.06.1997) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01K 1/08(54) TYMPANIC THERMOMETER PROBE COVER
CAPUCHON DE SONDE THERMOMETRIQUE
TYMPANIQUE

(71) TRUTEK, INC. [US/US]; Suite 7A, 210 Carter Drive, West Chester, PA 19382 (US).

(72) CHESLOCK, Edward, P.; 2050 Oxford Road, Lincoln University, PA 19352 (US). CANFIELD, Eric, L.; 417 Holly Tree Court, Chester Springs, PA 19425 (US). HARRIS, Richard, K.; 1547 Washington Lane, West Chester, PA 19382 (US).

(74) FARIS, Robert, W.; 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 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 98/21557 (13) A1

(21) PCT/EP97/06298

(22) 12 Nov/nov 1997 (12.11.1997)

(25) de (26) de

(31) 196 46 685.7 (32) 12 Nov/nov 1996 (12.11.1996) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01M 3/24, G01L 9/00(54) METHOD FOR DETERMINING PARAMETERS, FOR EXAMPLE LEVEL, PRESSURE, GAS COMPOSITION IN CLOSED CONTAINERS
PROCEDE DE DETERMINATION DE PARAMETRES TELS QUE NIVEAU, PRESSION OU COMPOSITION GAZEUSE DANS DES RECIPIENTS CLOS

(71) HEUFT SYSTEMTECHNIK GMBH [DE/DE]; Brohltalstrasse 31-33, D-56659 Burgbrohl (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEUFT, Bernhard [DE/DE]; Lindenstrasse 7, D-56659 Burgbrohl (DE). GÖLLER, Hans-Ulrich [DE/DE]; Rheinallee 68, D-53173 Bonn (DE).

(74) ABITZ, Walter et al. / etc.; Postfach 86 01 09, D-81628 München (DE).

(81) BR CA HU JP KR MX PL 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).

Published / Publiée : (c)

(11) WO 98/21558 (13) A2

(21) PCT/US97/12679

(22) 18 Jul/juil 1997 (18.07.1997)

(25) en (26) en

(31) 08/739,007 (32) 28 Oct/oct 1996 (28.10.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N(54) GYROTORARY COMPACTION APPARATUS FOR CREATING COMPRESSION AND SHEAR FORCES IN A SAMPLE MATERIAL
DISPOSITIF DE COMPACTAGE GIRATOIRE DESTINE A CREER DES FORCES DE COMPRESSION ET DE CISAILEMENT DANS UN MATERIAU ECHANTILLON

(71, 72) BROVOLD, Thomas, E. [US/US]; 1103 Timber Circle, Chaska, MN 55318 (US).

(74) COTTERELL, Gregory, F.; Oppenheimer Wolff & Donnelly, Plaza VII, Suite 3400, 45 South Seventh Street, Minneapolis, MN 55402-1609 (US).

(81) BR CA CN CZ GB IL JP KR MX PL TR UA; 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 98/21559 (13) A2

(21) PCT/US97/21186

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(31) 08/751,144 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N(54) SEISMIC SEMBLANCE/DISCONTINUITY METHOD
PROCEDE D'APPARENCE/DISCONTINUITE SISMIQUE

(71) UNION OIL COMPANY OF CALIFORNIA [US/US]; P.O. Box 7600, Brea, CA 92822-7600 (US).

(72) KELLER, David; 4303 Lakeshore Forest Drive, Missouri City, TX 77459 (US). KRAMER, Darrell, L.; 517 Alonda Drive, Lafayette, LA 70503 (US).

(74) PALMER, John 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 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 98/21560 (13) A1

(21) PCT/US97/20760

(22) 14 Nov/nov 1997 (14.11.1997)

(25) en (26) en

(31) 60/030,841 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 1/14, 35/10, 37/00(54) OPEN VIAL ASPIRATOR AND PROBE WASHER
ASPIRATEUR POUR FLACONS OUVERTS ET SYSTEME POUR LAVER LE MODULE DE PRELEVEMENT

(71) BIOCHEM IMMUNOSYSTEMS INC. [US/US]; 100 Cascade Drive, Allentown, PA 18103-9562 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PRESTON, Charles, R. [US/US]; 236 Keystone Road, Quakertown, PA 18951 (US). BOURDELLE, Peter, A. [US/US]; 319 S. Fulton Street, Allentown Lehigh, PA 18103 (US).

(74) LAVORGNA, Gregory, J. et al. / etc.; Seidel, Gonda, Lavorgna & 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 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 98/21561 (13) A1

(21) PCT/NL97/00619

(22) 12 Nov/nov 1997 (12.11.1997)

(25) nl (26) en

(31) 1004507 (32) 12 Nov/nov 1996 (12.11.1996) (33) NL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 15/02, G01J 3/44(54) METHOD AND APPARATUS FOR MEASURING PARTICLE SIZE
PROCEDE ET DISPOSITIF DE MESURE DE LA DIMENSION DE PARTICULES

(71) TECHNISCHE UNIVERSITEIT DELFT [NL/NL]; Julianalaan 134, NL-2628 BL Delft (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLEMSE, Alexander, Willem [NL/NL]; Grieksestraat 38B, NL-3028 CL Rotterdam (NL).

MERKUS, Henk, Gerard [NL/NL]; Park Berkenvoord 30, NL-2641 CZ Pijnacker (NL). **SCARLETT, Brian** [NL/NL]; Oranjestad 14, NL-2511 VE Den Haag (NL).

(74) **SMULDERS, Th., A., H., J.**; Verenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

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

(11) **WO 98/21562** (13) A1

(21) PCT/US97/20645

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,841 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 21/00, 31/00, 33/00, B01L 3/00, 3/02, 9/00, G05B 1/00, 17/00, B26D 11/00

(54) A BLOOD CELL ANALYZER WITH TUBE HOLDER AND CAP PIERCER
ANALYSEUR DE CELLULES SANGUINES A PORTE-TUBE ET PERCE-BOUCHON

(71) **BIOCHEM IMMUNOSYSTEMS INC.** [US/US]; 100 Cascade Drive, Allentown, PA 18103-9562 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRESTON, Charles, R.** [US/US]; 236 Keystone Road, Quakertown, PA 18951 (US).
BOURDELLE, Peter, A. [US/US]; 319 S. Fulton Street, Allentown Lehigh, PA 18103 (US).

(74) **LAVORRNA, Gregory, J.**; Seidel, Gonda, Lavorgna & 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 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 98/21563** (13) A1

(21) PCT/US97/20818

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,702 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 21/05, 21/85

(54) DEVICES COMPRISING MULTIPLE CAPILLARITY INDUCING SURFACES
DISPOSITIFS COMPORTANT DE MULTIPLES SURFACES INDUCTRICES DE CAPILLARITES

(71) **BIOSITE DIAGNOSTICS INCORPORATED** [US/US]; Suite D, 11030 Roselle Street, San Diego, CA 92121 (US).

(72) **BUECHLER, Kenneth, Francis**; 12523 Manifesto Place, San Diego, CA 92130 (US).

(74) **LITHGOW, Timothy, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21564** (13) A1

(21) PCT/US97/20749

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,419 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) Not furnished / (32) **13 Nov/nov 1997 (13.11.1997)** (33) US
non communiqué

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 21/27

(54) MULTIFUNCTIONAL PHOTOMETER APPARATUS
APPAREIL PHOTOMETRIQUE MULTIFONCTIONNEL

(71, 72) **WILCOX, Steven** [US/US]; Suite 521, 9477 Greenback Lane, Folsom, CA 95630 (US). **GOLDMAN, Don, S.** [US/US]; Suite 521, 9477 Greenback Lane, Folsom, CA 95630 (US).

(74) **BIELEN, Theodore, J.** et al. / etc.; Bielen, Peterson & Lampe, Suite 720, 1990 N. California Boulevard, Walnut Creek, CA 94596 (US).

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

(11) **WO 98/21565** (13) A2

(21) PCT/DE97/02646

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 46 770.5 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 21/77, 21/00

(54) PROCESS AND DEVICE FOR OPTICAL THIN-LAYER BIOSENSOR TECHNOLOGY
PROCEDE ET DISPOSITIF DE BIODETECTION OPTIQUE SUR COUCHES MINCES

(71, 72) **KOCH, Alexander, W.** [DE/DE]; Am Ordensgut 7, D-66117 Saarbrücken (DE).

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

(11) **WO 98/21566** (13) A1

(21) PCT/EP97/06300

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 46 694.6 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 21/88

(54) METHOD FOR TESTING THE RELIABILITY OF A TESTING APPARATUS, SPECIALLY AN EMPTY BOTTLE INSPECTING DEVICE

PROCEDE POUR TESTER LA FIABILITE D'UN APPAREIL DE CONTROLE, EN PARTICULIER D'UN SYSTEME DE CONTROLE DE BOUTELLES VIDES

(71) **HEUFT SYSTEMTECHNIK GMBH** [DE/DE]; Brohltalstrasse 31-33, D-56659 Burgbrohl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEUFT, Bernhard** [DE/DE]; Lindenstrasse 7, D-56659 Burgbrohl (DE).

(74) **ABITZ, Walter** et al. / etc.; Postfach 86 01 09, D-81628 München (DE).

(81) BR CA HU JP KR MX PL 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).

Published / Publiée : (c)

(11) **WO 98/21567** (13) A1

(21) PCT/EP97/06310

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 46 678.4 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 21/88

(54) METHOD FOR TESTING THE RELIABILITY OF A TESTING APPARATUS, SPECIALLY AN EMPTY BOTTLE INSPECTING DEVICE
PROCEDE POUR TESTER LA FIABILITE D'UN APPAREIL DE CONTROLE, EN PARTICULIER D'UN SYSTEME DE CONTROLE D'UNE BOUTELLE VIDE

(71) **HEUFT SYSTEMTECHNIK GMBH** [DE/DE]; Brohltalstrasse 31-33, D-56659 Burgbrohl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEUFT, Bernhard** [DE/DE]; Lindenstrasse 7, D-56659 Burgbrohl (DE).

(74) **ABITZ, Walter** et al. / etc.; Postfach 86 01 09, D-81628 München (DE).

(81) BR CA HU JP KR MX PL 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).

Published / Publiée : (c)

(11) **WO 98/21568** (13) A1

(21) PCT/SE97/01880

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) sv (26) en

(31) 9604131-4 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 21/89

(54) DEVICE AND METHOD FOR MARKING DEFECTS
DISPOSITIF ET PROCEDE POUR MARQUER DES DEFANTS

(71) **SVANTE BJÖRK AB** [SE/SE]; Magasinsgatan 5, S-434 37 Kungsbacka (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJÖRK, Svante** [SE/SE]; Magasinsgatan 5, S-434 37 Kungsbacka (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihn West AB, P.O. Box 142, S-401 22 Göteborg (SE).

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

Published / Publiée : (c)

(11) **WO 98/21569** (13) A1

(21) PCT/AT97/00246

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) A 1984/96 (32) **13 Nov/nov 1996 (13.11.1996)** (33) AT

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 21/91, 21/64, A61L 2/26

(54) PROCESS FOR DETECTING WHETHER A SURFACE HAS BEEN TREATED WITH A DETERGENT AND/OR DISINFECTANT
PROCEDE PERMETTANT DE DETECTER SI UNE SURFACE A ETE TRAITEE AVEC UN DETERGENT ET/OU DESINFECTANT

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

(72, 75) **KONZETT, Alfred** [AT/AT]; Dorfstrasse 21a, A-6082 Patsch (AT).

(74) **TORGLER, Paul** et al. / etc.; Wilhelm-Greilstrasse 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21570** (13) A1

(21) PCT/US97/20756

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/745,525 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 27/26

(54) ELECTROPHORESIS SYSTEM
SYSTEME D'ELECTROPHORESE

(71) **PROTEOME, INC.** [US/US]; Suite 425C, 200 Cummings Center, Beverly, MA 01915 (US).

(72) **GARRELS, James**; 111 Hart Street, Beverly, MA 01915 (US).

(74) **BUCKLEY, Linda, M.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109 (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 98/21571** (13) A1

(21) PCT/EP97/06202

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 96810772.2 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP

(34) DE et al. / etc.

(42) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 27/327, C12Q 1/00, G01N 33/543, C12Q 1/68, G01N 33/569

(54) USE OF BIOSENSORS TO DIAGNOSE PLANT DISEASES
UTILISATION DE BIOCAPTEURS POUR DIAGNOSTIQUER DES MALADIES DES PLANTES

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ETIENNE, Laurent** [FR/FR]; Rue des Charmes, 31/4, F-68260 Kingersheim (FR).
SHÜRMAN, Evelyn [CH/CH]; Baselstrasse 7, CH-4124 Schönenbuch (CH).
OROSZLAN, Peter [HU/CH]; Delsbergallee 11/3, CH-4053 Basel (CH).
EHRAT, Markus [CH/CH]; Im Brüel 6, CH-4312 Magden (CH).
DUVENECK, Gert, Ludwig [DE/DE]; Ezmattenweg 34, D-79189 Bad Krozingen (DE).
BINDER, Andres [CH/CH]; Im Eichli 14, CH-8162 Steinmaur (CH).

(74) **ROTH, Bernhard, M.**; Novartis AG, Patent- und Markenabteilung, Lichstrasse 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21572** (13) A1

(21) PCT/US97/20368

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/751,085 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 27/414

(54) DORSAL SUBSTRATE GUARDED ISFET SENSOR
DETECTEUR TECSI A ENTREE GARDEE, MONTE SUR FACE DORSALE DE SUBSTRAT

(71) **ROSEMOUNT ANALYTICAL INC.** [US/US]; 600 South Harbor Boulevard, La Habra, CA 90631-6193 (US).

(72) **BENTON, Barry, W.**; 1135 Corrida Place, Orange, CA 92869 (US).

(74) **BRUSH, David, D.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 2nd Avenue South, Minneapolis, MN 55402-3319 (US).

(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).

Published / Publiée : (a)

(11) **WO 98/21573** (13) A1

(21) PCT/US97/22079

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 749,910 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 29/04, H04B 1/06, G01H 1/08, 1/14, F16N 21/00

(54) ULTRASONIC LEAK DETECTING APPARATUS
APPAREIL ELECTRONIQUE POUR LA DETECTION DE FUITES

(71) **UE SYSTEMS, INC.** [US/US]; 14 Hayes Street, Elmsford, NY 10523-2536 (US).

(72) **GOODMAN, Mark**; 21 Lakeview Avenue West, Courtland Manor, NY 10566 (US).
ZENO, John, R.; 32 Gramercy Park Square, New York, NY 10003 (US).

(74) **GARNER, Melvin, C.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022 (US).

(81) JP; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/21574** (13) A1

(21) PCT/AU97/00764

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) PO 3559 (32) **11 Nov/nov 1996 (11.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 30/06, 30/30

(54) APPARATUS AND/OR DEVICE FOR CONCENTRATION
APPAREIL OU DISPOSITIF DE CONCENTRATION

(71) **ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY** [AU/AU]; 124 Latrobe Street, Melbourne, VIC 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARRIOT, Philip** [AU/AU]; RMIT- Department of Applied Chemistry, 124 La trobe Street, Melbourne, VIC 3000 (AU).

(74) **ROLLS, Carolyn, Lesley**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (b)

(11) **WO 98/21575** (13) A1

(21) PCT/SE97/01922

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) sv (26) en

(31) 9604174-4 (32) **14 Nov/nov 1996 (14.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/02, 33/10

- (54) METHOD AND APPARATUS FOR DETERMINING THE QUALITY OF CEREALS
PROCEDE ET APPAREIL CORRESPONDANT PERMETTANT DE DETERMINER LA QUALITE DE CEREALES
- (71) **BOHLIN REOLOGI AB** [SE/SE]; Öved 19, S-275 94 Sjöbo (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOHLIN, Leif** [SE/SE]; Öved 19, S-275 94 Sjöbo (SE).
- (74) **AWAPATENT AB**; P.O. 5117, S-200 71 Malmö (SE).
- (81) AU CA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21576** (13) A1
(21) PCT/IB97/01389
(22) **4 Nov/nov 1997 (04.11.1997)**
(25) en (26) en
(31) FO96A000025 (32) **8 Nov/nov 1996 (08.11.1996)** (33) IT
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01N 33/10
- (54) INSTRUMENT TO MEASURE THE STAGE OF COOKING OF PASTA
INSTRUMENT POUR MESURER LES ETAPES DE CUISSON DES PATES
- (71, 72) **RUGGIERO, Nicola** [IT/IT]; Via Salgareto, 146, I-47040 Montecolombo (IT).
- (74) **PETRAZ, Gilberto**; GLP S.r.l., Piazzale Cavedalis, 6/2, I-33100 Udine (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 : (a)
-
- (11) **WO 98/21577** (13) A1
(21) PCT/NO97/00297
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) no (26) en
(31) 964804 (32) **13 Nov/nov 1996 (13.11.1996)** (33) NO
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01N 33/18
- (54) A DEVICE FOR DETECTING PETROLEUM-BASED LIQUIDS IN WASTE WATER
DISPOSITIF DE DETECTION DE LIQUIDES A BASE DE PETROLE DANS DES EAUX USEES
- (71, 72) **KRISTIANSEN, Øyvind** [NO/NO]; Forusmyra 8, N-4033 Forus (NO).
- (74) **HÅMSØ, Borge** et al. / etc.; Håmsø Patentbyrå Ans, P.O. Box 171, N-4301 Sandnes (NO).
- (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 ID IL IS JP KE KG KP KR KZ 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 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 98/21578** (13) A1
(21) PCT/US97/20486
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/747,304 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01N 33/483, A61B 10/00
- (54) DERMAL PATCH FOR DETECTING LONG-TERM ALCOHOL CONSUMPTION AND METHOD OF USE
TIMBRE DERMIQUE DESTINE A DETECTER UNE CONSOMMATION PROLONGEE D'ALCOOL ET PROCEDE D'UTILISATION ASSOCIE
- (71) **SUDOR PARTNERS** [US/US]; Suite D-200, 12341 Newport Avenue, Santa Ana, CA 92705 (US).
- (72) **SCHOENDORFER, Donald, W.**; 1842 White Stone Terrace, Santa Ana, CA 92705 (US). **MILLER, William, R.**; 10841 Hideaway Drive, Santa Ana, CA 92705 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, 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 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21579** (13) A1
(21) PCT/ES97/00184
(22) **21 Jul/juil 1997 (21.07.1997)**
(25) es (26) es
(31) P 9602383 (32) **12 Nov/nov 1996 (12.11.1996)** (33) ES
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01N 33/497, C12Q 1/58, A61B 5/083
- (54) METHOD AND KIT FOR DETECTING *HELICOBACTER PYLORI*
PROCEDE ET KIT DE DETECTION DE *HELICOBACTER PYLORI*
- (71) **ISOMED, S.L.** [ES/ES]; Alberto Alcocer, 46 Bajo b, E-28016 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BECERRO DE BENGOA VALLEJO, Ana** [ES/ES]; Alberto Alcocer, 46 Bajo B, E-28016 Madrid (ES).
- (74) **FERNANDEZ PRIETO, Angel**; Calle Recoletos, 4 4º Izq., E-28001 Madrid (ES).
- (81) AT AU BG BR CA CH CN CU CZ DE DK ES FI GB HU IL IS JP KR LU MX NO NZ PL PT RO RU SE SG SI SK TR UA US UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (b)
-
- (11) **WO 98/21580** (13) A2
(21) PCT/GB97/03097
(22) **12 Nov/nov 1997 (12.11.1997)**
- (25) en (26) en
(31) 9623569.2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01N 33/53, C07C 401/00
- (54) VITAMIN D IMMUNOASSAY SYSTEMS
SYSTEMES DE DOSAGES IMMUNOLOGIQUES DE LA VITAMINE D
- (71) **IMMUNODIAGNOSTIC SYSTEMS LIMITED** [GB/GB]; Boldon Business Park, Boldon, Tyne & Wear NE35 9PD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAURIE, David** [GB/GB]; IDS Limited, 10 Diddcot Way, Boldon Business Park, Boldon, Tyne & Wear NE35 9PD (GB). **BARNES, Alexander, Kirkley** [GB/GB]; IDS Limited, 10 Diddcot Way, Boldon Business Park, Boldon, Tyne & Wear NE35 9PD (GB).
- (74) **MARKGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO2 2AP (GB).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21581** (13) A1
(21) PCT/US96/18289
(22) **8 Nov/nov 1996 (08.11.1996)**
(25) en (26) en
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01N 33/53, 33/567
- (54) METHODS AND REAGENTS FOR NON-INVASIVE IMAGING OF ATHEROSCLEROTIC PLAQUE
PROCEDES ET REACTIFS DESTINES A L'IMAGERIE NON INVASIVE D'UNE PLAQUE D'ATHEROSCLEROSE
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSIMIKAS, Sotorios** [US/US]; 2802 Arnoldson Avenue, San Diego, CA 92122 (US). **WITZTUM, Joseph, L.** [US/US]; 6912 Oriia Court, San Diego, CA 92120 (US). **PALINSKI, Wulf** [US/US]; Apartment 20, 4060 Porte De Palmas, San Diego, CA 92122 (US). **CURTISS, Linda** [US/US]; 11290 Caminito Aclara, San Diego, CA 92126 (US).
- (74) **TAYLOR, Stacy, L.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).
- (81) AU CA JP US.
-
- (11) **WO 98/21582** (13) A1
(21) PCT/US97/15547
(22) **4 Sep/sep 1997 (04.09.1997)**
(25) en (26) en
(31) 60/030,842 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01N 33/53
- (54) SIGNAL ENHANCEMENT IN PROTEIN DETECTION
AMELIORATION DE SIGNAUX DANS LA DETECTION DE PROTEINES

(71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARNOVSKY, Morris, J.** [US/US]; 61 Miller Road, Newton Centre, MA 02159 (US). **PUKAC, Laurie** [US/US]; Apartment 105, 801 Coventry Lane, Norwood, MA 02062 (US).

(74) **WILLIAMS, Kathleen, M.**; Banner & Witcoff, Ltd., 75 State Street, Boston, MA 02109 (US).

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

(11) **WO 98/21583** (13) A1

(21) PCT/US97/20505

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/746,661 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/53, 33/573, C12Q 1/34

(54) METHOD OF TESTING FOR PERIODONTAL DISEASE
PROCEDE PERMETTANT DE TESTER UNE PARADONTOPATHIE

(63) US 08/746,661 (CIP)
14 Nov/nov 1996 (14.11.1996)

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMSTER, Ira, B.** [US/US]; 430 Carlton Road, Wycoff, NJ 07481 (US).

(74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

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

(11) **WO 98/21584** (13) A1

(21) PCT/US97/21002

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/029,741 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/53, C07D 277/04

(54) COMBINATORIAL PROCESS FOR PREPARING THIAZOLIDINONE LIBRARIES
PROCEDE COMBINATOIRE PERMETTANT DE PREPARER DES BIBLIOTHEQUES DE THIAZOLIDINONE

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MENDOZA, Jose, S.** [MX/MX]; 4609 Rollingwood Drive, Durham, NC 27713 (US).

(74) **COLLINS, Daniel, W.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21585** (13) A1

(21) PCT/US97/21351

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,924 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/53, 33/566, 33/574

(54) ACTIVATED RAS INTERACTION ASSAY
DOSAGE D'INTERACTION DE RAS ACTIVEE

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

(72) **TAYLOR, Stephen, J.**; 9E Gaslight Village, Uptown Road, Ithaca, NY 14850 (US). **SHALLO-WAY, David**; 90 Lieb Avenue, Spencer, NY 14883 (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 CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU; AP (GH KE LS MW SD SZ UG 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 98/21586** (13) A1

(21) PCT/US97/19612

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/749,595 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/535

(54) CHEMILUMINESCENT DETECTION METHODS USING DUAL ENZYME-LABELED BINDING PARTNERS
PROCEDES DE DETECTION CHIMIO-LUMINESCENTS AU MOYEN DE PARTENAIRES DE LIAISON A MARQUAGE ENZYMATIQUE DOUBLES

(71) **LUMIGEN, INC.** [US/US]; 24485 W. Ten Mile Road, Southfield, MI 48034 (US).

(72) **AKHAVAN-TAFTI, Hashem**; 2107 Johns Drive, Brighton, MI 48116 (US). **SUGIOKA, Katsuaki**; 28519 Marc Drive, Farmington Hills, MI 48336 (US). **SUGIOKA, Yumiko**; 28519 Marc Drive, Farmington Hills, MI 48336 (US). **REDDY, Lekkala, V.**; 2544 Traver Boulevard, Ann Arbor, MI 48105 (US).

(74) **BOLAND, Mark** . et al. / etc.; Sughrue, Mion, Zinn, MacPeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20031-3202 (US).

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

(11) **WO 98/21587** (13) A1

(21) PCT/CA97/00828

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/746,420 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/543, 33/58, 27/327, 27/22, 21/64, C12N 7/00, C12Q 1/68

(54) NANOPARTICLES BIOSENSOR
BIOCAPTEUR DE NANOPARTICULES

(63) US 08/746,420 (CIP)
8 Nov/nov 1996 (08.11.1996)

(71) **NoAB IMMUNOASSAY INC.** [CA/CA]; Unit #1, 50 Valleywood Drive, Markham, Ontario L3R 6E9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EWART, Thomas, G.** [CA/CA]; 110 McClure Drive, King City, Ontario L7B 1B9 (CA). **BOGLE, Gavin, T.** [CA/CA]; Suite 406, 24 Wellesley Street, West, Toronto, Ontario M4Y 1G1 (CA).

(74) **WOODLEY, John, H.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21588** (13) A1

(21) PCT/US97/20475

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/748,711 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/545, B01D 67/00

(54) MEMBRANE AND METHODS OF PREPARING AND USING SAME
MEMBRANE ET SES PROCEDES DE PREPARATION ET D'UTILISATION

(71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US).

(72) **GELMAN, Charles**; 2685 Hawthorne Road, Ann Arbor, MI 48104 (US). **KONSTANTIN, Peter**; 927 Coronado Drive, Gulf Breeze, FL 32561 (US). **WIXWAT, Wilfrid, Klaus**; 7592 Northpointe Boulevard, Pensacola, FL 32514 (US). **YANG, Yujing**; 7791 Northpointe Boulevard, Pensacola, FL 32514 (US). **HOU, Chung-Jen**; 2258 Oxford Drive, Pensacola, FL 32503 (US).

(74) **KILYK, John, Jr.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, Chicago, IL 60601-6708 (US).

(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 98/21589** (13) A1

(21) PCT/US97/20212

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,967 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 60/055,299 (32) **8 Aug/Août 1997 (08.08.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/567, A01N 37/18, A61K 38/00

(54) SCREENING FOR MODULATORS OF AMYLOID PROCESSING
RECHERCHE DE MODULATEURS DE LA TRANSFORMATION DE L'AMYLOÏDE

(71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Center for Technology Transfer, Suite 300, 3700 Market Street, Philadelphia, PA 19104-3147 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Virginia, M.-Y.** [US/US]; 2005 Pine Street, Philadelphia, PA 19103 (US). **DOMS, Robert, W.** [US/US]; 1230 Leopard Road, Berwyn, PA 19312 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (US).

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

(11) **WO 98/21590** (13) A1

(21) PCT/US97/20214

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,961 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 967,625 (32) **12 Nov/nov 1997 (12.11.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/574, 33/48, 33/53, 33/542, 33/543, 33/537, C07K 16/00, C12P 21/08

(54) METHODS FOR DETECTING CELL APOPTOSIS
PROCEDES DE DETECTION DE L'APOPTOSE CELLULAIRE

(71) **CEPHALON, INC.** [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US).

(72) **SIMAN, Robert**; 2646 Bittersweet Drive, Wilmington, DE 19810 (US). **BOZYCZKO-COYNE, Donna**; 1703 Flint Hill Road, Landenberg, PA 19350 (US). **MEYER, Sheryl, L.**; 274 Level Road, Collegeville, PA 19426 (US). **BHAT, Ratan, Venkatraman**; 145 Whispering Oaks Drive, West Chester, PA 19382 (US).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).

Published / Publiée : (c)

(11) **WO 98/21591** (13) A1

(21) PCT/US97/20571

(22) **13 Sep/sep 1997 (13.09.1997)**

(25) en (26) en

(31) 08/748,387 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/68, 33/60

(54) P-SELECTIN ASSAYS AND METHODS OF USE THEREOF
DOSAGES DE P-SELECTINE ET PROCEDES D'UTILISATION CORRESPONDANTS

(63) US 08/748,387 (CIP)
13 Nov/nov 1996 (13.11.1996)

(71) **CENTOCOR, INC.** [US/US]; 200 Great Valley Parkway, Malvern, PA 19355 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DALESANDRO, Margaret, R.** [US/US]; 610 Croyley Lane, Devon, PA 19333 (US). **FREDE-RICK, Bart** [US/US]; 100 Yellow Wood Drive, Downingtown, PA 19335 (US). **GUMBS, Cindy, I.** [US/US]; Apartment E, 524 West Marshall Street, West Chester, PA 19380 (US).

(74) **BROOK, David, E.** 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 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).

Published / Publiée : (c)

(11) **WO 98/21592** (13) A1

(21) PCT/US97/20870

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,753 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(31) 08/783,373 (32) **13 Jan/jan 1997 (13.01.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/74, 33/94

(54) ASSAYS FOR NON-INSULIN DEPENDENT DIABETES
DOSAGES RELATIFS AU DIABETE NON INSULINODEPENDANT

(71) **RECEPTRON CORPORATION** [US/US]; 835 Maude Avenue, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Ulf** [SE/SE]; Strandragsvejen 8, S-411 05 Gothenburg (SE). **RONDINONE, Christina, M.** [SE/SE]; Kronhusgatan 12, S-411 95 Gothenburg (SE).

(74) **TRECARTIN, Richard, F.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21593** (13) A1

(21) PCT/US97/19484

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

(25) en (26) en

(31) 08/747,558 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 33/80, 33/564

(54) SIMULTANEOUS HUMAN ABO AND Rh(D) BLOOD TYPING OR ANTIBODY SCREENING BY FLOW CYTOMETRY
TYPAGE DES GROUPES SANGUINS ABO ET Rh(D) OU DETECTION D'ANTICORPS PAR CYTOMETRIE DE FLUX

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).

(72) **VYAS, Girish, N.**; 2135 14th Avenue, San Francisco, CA 94116 (US). **VENKATESWARAN, Kodumudi**; 8 Adolph Sutro Court, San Francisco, CA 94131 (US).

(74) **BOZICEVIC, Karl**; Bozicevic & Reed LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21594** (13) A2

(21) PCT/US97/21332

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/746,313 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01N 35/00, B01L 7/00

(54) AUTOMATIC CHEMISTRY ANALYZER WITH IMPROVED HEATED REACTION CUP ASSEMBLY
ANALYSEUR CHIMIQUE AUTOMATIQUE AVEC ENSEMBLE CUVE DE REACTION CHAUFFEE AMELIORE

- (71) **BECKMAN INSTRUMENTS, INC.** [US/US]; 2500 Harbor Boulevard, Fullerton, CA 92834-3100 (US).
- (72) **FARREN, Carl, A.**; 5281 Hamer Lane, Placentia, CA 92870 (US).
- (74) **MAY, William, H.** et al. / etc.; Beckman Instruments, Inc., 2500 Harbor Boulevard, Fullerton, CA 92834-3100 (US).
- (81) AU CA CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

-
- (11) **WO 98/21595** (13) A1
(21) PCT/US97/20640
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 08/746,649 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01N 35/10
- (54) AUTOMATIC CHEMISTRY ANALYZER WITH SAMPLE CUP STOPPER PIERCING ASSEMBLY
ANALYSEUR CHIMIQUE AUTOMATIQUE POUR VU D'UN ENSEMBLE DE PERÇAGE DE BOUCHON DE TUBE A ESSAI
- (71) **BECKMAN INSTRUMENTS, INC.** [US/US]; 2500 Harbor Boulevard, Fullerton, CA 92834-3100 (US).
- (72) **FARREN, Carl, A.**; 5281 Hamer Lane, Placentia, CA 92870 (US).
- (74) **MAY, William, H.** et al. / etc.; Beckman Instruments, Inc., 2500 Harbor Boulevard, Fullerton, CA 92834-3100 (US).
- (81) AU CA CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

-
- (11) **WO 98/21596** (13) A2
(21) PCT/US97/17946
(22) **6 Oct/oct 1997 (06.10.1997)**
(25) en (26) en
(31) 08/741,379 (32) **29 Oct/oct 1996 (29.10.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01R
- (54) LIGHTNING TEST METHOD AND APPARATUS
PROCEDE ET APPAREIL D'ESSAI DE DECHARGES ORAGEUSES
- (71) **MCDONNELL DOUGLAS CORPORATION** [US/US]; 5301 Bolsa Avenue, Huntington Beach, CA 92647 (US).
- (72) **KUHLMAN, Brian, P.**; 212 Euclid 116, Long Beach, CA 90803 (US).
- (74) **DOBRUSIN, Eric, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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); 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 98/21597** (13) A1
(21) PCT/NL97/00616
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) en (26) en
(31) 1004510 (32) **12 Nov/nov 1996 (12.11.1996)** (33) NL
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01R 3/00
- (54) METHOD FOR THE MANUFACTURE OF A TEST ADAPTER AS WELL AS TEST ADAPTER AND A METHOD FOR THE TESTING OF PRINTED CIRCUIT-BOARDS
ADAPTATEUR D'ESSAI, SON PROCEDE DE FABRICATION ET PROCEDE SERVANT A CONTROLER DES CARTES A CIRCUITS IMPRIMES
- (71) **CHARMANT BEHEER B.V.** [NL/NL]; Blauwborst 21, NL-5754 CZ Deurne (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **CHARMANT, Jeroen, Wilhelmus, Johannes** [NL/NL]; Blauwborst 21, NL-5754 CZ Deurne (NL). **BECKER, Hans, Georg** [DE/DE]; Im Zirkelsrad 11-13, D-63456 Hanau (DE).
- (74) **VERHEES, Godefridus, Josephus, Maria;** Brabant Octrooibureau, De Pinckart 54, NL-5674 CC Nuenen (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21598** (13) A1
(21) PCT/GB97/03027
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) PO 3589 (32) **13 Nov/nov 1996 (13.11.1996)** (33) AU
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01R 27/06
- (54) APPARATUS FOR MEASURING IMPEDANCE OF A RESONANT STRUCTURE
APPAREIL DE MESURE DE L'IMPEDANCE D'UNE STRUCTURE RESONANTE
- (71, 72) **LONSDALE, Anthony** [GB/GB]; Balscott Mill, Balscote, Banbury, Oxfordshire OX15 6EY (GB). **LONSDALE, Bryan** [GB/GB]; Balscott Mill, Balscote, Banbury, Oxfordshire OX15 6EY (GB).

- (74) **ROCK, Olaf, Colin;** Rock and Company, Trelawn, Cassington, Witney, Oxford OX8 1DN (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

-
- (11) **WO 98/21599** (13) A1
(21) PCT/US97/18738
(22) **21 Oct/oct 1997 (21.10.1997)**

- (25) en (26) en
(31) 08/751,198 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01R 31/327, 31/02, 31/07
- (54) COMPUTERIZED TESTING METHOD AND SYSTEM
PROCEDE ET SYSTEME DE TEST INFORMATISE
- (71) **UNITED TECHNOLOGIES AUTOMOTIVE, INC.** [US/US]; 5200 Auto Club Drive, Dearborn, MI 48126-9982 (US).
- (72) **STEPANENKO, Walter, K., Jr.;** 23900 Lakewood Street, St. Clair Shores, MI 48101 (US).
- (74) **DOIGAN, Lloyd, D.;** United Technologies Automotive, Inc., Legal Dept./Patent, 5200 Auto Club Drive, Dearborn, MI 48126-9982 (US).
- (81) JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

-
- (11) **WO 98/21600** (13) A1
(21) PCT/US97/20068
(22) **5 Nov/nov 1997 (05.11.1997)**
(25) en (26) en
(31) 08/746,358 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01R 33/3415
- (54) SIMULTANEOUS ACQUISITION OF SPATIAL HARMONICS (SMASH): ULTRA-FAST IMAGING WITH RADIOFREQUENCY COIL ARRAYS
ACQUISITION SIMULTANEE D'HARMONIQUES SPATIALES: IMAGERIE EXTREMEMENT RAPIDE A L'AIDE D'UN GROUPEMENT DE BOBINES DE FREQUENCE RADIOELECTRIQUE
- (71) **BETH ISRAEL DEACONESS MEDICAL CENTER, INC.** [US/US]; 330 Brookline Avenue, RN-227, Boston, MA 02215 (US).
- (72) **SODICKSON, Daniel, Kevin;** Apartment 12-D, 1105 Massachusetts Avenue, Cambridge, MA 02138 (US).
- (74) **LOREN, Ralph, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AU CA IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

-
- (11) **WO 98/21601** (13) A1
(21) PCT/EP97/05976
(22) **29 Oct/oct 1997 (29.10.1997)**
(25) de (26) de
(31) 196 46 227.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G01S 13/28
- (54) PULSE RADAR PROCESS WITH EVALUATION OF THE RECEIVING SIGNAL
PROCEDE DE DETECTION PAR RADAR A IMPULSIONS AVEC EVALUATION DU SIGNAL DE RECEPTION

(71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Patentabteilung AJ-3, D-80788 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAIER, Dietmar** [DE/DE]; Lodronstrasse 5, D-84095 Furth (DE).

(74) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT**; Patentabteilung AJ-3, D-80788 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/21602** (13) A1

(21) PCT/EP97/05998

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) de (26) de

(31) 196 46 228.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01S 13/34

(54) PROCESS FOR DETERMINING THE DISTANCE BETWEEN TWO OBJECTS
PROCEDE POUR DETERMINER UNE DISTANCE ENTRE DEUX OBJETS

(71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Patentabteilung AJ-3, D-80788 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEWALD, Dieter** [DE/DE]; Sudenten 25, D-83052 Bruckmühl (DE).

(74) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT**; Patentabteilung AJ-3, D-80788 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/21603** (13) A1

(21) PCT/US97/20580

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 748,647 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01S 13/72

(54) GROUP TRACKING
POURSUITE D'UN GROUPE

(71) **HE HOLDINGS, INC., doing business as HUGHES ELECTRONICS** [-/US]; 7200 Hughes Terrace, P.O. Box 80028, Los Angeles, CA 90045-0066 (US).

(72) **BLACKMAN, Samuel, S.**; 7841 Kenyon Avenue, Los Angeles, CA 90045 (US). **DEMPSTER, Robert, J.**; 4816 Algoma Avenue, Los Angeles, CA 90041 (US). **NICHOLS, Thomas, S.**; 2020 Augusta Court, La Habra, CA 90631 (US).

(74) **GRUNEBACH, Georgann, S.** et al. / etc.; Hughes Electronics, 7200 Hughes Terrace, P.O. Box 80028, Los Angeles, CA 90045-0066 (US).

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

Published / Publiée : (c)

(11) **WO 98/21604** (13) A1

(21) PCT/JP97/04089

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) ja (26) ja

(31) 8/315687 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(31) 8/315688 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01S 13/93, G08G 1/16

(54) VEHICLE ON WHICH MILLIMETER WAVE RADAR IS MOUNTED
VEHICULE EQUIPE D'UN RADAR A ONDES MILLIMETRIQUES

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITAHARA, Yasuo** [JP/JP]; Komatsu Ltd. Construction Equipment Research Center, 20-1, Nakase 3-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210 (JP). **MURAKAMI, Taku** [JP/JP]; Komatsu Ltd. Construction Equipment Research Center, 20-1, Nakase 3-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210 (JP). **YAMASAKI, Kunihiko** [JP/JP]; Komatsu Ltd. Research Laboratory, 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP).

(74) **HASHIZUME, Yoshihiko**; Komatsu Building 8F, 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).

(81) AU CA CN GB US.

(11) **WO 98/21605** (13) A1

(21) PCT/DE97/02415

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) de (26) de

(31) 196 46 830.2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01S 17/36, 17/88, G01C 7/06, B61K 9/02

(54) NON CONTACT OBJECT SENSING DEVICE
DISPOSITIF DE SAISIE SANS CONTACT D'OBJETS

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÖFLER, Heinrich** [DE/DE]; Hans-Sachs-Strasse 37, D-79331 Teningen (DE). **MÜLLER, René** [DE/DE]; Bergstrasse 78, D-79268 Bötzingen (DE). **WOLFELSCHNEIDER, Harald** [DE/DE]; Kaiserstuhlstrasse 21, D-79279 Vörstetten (DE).

(74) **RACKETTE, Karl**; Kaiser-Joseph-Strasse 179, Postfach 13 10, D-79013 Freiburg (DE).

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

(11) **WO 98/21606** (13) A1

(21) PCT/FR97/01991

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) fr (26) fr

(31) 96/13670 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01T 1/164, 1/17

(54) METHOD AND DEVICE FOR PROCESSING SIGNALS FROM A SET OF PHOTODETECTORS WITH CELLULAR ARCHITECTURE, AND APPLICATION TO GAMMA-CAMERAS
PROCEDE ET DISPOSITIF DE TRAITEMENT DES SIGNAUX D'UN ENSEMBLE DE PHOTODETECTEURS AYANT UNE ARCHITECTURE CELLULAIRE, ET APPLICATION AUX GAMMA-CAMERAS

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOURNIER, Edmond** [FR/FR]; 2, square Léon Martin, F-38000 Grenoble (FR). **CHABERT, Bernard** [FR/FR]; F-38470 Beaulieu (FR). **CHAPUIS, Alain** [FR/FR]; 22, rue de la Balme, F-38950 Saint Martin le Vinoux (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).

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

Published / Publiée : (c)

(11) **WO 98/21607** (13) A1

(21) PCT/FR97/02010

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13669 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01T 1/164

(54) DEVICE AND METHOD FOR DETERMINING THE ASSUMED POSITION OF A PHENOMENON RELATIVE TO A SET OF PHOTODETECTORS, AND APPLICATION TO GAMMA-CAMERAS
DISPOSITIF ET PROCEDE DE DETERMINATION DE LA POSITION PRESUMEE D'UN EVENEMENT PAR RAPPORT A UN ENSEMBLE DE PHOTODETECTEURS, ET APPLICATION AUX GAMMA-C

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAPUIS, Alain** [FR/FR]; 220, rue de la Balme, F-38950 Saint Martin le Vinoux (FR). **JANIN, Claude** [FR/FR]; 34, avenue Maréchal Randon, F-38000 Grenoble (FR). **MESTAIS, Corinne** [FR/FR]; 140, route de Montabon, F-38660 La Terrasse (FR). **TARARINE, Michel** [FR/FR]; 6, rue du Four, F-92330 Sceaux (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, F-75008 Paris (FR).

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

(11) **WO 98/21608** (13) A1

(21) PCT/DE97/02416

(22) **17 Oct/oct 1997 (17.10.1997)**

(25) de (26) de

(31) 196 46 102.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01V 8/20, B60M 1/28

(54) SECURITY AND ALARM DEVICE FOR KEYS/KEY CARDS
DISPOSITIF DE SAISIE SANS CONTACT D'OBJETS

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÖFLER, Heinrich** [DE/DE]; Hans-Sachs-Strasse 37, D-79331 Tenningen (DE). **MÜLLER, René** [DE/DE]; Bergstrasse 78, D-79268 Bötzingen (DE). **WOLFELSCHNEIDER, Harald** [DE/DE]; Kaiserstuhlstrasse 21, D-79297 Vörstetten (DE).

(74) **RACKETTE, Karl**; Kaiser-Joseph-Strasse 179, Postfach 13 10, D-79013 Freiburg (DE).

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

Published / Publiée : (c)

(11) **WO 98/21609** (13) A1

(21) PCT/US97/20839

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,508 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G01W 1/14, 1/02

(54) FROZEN PRECIPITATION ACCUMULATION ALERT SYSTEM
SYSTEME D'ALERTE POUR PRECIPITATION SOLIDES

(71) **UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH** [US/US]; P.O. Box 3000, Boulder, CO 80307 (US).

(72) **RASMUSSEN, Roy, Martin**; 599 Aztec Drive, Boulder, CO 80303 (US). **ADAMS, Wayne, Michael**; 1853 - 26th Street, Boulder, CO 80302 (US). **COLE, Jeff, Alan**; 133 Griffith Street, Louisville, CO 80027 (US). **HAGE, Frank, William**; 375 South 43rd Street, Boulder, CO 80303 (US). **WADE, Charles, Geoffery**; 2740 Juilliard Street, Boulder, CO 80303 (US).

(74) **GUETLICH, Mark, A.** et al. / etc.; Duft, Graziano & Forest, P.C., Suite 140, 1790 - 30th Street, Boulder, CO 80301-1018 (US).

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

Published / Publiée : (c)

(11) **WO 98/21610** (13) A1

(21) PCT/US97/21203

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,590 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 1/11

(54) OPTICAL TRANSPARENCY HAVING A DIFFUSE ANTIREFLECTION COATING AND PROCESS FOR MAKING IT
DIAPOSITIF OPTIQUE POSSEDANT UN REVETEMENT ANTIREFLECHISSANT DIFFUS ET SON PROCEDE DE FABRICATION

(63) US 08/747,590 (CIP)
12 Nov/nov 1996 (12.11.1996)

(71) **YAZAKI CORPORATION** [JP/JP]; Mita-Kokusai Building, 17th floor, 4-28, 1-chome, Mita, Minato-ku, Tokyo (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAN, Yongan** [CN/US]; 2520 Rutland Place, Thousand Oaks, CA 91362 (US). **CHEN, Din-Guo** [-/US]; 356 Countryside Road, Agoura, CA 91301 (US). **SATO, Yoshitake** [JP/US]; 710 Deer Run Lane #170, Agoura, CA 91301 (US). **SARKAR, Arnab** [US/US]; 6715 Daryn Drive, West Hills, CA 91307 (US).

(74) **BRUEGGEMANN, James, R.**; Sheppard Mullin Richter & Hampton LLP, 48th floor, 333 South Hope Street, Los Angeles, CA 90071 (US).

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

Published / Publiée : (c)

(11) **WO 98/21611** (13) A1

(21) PCT/US97/20914

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/747,804 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 5/02, 5/18, 5/32

(54) LIGHT DISPERSIVE INSULATED GLAZING UNIT
VITRAGE ISOLANT DISPERSANT LA LUMIERE

(71) **THINKING LIGHTLY INC.** [US/US]; 5076 Hall Road, Santa Rosa, CA 95401 (US).

(72) **TOWN, Michael, Hayden**; 5076 Hall Road, Santa Rosa, CA 95401 (US).

(74) **RANDALL, David, 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21612** (13) A1

(21) PCT/US97/20234

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/746,526 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/753,126 (32) **20 Nov/nov 1996 (20.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 5/32

(54) OPTICAL SYSTEM FOR ALTERNATIVE OR SIMULTANEOUS DIRECTION OF LIGHT ORIGINATING FROM TWO SCENES TO THE EYE OF A VIEWER
SYSTEME OPTIQUE PERMETTANT D'ENVOYER ALTERNATIVEMENT OU SIMULTANEMENT VERS L'OEIL D'UN OBSERVATEUR LA LUMIERE VENANT DE DEUX SCENES

(71) **FRIEDMAN, Mark, M.** [US/IL]; 1 Alharizi, 43406 Raanana (IL).
(only for / seulement pour TJ)

(71, 72) **DAVID, Yair** [IL/IL]; 6 Ankor, 47229 Ramat Hasharon (IL). **BEN-YEHUDA, Yariv** [IL/IL]; 8 Bat Yiftach, 67732 Tel Aviv (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 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).

Published / Publiée : (c)

(11) **WO 98/21613** (13) A1

(21) PCT/US97/20106

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) en (26) en

(31) 08/746,604 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 6/26, 6/255

(54) 1XN AND NXN FIBER OPTIC COUPLERS
COUPLEURS POUR FIBRES OPTIQUES 1XN ET NXN

(71) **E-TEK DYNAMICS, INC.** [US/US]; 1885 Lundy Avenue, San Jose, CA 95131 (US).

(72) **PAN, Jing-Jong**; 1885 Lundy Avenue, San Jose, CA 95131 (US). **SHIH, Ming**; 1885 Lundy Avenue, San Jose, CA 95131 (US). **WU, Weiti**; 1885 Lundy Avenue, San Jose, CA 95131 (US). **KO, Yu-Li**; 1885 Lundy Avenue, San Jose, CA 95131 (US). **YU, Donna, S.**; 1885 Lundy Avenue, San Jose, CA 95131 (US).

(74) **BARRISH, Mark, D.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

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

(11) **WO 98/21614** (13) A1

(21) PCT/EP97/06061

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 296 19 802.1 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 6/44

(54) AERIAL CABLE WITH AT LEAST ONE FIBER OPTIC COMPONENT
CABLE AERIEN AVEC AU MOINS UN COMPOSANT A FIBRES OPTIQUES

(71) **ALCATEL ALSTHOM COMPAGNIE GENERALE D'ELECTRICITE** [FR/FR]; 54, rue La Boétie, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZIEMEKE, Gerhard** [DE/DE]; Bunzlauer Strasse 6, D-30812 Langenhagen (DE).

(74) **MENDE, Eberhard**; Alcatel Alsthom, Intellectual Property Dept., Kabelkamp 20, D-30179 Hannover (DE).

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

Published / Publiée : (c)

(11) **WO 98/21615** (13) A1

(21) PCT/FR97/01971

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) fr (26) fr

(31) 96/13664 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 6/44

(54) TELECOMMUNICATION CABLE WITH OPTICAL FIBERS
CABLE DE TELECOMMUNICATION A FIBRES OPTIQUES

(71) **SAT (SOCIETE ANONYME DE TELECOMMUNICATIONS)** [FR/FR]; 6, avenue d'Iéna, F-75116 Paris (FR).

(72) **CHERON, Philippe**; SAT, 11, rue Watt, F-75013 Paris (FR). **JAMÉT, Patrick**; SAT, 11, rue Watt, F-75013 Paris (FR).

(74) **FRUCHARD, Guy** et al. / etc.; Cabinet Boettcher, 23, rue la Boétie, F-75008 Paris (FR).

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

(11) **WO 98/21616** (13) A1

(21) PCT/EP97/06295

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 2791/96 (32) **12 Nov/nov 1996 (12.11.1996)** (33) CH

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 21/24, 21/22

(54) RETROFITTABLE TUBULAR INTERMEDIARY ELEMENT
PIECE INTERMEDIAIRE TUBULAIRE ADAPTABLE

(71) **LEICA MIKROSKOPIE SYSTEME AG** [CH/CH]; Postfach, CH-9435 Heerbrugg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRÄFENHAIN, Paul** [DE/CH]; Feldstrasse 5, CH-9435 Heerbrugg (CH). **ROTTERMANN, Ruedi** [CH/CH]; Nelkenweg 9, CH-9442 Berneck (CH).

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

Published / Publiée : (c)

(11) **WO 98/21617** (13) A1

(21) PCT/RU97/00090

(22) **28 Mar/mar 1997 (28.03.1997)**

(25) en (26) en

(31) 96121480 (32) **10 Nov/nov 1996 (10.11.1996)** (33) RU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 26/10, G01S 17/02

(54) LASER SYSTEM FOR THE DETECTION OF OPTOELECTRONIC OBJECTS (OEO)
SYSTEME LASER PERMETTANT DE DETECTER DES OBJETS OPTOELECTRONIQUES

(71, 72) **SLIPCHENKO, Nikolai Nikolaevich** [RU/RU]; ul. Gorlov tupik, 13/15-13, Moscow, 103055 (RU). **MIKHAILENKO, Sergei Anatolevich** [RU/RU]; Odintsovsky r-n., Gorki-10, 16-12, Moskovskaya obl., 143000 (RU).

(81) AT BG CA CH CN DE DK ES GB HU IL JP NO SD SE TJ TM TR 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 98/21618** (13) A1

(21) PCT/FR97/02011

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) fr (26) fr

(31) 96/13741 (32) **12 Nov/nov 1996 (12.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 27/01, 23/12

(54) HELMET WITH NIGHT VISION SYSTEM AND OPTIC CAPABLE OF BEING SUBSTITUTED FOR DAY VISION
CASQUE AVEC SYSTEME DE VISION DE NUIT ET OPTIQUE SUBSTITUABLE POUR LA VISION DE JOUR

(71) **SEXTANT AVIONIQUE** [FR/FR]; Aérodrome de Villacoublay, F-78140 Vélizy Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POTIN, Laurent** [FR/FR]; Thomson-CSF S.C.P.I., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **BAUDOU, Joël** [FR/FR]; Thomson-CSF S.C.P.I., 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **THOMSON-CSF S.C.P.I.**; 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

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

(11) **WO 98/21619** (13) A1

(21) PCT/DE97/02625

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 46 046.8 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 27/22, H04N 13/00

(54) STEREO HOLOGRAM DISPLAY (HOLDISP)
AFFICHAGE PAR HOLOGRAMME STEREO

(71, 72) **HENTSCHKE, Siegbert** [DE/DE]; Wilhelmshöher Allee 71, D-34121 Kassel (DE).

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

Published / Publiée : (c)

(11) **WO 98/21620** (13) A1

(21) PCT/IB97/01269

(22) **13 Oct/oct 1997 (13.10.1997)**

(25) en (26) en

(31) 9623682.3 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02B 27/22

(54) AUTOSTEREOSCOPIC DISPLAY APPARATUS
APPAREIL D'AFFICHAGE AUTOSTEREOSCOPIQUE

(71) **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) **BATTERSBY, Stephen, John**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WILLIAMSON, Paul, L.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/21621** (13) A1

(21) PCT/US97/19918

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/751,220 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G02C 7/04

(54) MULTIFOCAL CORNEAL CONTACT LENS
PAIR
PAIRE DE LENTILLES DE CONTACT CORNEENNES MULTIFOCALES

(71) **PERMEABLE TECHNOLOGIES, INC.** [US/US]; 712 Ginesi Drive, Morganville, NJ 07751 (US).

(72) **SEIDNER, Leonard**; 4 Walden Court, Manalapan, NJ 17726 (US). **POSTER, Maurice**; 108 Columbia Drive, Jericho, NY 11753 (US).

(74) **SUDOL, R., Neil**; Coleman Sudol, LLP, 270 Madison Avenue, New York, NY 10016 (US).

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

(11) **WO 98/21622** (13) A1

(21) PCT/DE97/02657

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) de (26) de

(31) 196 46 943.0 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G03B 21/62, G02B 5/136, 26/08, F21V 8/00, H04N 9/31

(54) FLAT DISPLAY SCREEN
ECRAN PLAT

(71, 72) **HÖRDUM, Martin** [DE/DE]; Kartäuserhof 21, D-50678 Köln (DE).

(74) **BAUER, Wulf**; Bayenthalgürtel 15, D-50968 Köln (DE).

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

Published / Publiée : (c)

(11) **WO 98/21623** (13) A1

(21) PCT/US97/20974

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,598 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G03B 23/02, 23/06, G11B 23/04

(54) FLANGE TAPE REEL HAVING AN ADAPTIVE SECTION FOR ENSURING UNIFORM STACKING OF TAPE
BOBINE DE BANDE A FLASQUES MUNIE D'UNE PARTIE ADAPTABLE PERMETTANT D'ASSURER UN ENROULEMENT UNIFORME DE LA BANDE

(71) **QUANTUM CORPORATION** [US/US]; 500 McCarthy Boulevard, Milpitas, CA 95035 (US).(72) **SALIBA, George**; 109 Howard Street, Northboro, MA 01532 (US). **PANISH, Joseph**; 285 Goldsmith Street, Littleton, MA 01460 (US).(74) **CHUN, Debra, A.** et al. / etc.; Quantum Corporation, 500 McCarthy Boulevard, Milpitas, CA 95035 (US).

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

Published / Publiée : (c)

(11) **WO 98/21624** (13) A1

(21) PCT/EP97/06177

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 46 606.7 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G03B 42/04

(54) METHOD AND DEVICE FOR PROCESSING A PHOTOSTIMULATABLE IMAGE PLATE
PROCEDE ET DISPOSITIF DE TRAITEMENT D'UNE PLAQUE IMAGE PHOTOSTIMULABLE

(71) **AGFA-GEVAERT AKTIENGESELLSCHAFT** [DE/DE]; D-51373 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **JÜRGEN, Müller** [DE/DE]; Bozzarstrasse 7, D-81545 München (DE). **WALTER, Bauer** [IT/DE]; Gustav-Heinemann-Ring 38, D-81739 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/21625** (13) A2

(21) PCT/IL97/00361

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 119594 (32) **10 Nov/nov 1996 (10.11.1996)** (33) IL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G03C 5/16(54) WIDE LATITUDE FILM
FILM A LATITUDE ETENDUE(71) **SMARTLIGHT LIMITED** [IL/IL]; P.O. Box 356, 36602 Nesher (IL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **INBAR, Dan** [IL/IL]; Disraeli Street 22, 34334 Haifa (IL).(74) **FENSTER, Paul** et al. / etc.; Fenster & Company, P.O. Box 2741, 49127 Petach Tikva (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21626** (13) A1

(21) PCT/GB97/03008

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9623185.7 (32) **9 Nov/nov 1996 (09.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G03F 7/00

(54) MULTIFUNCTIONAL MICROSTRUCTURES AND PREPARATION THEREOF
MICROSTRUCTURES POLYVALENTES ET PREPARATION ASSOCIE

(71) **EPIGEM LIMITED** [GB/GB]; Wilton Centre, P.O. Box 90, Wilton, Middlesbrough, Cleveland TS90 8JE (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **RYAN, Timothy, George** [GB/GB]; Aireyholme House, Aireyholme, Great Ayton, Middlesbrough, Cleveland TS9 6HP (GB). **HARVEY, Thomas, Grierson** [GB/GB]; 42 Riversdene, Stokesley, Middlesbrough, Cleveland TS9 5DD (GB).(74) **MARKGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO2 2AP (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 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 98/21627** (13) A1

(21) PCT/US97/20179

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/748,377 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G03G 9/113, 9/135

(54) ELECTROPHOTOGRAPHIC CARRIER COMPOSITIONS HAVING IMPROVED LIFE
COMPOSITIONS DE SUPPORTS ELECTROPHOTOGRAPHIQUES VIEILLISSANT MIEUX

(71) **NASHUA CORPORATION** [US/US]; 44 Franklin Street, Nashua, NH 03061-2002 (US).(72) **BRANTLY, Thomas**; 6 Tufts Drive, Nashua, NH 03060 (US).(74) **TRIANO, Nicholas, P., III.** et al. / etc.; Weingar-ten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

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

Published / Publiée : (c)

(11) **WO 98/21628** (13) A1

(21) PCT/JP96/03286

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) ja (26) ja

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G03G 15/08, 15/01

(54) DEVELOPING DEVICE AND ELECTROPHOTOGRAPHIC DEVICE
DISPOSITIF DE DEVELOPPEMENT ET DISPOSITIF ELECTROPHOTOGRAPHIQUE

(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) **MIYASAKA, Toru** [JP/JP]; Izumigamori Ryo, 20-1, Mizukicho 2-chome, Hitachi-shi, Ibaraki 316 (JP). **OONISHI, Kazushige** [JP/JP]; Tozawa Ryo, 10-12, Suehirocho 3-chome, Hitachi-shi, Ibaraki 316 (JP). **SAITO, Masahiko** [JP/JP]; 2305-7, Isohara, Isoharacho, Kitaibaraki-shi, Ibaraki 319-15 (JP). **OKANO, Tadashi** [JP/JP]; Sakuragawa Ryo, 1-3, Kokubucho 2-chome, Hitachi-shi, Ibaraki 316 (JP). **TAKEYA, Shooji** [JP/JP]; 1299-10, Muramatsu, Tokai-mura, Naka-gun, Ibaraki 319-11 (JP).(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) **WO 98/21629** (13) A2

(21) PCT/US97/21069

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,962 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G03H

(54) IN-LINE HOLOGRAPHIC MASK FOR MICRO-MACHINING
MASQUE HOLOGRAPHIQUE EN LIGNE DESTINE AU MICRO-USINAGE

(71) **DIFFRACTION, LTD.** [US/US]; P.O. Box 1115, Waitsfield, VT 05673 (US).(72) **PARKER, Julie, W.**; P.O. Box 1115, Waitsfield, VT 05673 (US). **PARKER, William, P.**; P.O. Box 1115, Waitsfield, VT 05673 (US).(74) **MEIER, Lawrence, H.**; Downs Rachlin & Martin, PLLC, 199 Main Street, P.O. Box 190, Burlington, VT 05402-0190 (US).

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

(11) **WO 98/21630** (13) A1

(21) PCT/US97/20501

(22) **10 Nov/nov 1997 (10.11.1997)**

- (25) en (26) en
(31) 08/748,280 (32) **13 Nov/nov 1996** (33) US
(13.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G04B 37/00
- (54) MODULAR WRISTWATCH ASSEMBLY AND CASE ASSEMBLY FOR SAME
ENSEMBLE MONTRE-BRACELET MODULAIRE ET SON ENSEMBLE BOITE
- (71) **BONNEVILLE WATCHES, a division of BONNEVILLE WORLDWIDE, INC.** [US/US]; 12461 Country Lane, Santa Ana, CA 92705 (US).
- (72) **FANSHAW, Bradley, J.**; 12461 Country Lane, Santa Ana, CA 92705 (US).
- (74) **UXA, Frank, J.**; 100 Pacifica #210, Irvine, CA 92618 (US).
- (81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21631** (13) A1
(21) PCT/JP97/04083
(22) **10 Nov/nov 1997** (10.11.1997)
(25) ja (26) ja
(31) 8/298802 (32) **11 Nov/nov 1996** (33) JP
(11.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G05D 1/00
- (54) REMOTE CONTROLLER FOR MOBILE STATION
TELECOMMANDE POUR STATION MOBILE
- (71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIZUI, Seiichi** [JP/JP]; Kenkyusho of Komatsu Ltd., 1200, Manda, Hiratsuka-shi, Kanagawa 254 (JP).
- (74) **KIMURA, Takahisa** et al. / etc.; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).
- (81) AU US.
-
- (11) **WO 98/21632** (13) A1
(21) PCT/US97/17691
(22) **30 Sep/sep 1997** (30.09.1997)
(25) en (26) en
(31) 08/747,843 (32) **13 Nov/nov 1996** (33) US
(13.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G05D 16/10, F15B 11/05, 11/16
- (54) PRESSURE COMPENSATING HYDRAULIC CONTROL VALVE SYSTEM
SYSTEME DE VALVES DE COMPENSATION DE PRESSION POUR COMMANDE HYDRAULIQUE
- (71) **HUSCO INTERNATIONAL, INC.** [US/US]; P.O. Box 257, Waukesha, WI 53187-0257 (US).
- (72) **WILKE, Raud, A.**; W360 S3361 Highway 67, Dousman, WI 53118 (US).
- (74) **HAAS, George, E.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) BR CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21633** (13) A2
(21) PCT/US97/20675
(22) **12 Nov/nov 1997** (12.11.1997)
(25) en (26) en
(31) 08/748,821 (32) **14 Nov/nov 1996** (33) US
(14.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G05D 16/20
- (54) CURRENT TO PRESSURE CONVERTER
CONVERTISSEUR DE COURANT EN PRESSION
- (71) **FOXBORO ECKARDT GMBH** [DE/DE]; Pragstrasse 82, D-70376 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **FRANZ, Hartmut** [DE/DE]; Gutenbergstrasse 13, D-71404 Korb (DE). **SIEBART, Rolf** [DE/DE]; Herdweg 18, D-71254 Ditzingen (DE).
- (72, 75) **KALINOSKI, Richard, W.** [US/US]; 64 Francis Lane, Little Compton, RI 02837 (US).
- (74) **HENNESSEY, Gilbert, H.**; Fish and Richardson PC, 225 Franklin Street, Boston, MA 02110 (US).
- (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 98/21634** (13) A1
(21) PCT/US97/20985
(22) **14 Nov/nov 1997** (14.11.1997)
(25) en (26) en
(31) 08/749,106 (32) **14 Nov/nov 1996** (33) US
(14.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G05F 1/00
- (54) THREE-WAY DIMMING BALLAST CIRCUIT WITH PASSIVE POWER FACTOR CORRECTION
CIRCUIT DE BALLAST DE GRADATION A TROIS VOIES A CORRECTION PASSIVE DU FACTEUR DE PUISSANCE
- (71) **PACIFIC SCIENTIFIC COMPANY** [US/US]; 7th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (72) **MOISIN, Mihail, S.**; 8 Druce Street, Brookline, MA 02146 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21635** (13) A1
(21) PCT/IB97/01211
(22) **3 Oct/oct 1997** (03.10.1997)
(25) en (26) en
(31) 96203137.3 (32) **8 Nov/nov 1996** (33) EP
(08.11.1996)
(34) NL et al. / etc.
(43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G05F 3/30, 3/26
- (54) BAND-GAP REFERENCE VOLTAGE SOURCE SOURCE DE TENSION DE REFERENCE A BARRIERE DE POTENTIEL
- (71) **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) **ANNEMA, Anne, Johan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21636** (13) A2
(21) PCT/US97/19970
(22) **7 Nov/nov 1997** (07.11.1997)
(25) en (26) en
(31) 08/747,374 (32) **12 Nov/nov 1996** (33) US
(12.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F
- (54) DYNAMIC ENHANCEMENT/REDUCTION OF GRAPHICAL IMAGE DATA RESOLUTION
REHAUSSEMENT/REDUCTION DYNAMIQUES DE RESOLUTIONS DE DONNEES D'IMAGES GRAPHIQUES
- (71) **CHROMATIC RESEARCH, INC.** [US/US]; 615 Tasman Drive, Sunnyvale, CA 94089 (US).
- (72) **INMAN, Jennifer, F.**; 3130 Webster Street #21, San Francisco, CA 94123 (US). **SMITH, Wade, K.**; 1023 Rockrose Avenue, Sunnyvale, CA 94086 (US). **LUM, Sanford, S.**; Apartment 415, 330 Elan Village Lane, San Jose, CA 95134 (US).
- (74) **KWOK, Edward, C.** et al. / etc.; 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 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 98/21637** (13) A2
(21) PCT/US97/20936
(22) **14 Nov/nov 1997** (14.11.1997)
(25) en (26) en
(31) 60/031,065 (32) **15 Nov/nov 1996** (33) US
(15.11.1996)
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F
- (54) SYSTEM FOR BUILDING AN ARTIFICIAL NEURAL NETWORK
SYSTEME DE CONSTRUCTION D'UN RESEAU NEURONAL ARTIFICIEL
- (71, 72) **TOMITA, Kenichi** [US/US]; 413 Shetland Drive, Williamsville, NY 14221 (US).

(74) **LUKACHER, Kenneth, J.**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21638** (13) A1

(21) PCT/US96/17891

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 1/14

(54) MULTI-MEMORY FUNCTION PROGRAMMABLE COUNTER AND TIMER
COMPTEUR ET RYTHMEUR PROGRAMMABLES A FONCTION MULTIMEMOIRE

(71, 72) **LEE, Chang, Shi** [US/US]; 3321 Fay Avenue, Culver City, CA 90232 (US). **LEE, Ching, Tai** [CN/US]; 3321 Fay Avenue, Culver City, CA 90232 (US).

(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215-0035 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 (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 98/21639** (13) A1

(21) PCT/EP96/04908

(22) **9 Nov/nov 1996 (09.11.1996)**

(25) de (26) de

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 1/16, 3/06, 7/00, 9/06, 12/16, 11/20, 13/00, G11B 23/00, 23/30, 31/00, 33/12, G11C 8/00, 29/00, H03M 7/00

(54) INTERCHANGEABLE TRANSPORTABLE DATA CARRIER UNIT FOR COMPUTERS
UNITE SUPPORT DE DONNEES TRANSPORTABLE INTERCHANGEABLE POUR ORDINATEUR

(71, 72) **WEIN, Reinhold** [DE/DE]; Walburgastrasse 2, D-91056 Erlangen (DE).

(74) **RAU, Manfred** et al. / etc.; Königstrasse 2, D-90402 Nürnberg (DE).

(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 (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 98/21640** (13) A1

(21) PCT/US97/21788

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/752,455 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 1/16

(54) HOT SWAPABLE DRIVE/DOCK WITH SOFTWARE DRIVERS FOR IDE INTERFACE
UNITE/ADAPTEUR INTERCHANGEABLE RAPIDEMENT AVEC PROGRAMMES DE GESTION POUR INTERFACE D'ELECTRONIQUE POUR DISPOSITIFS INTEGRES

(71) **AGATE TECHNOLOGIES, INC.** [US/US]; 46782 Lakeview Boulevard, Fremont, CA 94538 (US).

(72) **OOI, Vincent**; Agate Technologies, Inc., 46782 Lakeview Boulevard, Fremont, CA 94538 (US).

(74) **JAFFER, David, H.**; Rosenblum, Parish & Isaacs, 15th floor, 160 W. Santa Clara Street, San Jose, CA 95113 (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 TR TT UA UG UZ VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/21641** (13) A1

(21) PCT/US97/17979

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) en (26) en

(31) 08/746,606 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 1/32

(54) PROCESSOR HAVING SECTIONS OPERATING AT DIFFERENT RATES
PROCESSEUR AVEC UNITES DE TRAITEMENT FONCTIONNANT A DES VITESSES DIFFERENTES

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **SAGER, David, J.**; 9540 N.W. Skyview Drive, Portland, OR 97231 (US). **FLETCHER, Thomas, D.**; 4785 N.W. 177th Place, Portland, OR 97229 (US). **HINTON, Glenn, J.**; 6130 N.W. 185th Avenue, Portland, OR 97229 (US). **UPTON, Michael, D.**; 1410 N.W. 24th Avenue, 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 DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/21642** (13) A1

(21) PCT/US97/20206

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/747,792 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 3/00

(54) METHOD FOR DISPLAYING MULTIPLE VISUAL STYLES
PROCEDE D'AFFICHAGE DE PLUSIEURS STYLES VISUELS

(71) **TRITEAL CORPORATION** [US/US]; 2011 Palomar Airport Road, Carlsbad, CA 92009 (US).

(72) **BEERS, John, C.**; 5022 Milissi Way, Oceanside, CA 92056 (US).

(74) **LAND, John**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

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

Published / Publiée : (c)

(11) **WO 98/21643** (13) A1

(21) PCT/US97/21190

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,268 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 3/00, 15/00

(54) APPARATUS FOR VIRTUAL MOVEMENT AND RELATED METHOD
APPAREIL PERMETTANT D'EFFECTUER DES DEPLACEMENTS VIRTUELS ET PROCEDE ASSOCIE

(63) US 08/747,268 (CIP)
12 Nov/nov 1996 (12.11.1996)

(71) **PLATINUM TECHNOLOGY** [US/US]; 1815 South Meyers Road, Oakbrook Terrace, IL 60181-5241 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAHOOD, Edward, R.** [US/US]; Apartment 2R, 3136 North Lincoln, Chicago, IL 60657 (US).

(74) **WILLMAN, George, A.**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21644** (13) A1

(21) PCT/IB97/01196

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) en (26) en

(31) 96203171.2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 3/023

(54) KEYBOARD AND DEVICE PROVIDED WITH THE KEYBOARD
CLAVIER ET DISPOSITIF ASSOCIE

(71) 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) THUS, Franciscus, Johannes, Maria; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) MAK, Theodorus, N.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) WO 98/21645 (13) A1

(21) PCT/US97/20833

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 08/788,598 (32) 12 Nov/nov 1996 (12.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 3/023

(54) COMPUTER INPUT DEVICE AND CONTROLLER THEREFOR
ORGANE D'ENTREE D'ORDINATEUR ET SON SYSTEME DE COMMANDE

(71) LEGALTECH, INC. [US/US]; Suite 202-B, 10935 Crabapple Road, Roswell, GA 30075 (US).

(72) HENNESSEY, Michael, T.; 480 Clubfield Drive, Roswell, GA 30075 (US).

(74) GARDNER, Arthur, A.; Arthur A. Gardner & Associates, P.C., Paper Mill Village, Building 20, 680 Village Trace SE, Suite E, Marietta, GA 30067 (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 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 98/21646 (13) A1

(21) PCT/DE97/02667

(22) 14 Nov/nov 1997 (14.11.1997)

(25) de (26) de

(31) 196 47 122.2 (32) 14 Nov/nov 1996 (14.11.1996) (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 3/033

(54) DEVICE FOR DISPLAYING PRESENTATION DOCUMENTS
DISPOSITIF POUR PRESENTER DES DOCUMENTS DANS LE CADRE D'EXPOSES

(71, 72) OBERMAYER, Anton [DE/DE]; Rudelsweierstrasse 15A, D-91054 Erlangen (DE).

(74) OTTEN, Herbert; Eisele, Otten & Roth, Seesstrasse 42, D-88214 Ravensburg (DE).

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

Published / Publiée : (c)

(11) WO 98/21647 (13) A1

(21) PCT/US97/20738

(22) 14 Nov/nov 1997 (14.11.1997)

(25) en (26) en

(31) 08/751,188 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 5/06

(54) A METHOD AND ARRANGEMENT TO EFFECTIVELY RETRIEVE DATA FROM A BUFFER
PROCEDE ET AGENCEMENT DESTINES A RECUPERER EFFICACEMENT DES DONNEES RESIDUELLES A PARTIR D'UNE MEMOIRE-TAMPON

(71) CIRRUS LOGIC, INC. [US/US]; 3100 West Warren Avenue, Fremont, CA 94538-6419 (US).

(72) NOOKALA, Narasimha; 3604 Sydney Drive, San Jose, CA 95132 (US). SIVAMANI, Kameswaren; 1055 Lily Avenue, Sunnyvale, CA 94086 (US). SPONRING, Otto; 1013 Russell Avenue, Los Altos, CA 94024 (US).

(74) VIOLETTE, J., P. et al. / etc.; Cirrus Logic, Inc., 3100 West Warren Avenue, Fremont, CA 94538-6419 (US).

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

Published / Publiée : (c)

(11) WO 98/21648 (13) A1

(21) PCT/US97/20627

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(31) 08/749,926 (32) 13 Nov/nov 1996 (13.11.1996) (33) US

(31) 08/927,922 (32) 11 Sep/sep 1997 (11.09.1997) (33) US

(31) 08/964,751 (32) 5 Nov/nov 1997 (05.11.1997) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 9/00

(54) SYNCHRONIZATION OF DATABASES
SYNCHRONISATION DE BASES DE DONNEES

(63) US 08/749,926 (CIP)
13 Nov/nov 1996 (13.11.1996)

(71) PUMA TECHNOLOGY, INC. [US/US]; 2550 North First Street #500, San Jose, CA 95131 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOOTHBY, David, J. [US/US]; 12 Thoreau Drive, Nashua, NH 03062 (US). DALEY, Robert, C. [US/US]; 13 Middle Dunstable Road, Nashua, NH 03062 (US). MARIEN, John, R. [US/US]; 23 Royal Crest Drive, No. 12, Nashua, NH 03062 (US).

(74) LEE, G., Roger; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21649 (13) A1

(21) PCT/IB97/01271

(22) 13 Oct/oct 1997 (13.10.1997)

(25) en (26) en

(31) 9623336.6 (32) 8 Nov/nov 1996 (08.11.1996) (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 9/44, 19/00 // 161:00

(54) AUTONOMOUS COMPOUND AGENTS
AGENTS COMPOSES AUTONOMES

(71) 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) WAVISH, Peter, Roy; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) WHITE, Andrew, G.; 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).

Published / Publiée : (c)

(11) WO 98/21650 (13) A1

(21) PCT/US97/20241

(22) 10 Nov/nov 1997 (10.11.1997)

(25) en (26) en

(31) 08/748,092 (32) 12 Nov/nov 1996 (12.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 9/44

(54) EXECUTABLE FLOWCHART
ORGANIGRAMME EXECUTABLE

(71) MICROGRAFX, INC. [US/US]; 1303 E. Arapaho Road, Richardson, TX 75081 (US).

(72) MACLENNAN, C., James; 4133 Judah Street, San Francisco, CA 94122 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) WO 98/21651 (13) A1

(21) PCT/US97/20377

(22) 12 Nov/nov 1997 (12.11.1997)

(25) en (26) en

(31) 60/030,824 (32) 14 Nov/nov 1996 (14.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 9/44

(54) GENERIC SOFTWARE STATE MACHINE AND METHOD OF CONSTRUCTING DYNAMIC OBJECTS FOR AN APPLICATION PROGRAM AUTOMATE FINI A LOGICIEL STANDARD ET PROCEDE DE CONSTRUCTION D'OBJETS DYNAMIQUES POUR UN PROGRAMME D'APPLICATION

(71) **DSC TELECOM L.P.** [US/US]; 1000 Coit Road, Plano, TX 75075 (US).

(72) **WALKER, Joseph, E.**; 1500 Throwbridge, Plano, TX 75023 (US).

(74) **JEANG, Wei, Wei**; 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21652** (13) A1

(21) PCT/US97/20739

(22) 14 Nov/nov 1997 (14.11.1997)

(25) en (26) en

(31) 08/749,876 (32) 15 Nov/nov 1996 (15.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 9/445

(54) SELF-BOOTING MECHANISM TO ALLOW DYNAMIC SYSTEM CONFIGURATION AND DIAGNOSTIC MECANISME D'AUTO-AMORÇAGE PERMETTANT UN DIAGNOSTIC ET UNÉ CONFIGURATION DYNAMIQUE DE SYSTEME

(71) **CIRRUS LOGIG, INC.** [US/US]; 3100 West Warren Avenue M/S 521, Fremont, CA 94538-6419 (US).

(72) **NOOKALA, Narasimha**; 3604 Sydney Drive, San Jose, CA 95132 (US). **SIVAMANI, Kameswaren**; 1055 Lily Avenue, Sunnyvale, CA 94086 (US). **SPONRING, Otto**; 1013 Russell Avenue, Los Altos, CA 94024 (US).

(74) **VIOLETTE, J., P. et al.** / etc.; Cirrus Logic, Inc., 3100 West Warren Avenue M/S 521, Fremont, CA 94538-6419 (US).

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

Published / Publiée : (c)

(11) **WO 98/21653** (13) A1

(21) PCT/US97/20325

(22) 10 Nov/nov 1997 (10.11.1997)

(25) en (26) en

(31) 08/745,526 (32) 12 Nov/nov 1996 (12.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 11/00

(54) VIRTUAL MONITOR DEBUGGING METHOD AND APPARATUS PROCEDE ET DISPOSITIF DE DEVERMINAGE A MONITEUR VIRTUEL

(71) **SYMBIOS, INC.** [US/US]; 2001 Danfield Court, Fort Collins, CO 80525 (US).

(72) **KEMP, Steven, R.**; 1100 Engleman Place, Loveland, CO 80538 (US). **WHITEHILL, Clifford, A.**; 1406 Tarryton Drive, Fort Collins, CO 80525 (US). **POEPPLEMAN, Alan, D.**; 4249 McMurray Avenue, Fort Collins, CO 80525 (US).

(74) **LUCENTE, David, K.**; Symbios, Inc., 2001 Danfield Court, Fort Collins, CO 80525 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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); 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 98/21654** (13) A1

(21) PCT/US97/20561

(22) 11 Nov/nov 1997 (11.11.1997)

(25) en (26) en

(31) 60/030,905 (32) 14 Nov/nov 1996 (14.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 11/00, 12/00

(54) LOG BASED DATA ARCHITECTURE FOR A TRANSACTIONAL MESSAGE QUEUING SYSTEM ARCHITECTURE DE DONNEES A JOURNALISATION POUR SYSTEME TRANSACTIONNEL DE GESTION DE FILES D'ATTENTE DE MESSAGES

(71) **MITSUBISHI ELECTRIC INFORMATION TECHNOLOGY CENTER AMERICA, INC.** [US/US]; 201 Broadway, Cambridge, MA 02139 (US).

(72) **WONG, David, W., H.**; 162 Guggins Lane, Boxborough, MA 01719 (US). **SCHWENKE, Derek, L.**; 95 Rice Street, Marlboro, MA 01752 (US).

(74) **TENDLER, Robert, K.**; 65 Atlantic Avenue, Boston, MA 02110 (US).

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

Published / Publiée : (c)

(11) **WO 98/21655** (13) A1

(21) PCT/US97/20980

(22) 13 Nov/nov 1997 (13.11.1997)

(25) en (26) en

(31) 60/030,688 (32) 13 Nov/nov 1996 (13.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 11/00

(54) REAL TIME PROGRAM LANGUAGE ACCELERATOR

ACCELERATEUR DE LANGAGE DE PROGRAMMATION TEMPS REEL

(71) **PARAN, Arik** [US/US]; 866 Helena Drive, Sunnyvale, CA 94087 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **RAZ, Yair** [IL/US]; 1575 Lewiston Drive, Sunnyvale, CA 94087 (US).

(74) **HAMRICK, Claude, A., S. et al.** / etc.; Oppenheimer Wolf & Donnelly LLP, Suite 600, Ten Almaden Boulevard, San Jose, CA 95113 (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 DE DK ES FI FR 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 98/21656** (13) A1

(21) PCT/US97/18523

(22) 8 Oct/oct 1997 (08.10.1997)

(25) en (26) en

(31) 08/749,312 (32) 14 Nov/nov 1996 (14.11.1996) (33) US

(31) 08/815,193 (32) 11 Mar/mar 1997 (11.03.1997) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 11/10, H04N 7/173, G11B 20/18

(54) HIGH PERFORMANCE DATA PATH WITH XOR ON THE FLY CHEMIN DE DONNEES A HAUTES PERFORMANCES AVEC OU EXCLUSIF A LA VOLEE

(71) **DATA GENERAL CORPORATION** [US/US]; 440 Computer Drive, Westborough, MA 01580-0001 (US).

(72) **SOLOMON, Robert, C.**; 111 Cottage Road, Kensington, NH 03827 (US). **BAILEY, Brian, K.**; 465 L #6, Boston Turnpike, Shrewsbury, MA 01545 (US). **YATES, Robert**; 32 McGuire Road, Sutton, MA 01590 (US). **EVERDELL, Peter**; 38 Boxborough Road, Littleton, MA 01460 (US). **REEVES, Elizabeth, H.**; 49 Flanders Road, Westborough, MA 01581 (US).

(74) **SUNSTEIN, Bruce, D. et al.** / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-01618 (US).

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

Published / Publiée : (c)

(11) **WO 98/21657** (13) A1

(21) PCT/US97/18522

(22) 8 Oct/oct 1997 (08.10.1997)

(25) en (26) en

(31) 08/749,311 (32) 14 Nov/nov 1996 (14.11.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 11/20

(54) FAIL-OVER SWITCHING SYSTEM SYSTEME DE COMMUTATION DE SECOURS

(71) **DATA GENERAL CORPORATION** [US/US]; 440 Computer Drive, Westborough, MA 01580-0001 (US).

- (72) **ESPY, James, W.**; 3 Hanson Road, Andover, MA 01810 (US). **BLEIWESS, Scott**; 241 North Street, Upton, MA 01568 (US). **SOLOMON, Robert, C.**; 11 Cottage Road, Kensington, NH 03827 (US). **BAILEY, Brian, K.**; 465 L #16, Boston Turnpike, Shrewsbury, MA 01545 (US). **EVERDELL, Peter**; 38 Boxborough Road, Littleton, MA 01460 (US).
- (74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-01618 (US).
- (81) AU CA IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21658** (13) A1
- (21) PCT/DE97/02155
- (22) **23 Sep/sep 1997 (23.09.1997)**
- (25) de (26) de
- (31) 196 46 155.3 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 11/22
- (54) POSITION INDICATION CONCERNING PERIPHERAL UNITS
INDICATION DE POSITION D'UNITES PERIPHERIQUES
- (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) **DROOP, Jürgen** [DE/DE]; Kronenstrasse 34, D-33330 Gütersloh (DE). **HARASTA, Reinhard** [DE/DE]; Von-Galen-Strasse 8, D-33106 Paderborn (DE).
- (74) **FUCHS, Franz-Josef**; Postfach 22 13 17, D-80503 München (DE).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21659** (13) A1
- (21) PCT/US97/14024
- (22) **8 Aug/Août 1997 (08.08.1997)**
- (25) en (26) en
- (31) 08/748,862 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 12/00, 1/06
- (54) DATA CACHE WITH DATA STORAGE AND TAG LOGIC WITH DIFFERENT CLOCKS
ANTEMEMOIRE AVEC MEMOIRE DE DONNEES ET LOGIQUE D'ETIQUETAGE A FREQUENCES D'HORLOGE DIFFERENTES
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **SAGER, David, J.**; 9540 N.W. Skyview Drive, Portland, OR 97231 (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 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 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 98/21660** (13) A1
- (21) PCT/US97/17432
- (22) **29 Sep/sep 1997 (29.09.1997)**
- (25) en (26) en
- (31) 08/748,884 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
- (31) 08/801,603 (32) **13 Feb/fév 1997 (13.02.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 13/00, 11/20
- (54) DYNAMICALLY UPGRADEABLE DISK ARRAY SYSTEM AND METHOD
SYSTEME DE PILES DE DISQUES DYNAMIQUEMENT EVOLUTIF ET PROCEDE CORRESPONDANT
- (71) **DATA GENERAL CORPORATION** [US/US]; 440 Computer Drive, Westborough, MA 01580-0001 (US).
- (72) **ESPY, James, W.**; 3 Hanson Road, Andover, MA 01810 (US). **BLEIWEISS, Scott, J.**; 241 North Street, Upton, MA 01568 (US). **HAWKINS, Thomas, B.**; 23 Twin Spring Drive, Boylston, MA 01505 (US). **BROWN, Jeffrey, A.**; 1 Howard Street, Brookfield, MA 01506 (US).
- (74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).
- (81) AU CA IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21661** (13) A1
- (21) PCT/US97/20198
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) en (26) en
- (31) 08/749,905 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 13/00
- (54) SYSTEM FOR INTERACTIVELY SELECTING AND ACTIVATING GROUPS OF ELECTRICALLY POWERED DEVICES
SYSTEME DE SELECTION ET D'ACTIVATION INTERACTIVES DE GROUPES DE DISPOSITIFS ELECTRIQUES
- (71, 72) **KAO, Kim, Y.** [US/US]; 19 Toscani, Irvine, CA 92714 (US).
- (72) **HSHAO, Jimmy**; 1010 Belmont, Ann Arbor, MI 48104 (US).
- (74) **SCHAAL, William, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (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 ID IL IS JP KE KG KP KR KZ 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 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 98/21662** (13) A1
- (21) PCT/US97/20232
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) en (26) en
- (31) 60/030,906 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 13/00
- (54) ITINERARY BASED AGENT MOBILITY INCLUDING MOBILITY OF EXECUTABLE CODE
MOBILITE D'UN AGENT EN FONCTION D'UN ITINERAIRE, COMPRENANT LA MOBILITE D'UN CODE EXECUTABLE
- (71) **MITSUBISHI ELECTRIC INFORMATION TECHNOLOGY CENTER AMERICA, INC.** [US/US]; 201 Broadway, Cambridge, MA 02139 (US).
- (72) **WALSH, Thomas, C.**; 47 Tileston Street #2, Boston, MA 02113 (US).
- (74) **TENDLER, Robert, K.**; 65 Atlantic Avenue, Boston, MA 02110 (US).
- (81) AU CA CN IL JP KR MX NO NZ SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21663** (13) A1
- (21) PCT/US97/19771
- (22) **24 Oct/oct 1997 (24.10.1997)**
- (25) en (26) en
- (31) 08/749,094 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 13/40, H05K 7/14
- (54) HIGH SPEED SWITCH PACKAGE
BOITIER DE COMMUTATEURS HAUTE VITESSE
- (71) **SYSTRAN CORPORATION** [US/US]; 4126 Linden Avenue, Dayton, OH 45432-3068 (US).
- (72) **WRONSKI, Leszek, Dariusz**; Apartment 12, 4984 Woodman Park Drive, Dayton, OH 45432 (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 CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/21664** (13) A1
(21) PCT/US97/20772
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,091 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F 15/00, 15/16, 15/17
(54) COMPUTER NETWORK CHAT ROOM BASED ON CHANNEL BROADCAST IN REAL TIME CHAMBRE DE CONVERSATION DE RESEAU INFORMATIQUE UTILISANT DES PROGRAMMES RADIO OU TELEVISION EN TEMPS REEL
(71) **INTERACTIVE BROADCASTER SERVICES CORPORATION** [US/US]; Suite 300B, 7946 Ivanhoe Avenue, La Jolla, CA 92037 (US).
- (72) **MONCREIFF, Craig, T.**; 3916 Riviera Drive #601, San Diego, CA 92109 (US).
(74) **ROGITZ, John, L.**; Rogitz & Associates, Suite 3120, 750 B 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 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).
- Published / Publiée : (c)
- (11) **WO 98/21665** (13) A1
(21) PCT/MX97/00034
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) es (26) es
(31) 965558 (32) **12 Nov/nov 1996 (12.11.1996)** (33) MX
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F 15/02
(54) ELECTRONIC BOOK LIVRE ELECTRONIQUE
(71, 72) **LANDETTA CHOMBO, Carlos** [MX/MX]; Boulevard B. Quintana 5410, Residencial Viveros D-8, Querétaro, Querétaro 76150 (MX).
(74) **ROMERO, José, A.** et al. / etc.; Becerril, Coca & Becerril, S.C., Thiers 251, Pisos 10 a 14, Col. Anzures, México, D.F. 11590 (MX).
(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).
- Published / Publiée : (c)
- (11) **WO 98/21666** (13) A1
(21) PCT/US97/20633
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 08/748,664 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F 15/16, H04L 12/00
(54) URL LOGIN CONNEXION PAR LOCALISATEUR URL
(71) **TRITEAL CORPORATION** [US/US]; 2011 Palomar Airport Road, Carlsbad, CA 92009 (US).
(72) **BEER, John, C.**; 5022 Milissi Way, Oceanside, CA 92056 (US). **KRAFT, Timothy, T.**; 143 Sherry Lane, Del Mar, CA 92014 (US). **BEAL, Steven, K.**; 142 W. Jason Street, Encinitas, CA 92024 (US). **WILSON, Steven, C.**; 6541 Paseo Adelante, Carlsbad, CA 92009 (US).
(74) **LAND, John**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).
(81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (11) **WO 98/21667** (13) A1
(21) PCT/US97/20287
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 60/030,584 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(31) 08/868,200 (32) **3 Jun/juin 1997 (03.06.1997)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F 15/20
(54) SYSTEM AND METHOD FOR TRADING HAVING A PRINCIPAL MARKET MAKER SYSTEME ET PROCEDE D'EXECUTION DE TRANSACTIONS UTILISANT UN MAINTENEUR DE MARCHÉ PRINCIPAL
(71, 72) **GARBER, Howard, B.** [US/US]; 2305 N. Commonwealth Avenue, Chicago, IL 60614 (US).
(74) **RETSKY, Jonathan, E.**; Brinks Hofer Gilson & Lione, NBC Tower - Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611-5599 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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).
- Published / Publiée : (c)
- (11) **WO 98/21668** (13) A1
(21) PCT/US97/19979
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 08/749,165 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F 17/00
(54) WEB-BASED NETWORK MANAGEMENT SYSTEM SYSTEME DE GESTION DE RESEAUX DU TYPE WEB
(71) **ASANTÉ TECHNOLOGIES, INC.** [US/US]; 821 Fox Lane, San Jose, CA 95131 (US).
(72) **SCHWEM, Kurt**; 40925 Abuelo Way, Fremont, CA 94539 (US).
(74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
(81) AU CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/21669** (13) A1
(21) PCT/US97/20737
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,140 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F 17/24
(54) SYSTEM AND METHOD FOR REMOTELY GROUPING CONTENTS OF AN ACTION HISTORY STACK SYSTEME ET PROCEDE DE GROUPEMENT A DISTANCE DU CONTENU D'UNE PILE HISTORIQUE D' ACTIONS
(71) **LERNOUT & HAUSPIE SPEECH PRODUCTS N.V.** [BE/BE]; Sint-Krispijnstaat 7, B-8900 Leper (BE).
(71, 72) **SELESKY, Donald, Bryant** [US/US]; 15 Bradley Lane, Westford, MA 01886 (US).
(72) **ARMSTRONG, John**; 36 Orchard Street, Cambridge, MA 02140 (US).
(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).
(81) AU CA CN JP KR SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/21670** (13) A1
(21) PCT/US97/16458
(22) **16 Sep/sep 1997 (16.09.1997)**
(25) en (26) en
(31) 08/746,782 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06F 17/30
(54) METHOD FOR ACCESSING INFORMATION ON A HOST COMPUTER FROM A CLIENT COMPUTER PROCEDE PERMETTANT D'ACCEDER AUX INFORMATIONS D'UN ORDINATEUR HOTE A PARTIR D'UN ORDINATEUR CLIENT
(71) **WALL DATA INCORPORATED** [US/US]; 11332 N.E. 122nd Way, Kirkland, WA 98034-6931 (US).
(72) **BRIM, David, Neal**; 9509 Stein Road, Custer, WA 98240 (US). **HAMMACK, Patrick, James**; 912 East Pacific View Drive, Bellingham, WA 98226 (US). **HAVEN, Christine, Anne**; 810 Newell Street, Bellingham, WA 98225 (US). **RIELLEY, Steven, Patrick**; Unit 202, 2227 Valencia, Bellingham, WA 98226 (US).
(74) **MAGER, Gary, N.**; Christensen O'Connor Johnson & Kindness, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101-2347 (US).

(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 98/21671** (13) A1

(21) PCT/US97/20393

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/747,793 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 17/30

(54) DISTRIBUTED DOCUMENT PROCESSING THROUGH AN OBJECT REQUEST BROKER AND A RECEPTIONIST OBJECT SYSTEME REPARTI DE TRAITEMENT DE DOCUMENTS UTILISANT UN INTERMEDIAIRE DE GESTION DES DEMANDES OBJET ET UN OBJET RECEPTIONNAIRE

(71) **TRITEAL CORPORATION** [US/US]; 2011 Palomar Airport Road, Carlsbad, CA 92009 (US).

(72) **KRAFT, Timothy, T.**; 143 Sherry Lane, Del Mar, CA 92014 (US).

(74) **LAND, John**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

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

Published / Publiée : (c)

(11) **WO 98/21672** (13) A2

(21) PCT/US97/20822

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,994 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 60/030,996 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 60/038,411 (32) **18 Feb/fév 1997 (18.02.1997)** (33) US

(31) 60/055,782 (32) **15 Aug/Août 1997 (15.08.1997)** (33) US

(31) 60/057,256 (32) **29 Aug/Août 1997 (29.08.1997)** (33) US

(31) 60/060,612 (32) **1 Oct/oct 1997 (01.10.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 17/30

(54) REMOTE COMMUNICATION, INFORMATION MANAGEMENT, AND HOME PAGE AUTHORIZING SYSTEM SYSTEME DE COMMUNICATION A DISTANCE DE GESTION D'INFORMATIONS ET DE CONCEPTION DE PAGES D'ACCUEIL

(71) **INERGY ONLINE, INC.** [US/US]; Suite 1, 3 Regency Plaza, Providence, RI 02903 (US).

(72) **BELANGER, Charles, E.**; 345 Boston Road, Billerica, MA 01821 (US). **WOODLEE, Jason**; 155 Rutgers Lane, Parsippany, NJ 07054 (US).

(74) **BLODGETT-FORD, Sayoko, J.** et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21673** (13) A1

(21) PCT/US97/15367

(22) **28 Aug/Août 1997 (28.08.1997)**

(25) en (26) en

(31) 08/746,656 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 17/50

(54) PROGRAMMABLE LOGIC DEVICE PLACEMENT METHOD UTILIZING WEIGHTING FUNCTION TO FACILITATE PIN LOCKING PROCEDE DE PLACEMENT DE DISPOSITIF LOGIQUE PROGRAMMABLE FAISANT APPEL A UNE FONCTION DE PONDERATION POUR FACILITER LE VERROUILLAGE DE BROCHES

(71) **XILINX, INC.** [US/US]; 2100 Logic Drive, San Jose, CA 95124 (US).

(72) **SILVER, Joshua, M.**; 1231 Vicente Drive #41, Sunnyvale, CA 94086 (US). **HARRISON, David, A.**; 1020 November Drive, Cupertino, CA 95014 (US). **XUE, Hua**; 626 Carlisle Way, Sunnyvale, CA 94087 (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).

Published / Publiée : (a)

(11) **WO 98/21674** (13) A1

(21) PCT/AU97/00777

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) PO 7473 (32) **12 Nov/nov 1996 (12.11.1996)** (33) AU

(31) PO 7195 (32) **5 Jun/juin 1997 (05.06.1997)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 17/60 // 157:00

(54) REMOTE CONTROL OF MICROPROCESSOR DEVICE TRANSACTIONS PROCESSING COMMANDE A DISTANCE POUR LE TRAITEMENT DES TRANSACTIONS EFFECTUEES PAR UN DISPOSITIF A MICROPROCESSEUR

(71, 72) **OGILVY, Ian, Charles** [AU/AU]; Cardsoft, Level 3, 39 East Esplanade, Manly, NSW 2095 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21675** (13) A1

(21) PCT/EP97/06126

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 1004512 (32) **13 Nov/nov 1996 (13.11.1996)** (33) NL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 17/60

(54) METHOD AND SYSTEM FOR GENERATING AND TRANSFERRING INFORMATION CARRIERS PROCEDE ET SYSTEME POUR GENERER ET TRANSFERER DES SUPPORTS D'INFORMATION

(71) **KONINKLIJKE PTT NEDERLAND N.V.** [NL/NL]; 7 Stationsplein, NL-9726 AE Groningen (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE HEER, Adriana, Johanna** [NL/NL]; Kralsingweg 19b, NL-3062 HB Rotterdam (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 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 98/21676** (13) A1

(21) PCT/FI97/00685

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) fi (26) en

(31) 964524 (32) **11 Nov/nov 1996 (11.11.1996)** (33) FI

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06F 17/60

(54) IMPLEMENTATION OF CHARGING IN A TELECOMMUNICATIONS SYSTEM MISE EN OEUVRE DE LA TAXATION DANS UN SYSTEME DE TELECOMMUNICATION

(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) **GINZBOORG, Philip** [IL/FI]; Koillisväylä 17 B 15, FIN-00200 Helsinki (FI). **EKBERG, Jan-Erik** [FI/FI]; Seljatie 1 A 5, FIN-00320 Helsinki (FI). **YLÄ-JÄÄSKI, Antti** [FI/FI]; Vehkamäki 11 C 6, FIN-02180 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21677** (13) A1

(21) PCT/JP97/04161

- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) ja (26) ja
- (31) 8/316897 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP
- (31) 9/117681 (32) **22 Apr/avr 1997 (22.04.1997)** (33) JP
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 17/60
- (54) PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT APPARATUS
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET APPAREIL PERMETTANT DE GERER CE SYSTEME
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAYAMA, Hisashi** [JP/JP]; 21-22, Matsubara 4-chome, Setagaya-ku, Tokyo 156 (JP).
- (74) **NIHEI, Masayuki**; Izumi Building, 4-1, Shiba-Daimon 2-chome, Minato-ku, Tokyo 105 (JP).
- (81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21678** (13) A1
- (21) PCT/US97/17725
- (22) **12 Nov/nov 1997 (12.11.1997)**
- (25) en (26) en
- (31) 08/748,243 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 17/60
- (54) SHIPMENT TRANSACTION SYSTEM AND AN ARRANGEMENT THEREOF
SYSTEME DE TRANSACTION D'EXPEDITION ET SA CONFIGURATION
- (71) **FBS CARD SERVICES, INC.** [US/US]; 1200 Energy Park Drive, St. Paul, MN 55108-5101 (US).
- (72) **HAHN-CARLSON, Dean, W.**; 1423 Highland Parkway, St. Paul, MN 55116 (US).
- (74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 SZ UG UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (11) **WO 98/21679** (13) A1
- (21) PCT/US97/20624
- (22) **13 Nov/nov 1997 (13.11.1997)**
- (25) en (26) en
- (31) 08/748,688 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 17/60
- (54) SYSTEM AND METHOD FOR CONDUCTING COMMERCE OVER A DISTRIBUTED NETWORK
SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER DES OPERATIONS COMMERCIALES DANS UN RESEAU REPARTI
- (71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).
- (72) **FRANKLIN, D., Chase**; 159 Ward Street, Seattle, WA 98109 (US). **REMINGTON, Darren, B.**; 3508 262nd Avenue S.E., Issaquah, WA 98029 (US). **SALIBA, Bassam**; 13411 N.E. 137th Place, Kirkland, WA 98034 (US). **SPEELPENNING, Bert**; 12908 N.E. 111th Place, Kirkland, WA 98033 (US). **COCKRILL, Michael**; 4356 W. Lake Sammamish Parkway S.E. #141, Issaquah, WA 98027 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21680** (13) A1
- (21) PCT/US97/20754
- (22) **13 Nov/nov 1997 (13.11.1997)**
- (25) en (26) en
- (31) 08/749,241 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 17/60
- (54) SYSTEM AND METHOD FOR GENERATING AND EXECUTING INSURANCE POLICIES FOR FOREIGN EXCHANGE LOSSES
SYSTEME ET PROCEDE POUR GENERER ET EXECUTER UNE POLICE D'ASSURANCE CONTRE LES PERTES DE CHANGE
- (71) **WALKER ASSET MANAGEMENT, L.P.** [US/US]; Five High Ridge Park, Stamford, CT 06905-1326 (US).
- (72) **WALKER, Jay, S.**; 124 Spectacle Lane, Ridgefield, CT 06877 (US). **JORASCH, James, A.**; Apartment 5G, 25 Forest Street, Stamford, CT 06901 (US).
- (74) **HUGHES, Christopher, A.**; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (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 LR LS LT LU LV MD MG MK MN MW MX 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21681** (13) A1
- (21) PCT/IT96/00208
- (22) **11 Nov/nov 1996 (11.11.1996)**
- (25) en (26) en
- (31) 08/748,688 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 17/60
- (54) SYSTEM AND METHOD FOR CONDUCTING COMMERCE OVER A DISTRIBUTED NETWORK
SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER DES OPERATIONS COMMERCIALES DANS UN RESEAU REPARTI
- (71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).
- (72) **FRANKLIN, D., Chase**; 159 Ward Street, Seattle, WA 98109 (US). **REMINGTON, Darren, B.**; 3508 262nd Avenue S.E., Issaquah, WA 98029 (US). **SALIBA, Bassam**; 13411 N.E. 137th Place, Kirkland, WA 98034 (US). **SPEELPENNING, Bert**; 12908 N.E. 111th Place, Kirkland, WA 98033 (US). **COCKRILL, Michael**; 4356 W. Lake Sammamish Parkway S.E. #141, Issaquah, WA 98027 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21682** (13) A1
- (21) PCT/NL97/00599
- (22) **3 Nov/nov 1997 (03.11.1997)**
- (25) en (26) en
- (31) 1004491 (32) **11 Nov/nov 1996 (11.11.1996)** (33) NL
- (31) 1004648 (32) **29 Nov/nov 1996 (29.11.1996)** (33) NL
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06F 19/00, 161/00
- (54) COMPUTERISED GAMING SYSTEM
SYSTEME DE JEU INFORMATIQUE
- (71, 72) **SCHAALJ, Johan, Michiel** [NL/NL]; Zesstedenweg 206, NL-1613 KE Grotebroek (NL).
- (74) **MERTENS, H., V.**; Van Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 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 98/21683** (13) A2
- (21) PCT/IB97/01626
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) en (26) en
- (31) 60/030,639 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
- (31) Not furnished / non communiqué (32) **6 Nov/nov 1997 (06.11.1997)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ G06K
- (54) SYSTEM AND METHOD FOR PROTECTING A COMPUTER AND A NETWORK FROM HOSTILE DOWNLOADABLES
SYSTEME ET PROCEDE POUR PROTEGER UN ORDINATEUR ET UN RESEAU CONTRE DES PROGRAMMES D'APPLICATION TELECHARGEABLES HOSTILES
- (71) **FINJAN SOFTWARE, LTD.** [IL/IL]; 42945 Kefar-Haim (IL).

- (72) **TOUBOUL, Shlomo**; 42945 Kefar-Haim (IL).
- (81) CA IL JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21684** (13) A2
(21) PCT/US97/18462
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) en (26) en
(31) 08/746,547 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06K
(54) PROCESSOR HAVING REPLAY ARCHITECTURE
PROCESSEUR A ARCHITECTURE DE RE-
PRISE
(71) **INTEL CORPORATION** [US/US]; 2200 Mission
College Boulevard, Santa Clara, CA 95052 (US).
(72) **SAGER, David, J.**; 9540 N.W. Skyview Drive,
Portland, OR 97231 (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 HU ID IL IS JP KE
KG KP KR KZ 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
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 98/21685** (13) A2
(21) PCT/DE97/01565
(22) **24 Jul/juil 1997 (24.07.1997)**
(25) de (26) de
(31) 196 46 153.7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06K 7/00
(54) SHOPPING BASKET SCANNER
ANALYSEUR DE CORBEILLE D'ACHAT
(71) **SIEMENS NIXDORF INFORMATIONSSYS-
TEME 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) **GLASCHICK, Rainer** [DE/DE]; Mentrops-
trasse 84, D-33106 Paderborn (DE). **BURCHART,
Joachim** [DE/DE]; Am Fichtenhain 14, D-33189
Schlangen (DE). **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).
-
- (11) **WO 98/21686** (13) A1
(21) PCT/CH97/00427
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) fr (26) fr
(31) 2801/96 (32) **13 Nov/nov 1996 (13.11.1996)** (33) CH
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06K 7/10, 19/077
(54) ELECTROOPTIC TRANSMISSION SYSTEM
ASSOCIATED WITH A SMART CARD
SYSTEME DE TRANSMISSION ELECTRO-
OPTIQUE ASSOCIE A UNE CARTE A PUCE
(71) **NJC INNOVATIONS** [CH/CH]; Route de Mouthe,
CH-1343 Les Charbonnières (CH).
*(for all designated States except / pour tous les États
désignés sauf US)*
(72, 75) **BERNEY, Jean-Claude** [CH/CH]; Route de
Mouthe, CH-1343 Les Charbonnières (CH).
(74) **FREI PATENTANWALTSBURO**; P.O. Box 768,
CH-8029 Zurich (CH).
(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/21687** (13) A1
(21) PCT/US97/20432
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) en (26) en
(31) 08/748,040 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06K 9/00
(54) METHOD AND SYSTEM FOR IMAGING AN
OBJECT OR PATTERN
PROCEDE ET SYSTEME D'IMAGERIE D'UN
OBJET OU D'UN MOTIF
(71) **ROBOTIC VISION SYSTEMS, INC.** [US/US];
423 Rabro Drive East, Hauppauge, NY 11788 (US).
(72) **STERN, Howard**; 89 Derby Avenue, Greenlawn,
NY 11740 (US). **MAALL, Fereydoun**; Apartment
1L, 200 East End Avenue, New York, NY 10128
(US).
(74) **HANDLER, Edward, J., III** 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 HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX 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).
Published / Publiée : (c)
-
- (11) **WO 98/21688** (13) A1
(21) PCT/US97/20652
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 60/031,003 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06K 9/32, 9/36
(54) MULTI-VIEW IMAGE REGISTRATION WITH
APPLICATION TO MOSAICING AND LENS
DISTORTION CORRECTION
ALIGNEMENT D'IMAGES A PARTIR DE VUES
MULTIPLLES AVEC APPLICATION AU MOSAI-
QUAGE ET A LA CORRECTION DE DISTOR-
SIONS DE LENTILLES
-
- (51)⁶ G06K 9/00, G06F 17/30
(54) METHOD AND APPARATUS FOR EFFI-
CIENTLY REPRESENTING, STORING AND
ACCESSING VIDEO INFORMATION
PROCEDE ET APPAREIL PERMETTANT DE
REPRESENTER, DE METTRE EN MEMOIRE
ET D'ACCEDER DE MANIERE EFFICACE A
DES INFORMATIONS VIDEO
(71) **SARNOFF CORPORATION** [US/US];
CN-5300, 201 Washington, Princeton, NJ
08543-5300 (US).
(72) **BERGEN, James, R.**; 57 E. Prospect Street,
Hopewell, NJ 08525 (US). **CARLSON, Curt**; 17
James Court, Princeton, NJ 08540 (US). **KUMAR,
Rakesh**; 64 Woodland Way, Dayton, NJ 08810
(US). **SAWHNEY, Harpreet, S.**; 1808 Aspen
Drive, Plainsboro, NJ 08536 (US).
(74) **BURKE, William, J.**; Sarnoff Corporation,
CN-5300, 201 Washington Road, Princeton, NJ
08543-5300 (US).
(81) BR CA CN JP KR MX; EP (AT BE CH DE DK
ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/21689** (13) A1
(21) PCT/DE97/02526
(22) **30 Oct/oct 1997 (30.10.1997)**
(25) de (26) de
(31) 196 46 522.2 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ G06K 9/32, B07C 3/10
(54) METHOD AND DEVICE FOR RECOGNIZING
DISTRIBUTION DATA ON POSTAL PACKETS
PROCEDE ET SYSTEME DE RECONNAIS-
SANCE DE L'INFORMATION DE DISTRIBU-
TION FIGURANT SUR LES ENVOIS
(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) **SEIDEL, Gert** [DE/DE]; Breitenriedstrasse 14,
D-78465 Konstanz (DE). **KEIL, Göran** [DE/DE];
Bornaer Strasse 12b, D-12355 Berlin (DE).
(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).
Published / Publiée : (c)
-
- (11) **WO 98/21690** (13) A1
(21) PCT/US97/20762
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 60/030,892 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
(31) Not furnished / (32) **10 Nov/nov 1997 (10.11.1997)** (33) US
non communiqué
(43) 22 May/mai 1998 (22.05.1998)

(71) **SARNOFF CORPORATION** [US/US]; CN 5300, 201 Washington Road, Princeton, NJ 08540 (US).

(72) **KUMAR, Rakesh**; 966 Ridge Road, Monmouth Junction, NJ 08852 (US). **SAWHNEY, Harpreet, Singh**; 17 Melville Road, Cranbury, NJ 08512 (US). **BERGEN, James, Russell**; 57 E. Prospect Street, Hopewell, NJ 08525 (US).

(74) **SILVERIO, John, V.** et al. / etc.; Sarnoff Corporation, CN 5300, 201 Washington Road, Princeton, NJ 08540 (US).

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

Published / Publiée : (c)

(11) **WO 98/21691** (13) A1

(21) PCT/JP97/04123

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/301539 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(31) 8/301540 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06K 17/00, 19/07, H04B 5/00, 7/26, B65G 47/49, 43/08

(54) MOVING OBJECT IDENTIFICATION METHOD AND APPARATUS
PROCEDE ET DISPOSITIF D'IDENTIFICATION D'OBJETS MOBILES

(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) **ISHIFUJI, Tomoaki** [JP/JP]; 27-20-401, Zempukuji 1-chome, Suginami-ku, Tokyo 167 (JP). **NISHINO, Toshikazu** [JP/JP]; 1618, Kizuki, Nakahara-ku, Kawasaki-shi, Kanagawa 211-70 (JP). **SAITOH, Takeshi** [JP/JP]; 25-25, Asagayaminami 1-chome, Suginami-ku, Tokyo 166 (JP). **SHIDA, Masaaki** [JP/JP]; Hitachi Koyasudai Apato D305, 32, Koyasumachi 2-chome, Hachioji-shi, Tokyo 192 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) **WO 98/21692** (13) A1

(21) PCT/US97/20677

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/747,869 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06K 17/00, G07F 7/08

(54) REFUNDABLE TRAVELLERS CHEQUES
CHEQUES DE VOYAGE REMBOURSABLES

(71) **AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC.** [US/US]; American Express Tower, World Financial Center, New York, NY 10285 (US).

(72) **TASKETT, John, M.**; 2673 East Coquina Court, Salt Lake City, UT 84121 (US).

(74) **SOBELMAN, Howard, I.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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).

Published / Publiée : (c)

(11) **WO 98/21693** (13) A1

(21) PCT/US97/19312

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/746,793 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06K 19/077

(54) ELECTROSTATIC DISCHARGE PROTECTION FOR DIGITAL MEDIA
PROTECTION CONTRE LES DECHARGES ELECTROSTATIQUES POUR SUPPORTS NUMERIQUES

(71) **INTEGRATED SILICON SOLUTION, INC.** [US/US]; 2231 Lawson Lane, Santa Clara, CA 95054 (US).

(72) **JIGOUR, Robin, J.**; 1435 Ranch Court, San Jose, CA 95132 (US). **WONG, David, K.**; 1166 Happy Valley Avenue, San Jose, CA 95129 (US).

(74) **MacPHERSON, Alan, H.**; Skjervan, 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 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).

Published / Publiée : (c)

(11) **WO 98/21694** (13) A1

(21) PCT/JP97/04065

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 60/029,726 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US

(31) 60/032,515 (32) **20 Dec/déc 1996 (20.12.1996)** (33) US

(31) 08/856,387 (32) **14 May/mai 1997 (14.05.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06T 3/40

(54) METHOD OF GENERALIZED CONTENT-SCALABLE SHAPE REPRESENTATION AND CODING
PROCEDE DE REPRESENTATION ET DE CODAGE GENERALISES D'UNE FORME ECHELONNABLE PAR SON CONTENU

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaiké-cho, Abeno-ku, Osaka-shi, Osaka 545 (JP).

(72) **QIAN, Richard, Jungiang**; Apartment 152, 501 S.E. 123rd., Vancouver, WA 98683 (US). **SEZAN, Muhammed, Ibrahim**; 2213 N.W. Hood Drive, Camas, WA 98607 (US).

(74) **TAKANO, Akichika** et al. / etc.; Salute Building, 9th floor, 72, Yoshida-cho, Naka-ku, Yokohama-shi, Kanagawa 231 (JP).

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

Published / Publiée : (c)

(11) **WO 98/21695** (13) A1

(21) PCT/US97/20733

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,351 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G06T 17/40, A45D 44/00

(54) IMAGING SYSTEM FOR SIMULATING HAIR STYLES
SYSTEME D'IMAGERIE POUR SIMULER DES COIFFURES

(71) **MIRROR SOFTWARE CORPORATION** [US/US]; 12530 - 128th Lane N.E., Kirkland, WA 98034 (US).

(72) **BLANCHARD, Perin**; 22519 N.E. 165th Court, Woodinville, WA 98072 (US). **VELLA, Shon**; 23530 - 53rd Avenue S.E., Bothell, WA 98021 (US). **LINFORD, Ray, A.**; 14128 - 126th Place N.E., Kirkland, WA 98034 (US).

(74) **TULLETT, Rodney, C.**; 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 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).

Published / Publiée : (b)

(11) **WO 98/21696** (13) A2

(21) PCT/RO97/00005

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 96-02152 (32) **14 Nov/nov 1996 (14.11.1996)** (33) RO

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G07B

(54) METHOD OF PERFORMANCE, EVALUATION AND PAYMENT OF THE ADVERTISEMENT IN THE COMMERCIAL TECHNIQUE AND APPARATUS
PROCEDE D'EVALUATION DES PERFORMANCES D'UNE PUBLICITE COMMERCIALE, DE RETRIBUTION DES RESULTATS ET DISPOSITIF ASSOCIE

(71, 72) **TRIFANESCU, Florin, Emil** [RO/RO]; Sos. Mihai Bravu 301-18, et. 7, ap. 45, R-74362 Bucuresti 3 (RO).

(74) **S.C. ROMINVENT S.A.**; Bd. N. Balcescu 22, R-701221 Bucuresti 1 (RO).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL JP KR LT LV MK MX NO NZ PL SG SI SK TR UA 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 98/21697** (13) A2

(21) PCT/US97/21790

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,260 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G07D

(54) UNIVERSAL BANK NOTE DENOMINATOR AND VALIDATOR
DISPOSITIF UNIVERSEL D'ATTRIBUTION DE VALEUR NOMINALE A DES BILLETS DE BANQUES ET DE VALIDATION DESDITS BILLETS

(71) **INTERBOLD** [US/US]; 5995 Mayfair Road, North Canton, OH 44720 (US).

(72) **LASKOWSKI, Edward, L.**; 6154 Winchester Drive, Seven Hills, OH 44131 (US).

(74) **JOCKE, Ralph, E.**; 231 South Broadway, Medina, OH 44256 (US).

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

(11) **WO 98/21698** (13) A1

(21) PCT/EP97/06246

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 46 454.4 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G07D 7/00

(54) METHOD FOR PROCESSING LEAF ITEMS, SPECIALLY BANK NOTES
PROCEDE POUR LE TRAITEMENT DE PRODUITS EN FEUILLES, PAR EXEMPLE DE BILLETS DE BANQUE

(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) **BERZ, Gregor** [DE/DE]; Seeweg-Süd 19, D-86911 Dießen (DE).

(74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, D-80797 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/21699** (13) A1

(21) PCT/US97/13132

(22) **25 Jul/juil 1997 (25.07.1997)**

(25) en (26) en

(31) 08/747,912 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G08B 3/00

(54) ELECTRONIC DOOR CHIME
CARILLON ELECTRONIQUE POUR PORTE

(71, 72) **CHOMET, Marc** [US/US]; 62 Knollwood Road, Huntington, NY 11743-1551 (US).

(74) **GERBER, Eliot, S.**; Wyatt, Gerber, Meller & O'Rourke, 6th floor, 99 Park Avenue, New York, NY 10016 (US).

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

(11) **WO 98/21700** (13) A1

(21) PCT/US97/16374

(22) **12 Sep/sep 1997 (12.09.1997)**

(25) en (26) en

(31) 08/745,829 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G08B 13/187

(54) METHOD AND APPARATUS FOR ACTIVATING MAGNETOMECHANICAL EAS MARKERS WHILE PREVENTING FORMATION OF DEMAGNETIZATION FIELD
PROCEDE ET APPAREIL SERVANT A ACTIVER DES MARQUEURS MAGNETOMECANQUES D'UN SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES, TOUT EN EMPECHANT LA FORMATION DE CHAMP DE DEMAGNETISATION

(71) **SENSORMATIC ELECTRONICS CORPORATION** [US/US]; 951 Yamato Road, Boca Raton, FL 33431-0700 (US).

(72) **COPELAND, Richard, L.**; 20777 Ramita Trail, Boca Raton, FL 33433 (US). **LIAN, Ming, R.**; 22252 Collington Drive, Boca Raton, FL 33428 (US).

(74) **TORRENTE, John, J.**; Robin, Blecker, Daley & Driscoll, 330 Madison Avenue, New York, NY 10017 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/21701** (13) A1

(21) PCT/US97/20413

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/030,988 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 08/845,866 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G08B 29/06, G01R 31/11

(54) BALANCED TYPE MAGNETICALLY ACTUATED PROXIMITY SWITCH AND RADIO FREQUENCY MONITORING SYSTEM
CONTACTEUR DE PROXIMITE A ACTIONNEMENT MAGNETIQUE DU TYPE EQUILIBRE ET SYSTEME DE CONTROLE DES RADIO-FREQUENCES

(71, 72) **JACKSON, John, T., Jr** [US/US]; Suite 745, 316 California Avenue, Reno, NV 89509 (US).

(74) **LINDEMAN, Jeffrey, A.** et al. / etc.; Morgan, Lewis & Bockius, 1800 M Street, N.W., Washington, DC 20036 (US).

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

Published / Publiée : (c)

(11) **WO 98/21702** (13) A1

(21) PCT/US97/12337

(22) **15 Jul/juil 1997 (15.07.1997)**

(25) en (26) en

(31) 08/751,182 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G08C 21/00, G09G 3/02

(54) ELECTRONIC DEVICE EMPLOYING A TOUCH SENSITIVE TRANSDUCER
DISPOSITIF ELECTRONIQUE UTILISANT UN TRANSDUCTEUR A EFFLEUREMENT

(71) **SYNAPTICS INCORPORATED** [US/US]; 2698 Orchard Parkway, San Jose, CA 95134 (US).

(72) **FAGGIN, Federico**; 27910 Roble Blanco, Los Altos Hills, CA 94022 (US). **SEELY, Joel, A.**; 332 Montecito Way, Milpitas, CA 95035 (US). **ALLEN, Timothy, P.**; 16100 Soda Springs Road, Los Gatos, CA 95030 (US).

(74) **WITTENBERG, Malcolm, B.** et al. / etc.; Crosby, Heafey, Roach & May, 1999 Harrison Street, Oakland, CA 94612 (US).

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

(11) **WO 98/21703** (13) A1

(21) PCT/DE97/02651

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) de (26) de

(31) 196 46 954.6 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G08G 1/127

(54) PROCESS AND DEVICE FOR CONTROLLING A FLEET OF LAND OR WATER VEHICLES
PROCEDE ET DISPOSITIF POUR PILOTER UN PARC DE VEHICULES ROUTIERS ET/OU UNE FLOTTE DE BATEAUX

(71) **DETEMOBIL DEUTSCHE TELEKOM MOBILNET GMBH** [DE/DE]; Landgrabenweg 151, D-53227 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARTH, Rolf-Edgar** [DE/DE]; Am Schloßberg 22, D-55758 Bätenbach (DE). **PERTZ, Uwe** [DE/DE]; Breslauerstrasse 18, D-50126 Bergheim (DE). **REINIS, Mathias** [DE/DE]; Europaring 36c, 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 HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

Published / Publiée : (c)

(11) **WO 98/21704** (13) A1

(21) PCT/US97/20637

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 60/030,991 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G08G 1/16, G01S 13/93, 7/295

(54) DETECTION SYSTEM WITH IMPROVED NOISE TOLERANCE
SYSTEME DE DETECTION PRESENTANT UNE TOLERANCE AU BRUIT AMELIOREE

(71) **AUTO-SENSE LTD.** [US/US]; 10488 West 6th Avenue, Lakewood, CO 80228 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JUDS, Scott** [US/US]; 11536 Riviera Place, N.E., Seattle, WA 98125 (US).

(74) **GREENLEE, David, A.**; P.O. Box 340557, Columbus, OH 43235 (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 98/21705** (13) A1

(21) PCT/US97/20581

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623516.3 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G09F 7/00, 7/18

(54) REPLACEMENT SIGN SYSTEM
SYSTEME DE REMPLACEMENT DE PANNEAU DE SIGNALISATION

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

(72) **OLSEN, Ulf, Normann**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

Published / Publiée : (c)

(11) **WO 98/21706** (13) A1

(21) PCT/KR97/00112

(22) **13 Jun/juin 1997 (13.06.1997)**

(25) en (26) en

(31) 1996/52996 (32) **8 Nov/nov 1996 (08.11.1996)** (33) KR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G09G 3/28

(54) DISCHARGE DEVICE DRIVING METHOD
PROCEDE SERVANT A COMMANDER UN DISPOSITIF DE DECHARGE

(71) **SAMSUNG DISPLAY DEVICES CO., LTD.** [KR/KR]; 575, Shin-dong, Paldal-gu, Suwon-city, Kyungki-do 442-390 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIKOSHIBA, Shigeo** [JP/JP]; 2-43-17, Izumi, Suginamiku, Tokyo 168 (JP). **RYEOM, Jeong, Duk** [KR/KR]; 1-1401 Munraegongwon Hanshin Apt., 77-2, Munrae-dong 3-ga, Youngdeungpo-gu, Seoul 150-093 (KR).

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

(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 KZ 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 98/21707** (13) A1

(21) PCT/JP97/04092

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) ja (26) ja

(31) 8/296546 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G09G 3/36

(54) DRIVER OF LIQUID CRYSTAL PANEL, LIQUID CRYSTAL DEVICE AND ELECTRONIC APPARATUS
UNITE DE COMMANDE POUR PANNEAU A CRISTAUX LIQUIDES, DISPOSITIF A CRISTAUX LIQUIDES ET APPAREIL ELECTRONIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHII, Kenya** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).

(81) CN JP KR US.

(11) **WO 98/21708** (13) A1

(21) PCT/JP97/00238

(22) **31 Jan/jan 1997 (31.01.1997)**

(25) ja (26) ja

(31) 8/303307 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G09G 5/00, H04N 7/16

(54) INFORMATION PRESENTING SYSTEM AND RECORDING MEDIUM
SYSTEME PRESENTANT DES INFORMATIONS ET SUPPORT D'ENREGISTREMENT

(71) **MAC RESEARCH CORPORATION** [JP/JP]; 44, Tansucho, Shinjuku-ku, Tokyo 162 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAI, Michio** [JP/JP]; Mac Research Corporation, 44, Tansucho, Shinjuku-ku, Tokyo 162 (JP). **KUNIKYO, Tomoo** [JP/JP]; Mac Research Corporation, 44, Tansucho, Shinjuku-ku, Tokyo 162 (JP). **SAEKI, Tomoko** [-JP/JP]; Mac Research Corporation, 44, Tansucho, Shinjuku-ku, Tokyo 162 (JP).

(74) **SUZUKI, Seigoh**; Shiba NK Building, 4th floor, 22-7, Shiba 3-chome, Minato-ku, Tokyo 105 (JP).

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

(11) **WO 98/21709** (13) A1

(21) PCT/US97/14026

(22) **8 Aug/Août 1997 (08.08.1997)**

(25) en (26) en

(31) 08/749,486 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G09G 5/00, 3/36, G06F 1/00, 1/16, H04M 1/00

(54) APPLICATION OF SPLIT-AND DUAL-SCREEN LCD PANEL DESIGN IN CELLULAR PHONES
UTILISATION D'UN SYSTEME DE PANNEAU D'AFFICHAGE A CRISTAUX LIQUIDES A ECRAN PARTAGE ET DOUBLE POUR TELEPHONES CELLULAIRES

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **SIMMERS, Charles, Russell**; 2541 E. Amberwood Drive, Phoenix, AZ 85048 (US).

(74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 17th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH 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 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 98/21710** (13) A1

(21) PCT/JP97/04077

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) ja (26) ja

(31) 8/312593 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G10L 3/02, 9/14

(54) SOUND REPRODUCING SPEED CONVERTER
CONVERTISSEUR DE RAPIDITE DE REPRODUCTION DE SONS

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANAKA, Naoya** [JP/JP]; Saedo-ryo, 749-1, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224 (JP). **TAKEDA, Hiroaki** [JP/JP]; Room 203, Motosumiyoshi Kopo, 215-14, Nishikase, Nakahara-ku, Kawasaki-shi, Kanagawa 211 (JP).

(74) **WASHIDA, Kimihito**; Shintoshicenter Building, 5th floor, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206 (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 IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/21711** (13) A1

(21) PCT/DE97/02429

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) de (26) de

(31) 196 46 634.2 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G10L 5/06, B60R 16/02

(54) METHOD FOR ENTERING VOCAL ORDERS
TECHNIQUE D'ENTREE D'ORDRES SOUS
FORME VOCALE

(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) **WIETZKE, Joachim** [DE/DE]; Ludwig-Erhard-Ring 10, D-31141 Hildesheim (DE). **OPATZ, Michael** [DE/DE]; Heerstrasse 11, D-31191 Algermissen (DE).

(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 98/21712** (13) A2

(21) PCT/US97/20610

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,943 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B

(54) METHOD AND APPARATUS UTILIZING A REGION BASED PAGE TABLE WALK BIT
PROCEDE ET APPAREIL UTILISANT UN BIT
DE PARCOURS DE TABLE DE PAGES ORIENTEE REGION

(71) **IDEA CORPORATION** [US/US]; 19447 Pruneridge Avenue, Cupertino, CA 95014 (US).

(72) **YAMADA, Koichi**; 335 Elan Village Lane #225, San Jose, CA 95134 (US). **HAMMOND, Gary, Neil**; 519 Sunnybrook Drive, Campbell, CA 95008 (US).

(74) **BEREZNAK, Bradley, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AU (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 HU ID IL IS JP KE KG KP KR KZ 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 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 98/21713** (13) A2

(21) PCT/US97/20765

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,492 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B

(54) MERCHANDIZING SYSTEM
SYSTEME DE MARCHANDISAGE

(71) **1.2.1. PRECISE INFORMATION LLC** [US/US]; 134 Charter Oak Drive, New Canaan, CT 06840 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEVILLE, Kevin, J.** [US/US]; 134 Charter Oak Drive, New Canaan, CT 06840 (US). **KLINGENBERG, Tim, P.** [US/US]; 12314 East 27th, Spokane, WA 99216 (US). **BLYTH, Michael** [US/US]; 2311 Central Park, Evanston, IL 60201 (US).

(74) **FREDERICK, James, R.**; Ware, Fressola, Van der Sluys & Adolphson LLP, Bradford Green, Building Five, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

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

(11) **WO 98/21714** (13) A2

(21) PCT/US97/20975

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,574 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B

(54) THREE ROLLER TAPE GUIDE
GUIDE-BANDE A TROIS GALETS

(71) **QUANTUM CORPORATION** [US/US]; 500 McCarthy Boulevard, Milpitas, CA 95035 (US).

(72) **SALIBA, George**; 109 Howard Street, Northboro, MA 01532 (US). **BORDASCH, Robert**; 2135 Knollwood Drive, Boulder, CO 80302 (US).

(74) **CHUN, Debra, A.** et al. / etc.; Quantum Corporation, 500 McCarthy Boulevard, Milpitas, CA 95035 (US).

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

(11) **WO 98/21715** (13) A1

(21) PCT/US97/18540

(22) **15 Oct/oct 1997 (15.10.1997)**

(25) en (26) en

(31) 08/749,999 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 5/55, 21/08, H01B 7/00, 11/02, H02K 41/00

(54) SLOTTED FLEX CIRCUIT AND OUTER RETURN PATH FOR A DISK DRIVE ACTUATOR
CIRCUIT SOUPLE A FENTE ET TRAJET DE RETOUR EXTERNE POUR BRAS DE LECTEUR DE DISQUES

(71) **IOMEGA CORPORATION** [US/US]; 1821 West 4000 South, Roy, UT 84067 (US).

(72) **BRIGGS, John, C.**; 2275 East 3350 North, Layton, UT 84040 (US). **PATTERSON, Robert, S.**; 2703 Hill Drive, Ogden, UT 84403 (US). **DEWEY, Jason**; 3695 Lark Circle, Ogden, UT 84403 (US).

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

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

Published / Publiée : (c)

(11) **WO 98/21716** (13) A1

(21) PCT/US97/00346

(22) **13 Jan/jan 1997 (13.01.1997)**

(25) en (26) en

(31) 60/030,687 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 5/60

(54) DISC HEAD SLIDER HAVING SURFACE DISCONTINUITIES TO MINIMIZE FLY STICKTION
CURSEUR DE TETE DE LECTURE DE DISQUE, PRESENTANT DES DISCONTINUITES SUPERFICIELLES MINIMISANT LE BLOCAGE PAR ADHERENCE LORS DU FLOTTEMENT

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUTAGHOU, Zine-Eddine** [US/US]; 307 Lily Pond Lane, Vadnais Heights, MN 55127 (US). **PENG, Jih-Ping** [-/US]; 3613 Copperfield Drive #334, San Jose, CA 95136 (US).

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

(81) CN DE GB JP KR SG US.

(11) **WO 98/21717** (13) A1

(21) PCT/JP97/04081

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) ja (26) ja

(31) 8/298782 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 7/00, 20/10(54) METHOD AND DEVICE FOR RECORDING DATA IN AN OPTICAL MEMORY CARD
PROCEDE ET DISPOSITIF POUR ENREGISTRER DES DONNEES DANS UNE CARTE OPTIQUE(71) **KABUSHIKI KAISHA NIPPON CONLUX** [JP/JP]; 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KIMURA, Yasuyuki** [JP/JP]; 187-3, Shimo-oyashiki, Kawashima-machi, Hiki-gun, Saitama 350-01 (JP). **ONODERA, Akira** [JP/JP]; 2-33-5, Kishi-machi, Kawagoe-shi, Saitama 350 (JP).(74) **KIMURA, Takahisa**; Sendai Building, 6F, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).

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

(11) **WO 98/21718** (13) A1

(21) PCT/JP96/03342

(22) **14 Nov/nov 1996 (14.11.1996)**

(25) ja (26) ja

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 7/24, 7/26(54) OPTICAL INFORMATION RECORDING MEDIUM AND PRODUCTION METHOD THEREOF
MOYEN D'ENREGISTREMENT OPTIQUE D'INFORMATIONS ET SON PROCEDE DE FABRICATION(71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **TERADA, Masato** [JP/JP]; 513-4, Nakamaru, Fuji-shi, Shizuoka 416 (JP). **OKAMURA, Tatsuya** [JP/JP]; 140-1, Nakamaru, Fuji-shi, Shizuoka 416 (JP). **FURUYA, Kazuyuki** [JP/JP]; 68, Aoshima-cho, Fuji-shi, Shizuoka 417 (JP).(74) **MORI, Tetsuya** et al. / etc.; Nichiei Kokusai Tokkyo Jimusho, Muraki Building, 8th floor, 7, Kanda-Kajicho 3-chome, Chiyoda-ku, Tokyo 101 (JP).

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

(11) **WO 98/21719** (13) A1

(21) PCT/US97/19366

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/746,729 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 15/68(54) LATCHING AND EJECTING TAPE CARTRIDGES IN A STORAGE LIBRARY SYSTEM
VERROUILLAGE ET EJECTION DE CARTOUCHES DE BANDE MAGNETIQUE DANS UN SYSTEME DE BIBLIOTHEQUE DE STOCKAGE(71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; 2270 South 88th Street, Louisville, CO 80028-4309 (US).(72) **MANES, Joseph, P.**; 7571 Ames Street, Arvada, CO 80003 (US). **WAIT, Donald, B.**; 740 34th Street, Boulder, CO 80303 (US). **FALACE, Joseph, P.**; 131 S. Madison Avenue, Louisville, CO 80027 (US). **FIRD, Randal**; 1340 Ithaca Drive, Boulder, CO 80303 (US). **BLACK, David**; 13122 Bellaire Drive, Thornton, CO 80241 (US). **PLUTT, Daniel**; 1049 E. Iliff Way, Superior, CO 80027 (US). **CREAGER, Robert, S.**; P.O. Box 1319, Berthoud, CO 80513 (US). **MEHLBERG, Adam**; 632 Pratt Street, Longmont, CO 80501 (US). **WILSON, Scott**; 2196 W. 116th Avenue, Westminster, CO 80234 (US).(74) **QUINN, Christopher, W.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

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

Published / Publiée : (c)

(11) **WO 98/21720** (13) A1

(21) PCT/EP97/05982

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) en (26) en

(31) 1004485 (32) **11 Nov/nov 1996 (11.11.1996)** (33) NL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 19/20, 33/08(54) RADIAL DAMPING MECHANISM FOR TURN-TABLE IN CD PLAYER
SYSTEME AMORTISSEUR RADIAL POUR PLATINE TOURNE-DISQUES D'UN LECTEUR DE DISQUES COMPACTS(71) **HOLLANDSE SIGNAALAPPARATEN B.V.** [NL/NL]; Zuidelijke Havenweg 40, P.O. Box 42, NL-7550 GD Hengelo (NL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BOUWMEESTER, Fred** [NL/NL]; Veulenweide 2, NL-2727 EP Zoetermeer (NL). **VERBURG, Cornelis** [NL/NL]; Rijnweg 160, NL-2681 ST Monster (NL). **HERMANS, Nicolaas, Jozef, Marie** [NL/NL]; Van der Maasstraat 9, NL-2722 BH Zoetermeer (NL).(74) **HOLLANDSE SIGNAALAPPARATEN B.V.**; Patent Dept., Attn. Dekker, W., Zuidelijke Havenweg 40, P.O. Box 42, NL-7550 GD Hengelo (NL).

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

Published / Publiée : (c)

(11) **WO 98/21721** (13) A1

(21) PCT/JP97/04082

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) ja (26) ja

(31) 8/298783 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 20/14(54) DATA RECORDING METHOD AND APPARATUS FOR OPTICAL MEMORY CARDS
PROCEDE ET APPAREIL D'ENREGISTREMENT DE DONNEES POUR CARTES OPTIQUES(71) **KABUSHIKI KAISHA NIPPON CONLUX** [JP/JP]; 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KIMURA, Yasuyuki** [JP/JP]; 187-3, Shimo-oyashiki, Kawashima-machi, Hiki-gun, Saitama 350-01 (JP).(74) **KIMURA, Takahisa**; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).

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

(11) **WO 98/21722** (13) A1

(21) PCT/JP97/04105

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) ja (26) ja

(31) 8/301573 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 27/031, H04N 5/72, 5/91(54) APPARATUS AND METHOD OF GENERATING BIT STREAM FOR INFORMATION RECORDING DISC STORAGE WHICH ENABLES SEAMLESS REPRODUCTION OF A PLURALITY OF PIECES OF IMAGE INFORMATION, AND RECORDING MEDIUM ON WHICH PROGRAM APPLIED TO THE GENERATING APPARATUS IS RECORDED
APPAREIL ET PROCEDE DE GENERATION DE TRAIN DE BITS POUR MEMOIRE A DISQUE D'ENREGISTREMENT DE DONNEES PERMETTANT UNE REPRODUCTION CONTINUE DE PLUSIEURS PIECES DE DONNEES-IMAGES ET SUPPORT D'ENREGISTREMENT SUR LEQUEL EST ENREGISTRE UN PROGRAMME APPLIQUE A L'APPAREIL DE GENERATION(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, OazaKadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **YAMAUCHI, Kazuhiko** [JP/JP]; 19-1-407, Ishizuminamimachi, Neyagawa-shi, Osaka 572 (JP). **OKADA, Tomoyuki** [JP/JP]; 6-101, Myoukenzaka 6-chome, Katano-shi, Osaka 576 (JP). **KOZUKA, Masayuki** [JP/JP]; 19-1-1207, Ishizuminamimachi, Neyagawa-shi, Osaka 572 (JP). **UESAKA, Yasushi** [JP/JP]; 16-16, Tsutsujigao-kakita 2-chome, Sanda-shi, Hyogo 669-16 (JP). **MURASE, Kaoru** [JP/JP]; Room 105, Prejirukurihara, 8-29, Meyasukita 2-chome, Ikarugacho, Ikoma-gun, Nara 636-0133 (JP).(74) **NAKAJIMA, Shiro**; Yodogawa 5-Bankan, 6F, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531 (JP).

(81) CN JP KR SG US; EP (DE FR GB).

(11) **WO 98/21723** (13) A1

(21) PCT/GB97/03061

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9623310.1 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB(31) 9626947.7 (32) **27 Dec/déc 1996 (27.12.1996)** (33) GB(31) 9709995.6 (32) **17 May/mai 1997 (17.05.1997)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 33/04, B65D 85/57

(54) PACKAGING EMBALLAGE

(71) **PIKE, Keith, Reginald** [GB/GB]; K. & S. Pike Consultancy, 8 Edward Road West, Clevedon, North Somerset BS21 7DY (GB).

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

(72, 75) **PRICE, Robin, James** [GB/GB]; 3 Highdale Avenue, Clevedon, North Somerset BS21 7LZ (GB).

(74) **BROWN, Michael, Stanley**; Alpha & Omega, Chine Croft, East Hill, Ottery St. Mary, Devon EX11 1PJ (GB).

(81) AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) 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 (Utility model / modèle d'utilité) 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 98/21724** (13) A1

(21) PCT/US97/19602

(22) **29 Oct/oct 1997 (29.10.1997)**

(25) en (26) en

(31) 08/748,564 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11B 33/04

(54) BILATERAL MEDIA STORAGE UNIT UNITE DE STOCKAGE DE SUPPORTS INFORMATIQUES SUR DEUX COTES

(71) **CD3 STORAGE SYSTEMS, INC.** [US/US]; Suite 202, 301-B Hesters Crossing Road, Round Rock, TX 78681 (US).

(72) **FRANKENY, Richard, F.**; Route 4, Box 285, Elgin, TX 78621 (US). **WHITEHEAD, Verlon, E.**; 8815 Mesa Drive, Austin, TX 78759 (US). **HUNT, Ronald, E.**; 211 Buck Bend, Georgetown, TX 78628 (US).

(74) **MUSGROVE, Jack, V.** et al. / etc.; Felsman, Bradley, Gunter & Dillon, LLP, Suite 350, Arboretum Point, 9505 Arboretum Boulevard, Austin, TX 78759 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21725** (13) A2

(21) PCT/DE97/02632

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 47 181.8 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11C 5/00, 7/00

(54) INTEGRATED CIRCUIT DESIGNED FOR PROCESSING SOFTWARE PROGRAMS

CIRCUIT INTEGRE CONÇU POUR PRENDRE EN CHARGE DES PROGRAMMES LOGICIELS

(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) **FÖDLMEIER, Dieter** [DE/DE]; Pfettrachweg 1, D-84032 Aldorf (DE). **STÜTING, Udo** [DE/DE]; Edith-Stein-Strasse 1, D-85716 Unterschleißheim (DE). **BRACHMANN, Bernd** [DE/DE]; Pater-Schelle-Strasse 6, D-86971 Peiting (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 98/21726** (13) A1

(21) PCT/FR97/02026

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) fr (26) fr

(31) 96/14105 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G11C 27/02

(54) ANALOG ELECTRONIC CELL, IN PARTICULAR DESIGNED TO BE IMPLANTED IN AN INTEGRATED CIRCUIT, AND INTEGRATED CIRCUIT COMPRISING SUCH CELLS CELLULE ELECTRONIQUE ANALOGIQUE, NOTAMMENT DESTINEE A ETRE IMPLANTEE DANS UN CIRCUIT INTEGRE, ET CIRCUIT INTEGRE COMPORTANT DE TELLES CELLULES

(71) **INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE LYON** [FR/FR]; 20, avenue Albert Einstein, F-69100 Villeurbanne (FR).

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

(72, 75) **PREMONT, Christophe** [FR/FR]; 3, rue Sidi Brahim, F-38100 Grenoble (FR). **BARREAU, Gérard** [FR/FR]; 39, rue Léon Granier, F-69110 Sainte-Foy-les-Lyon (FR). **GRISSEL, Richard** [FR/FR]; 4, parc de la Saône, F-76130 Mont-Saint-Aignan (FR). **ABOUCHE, Nacer** [FR/FR]; Résidence le François, Bâtiment C7, 27, avenue Paul Marcellin, F-69120 Vaulx-en-Velin (FR).

(74) **VUILLERMOZ, Bruno** et al. / etc.; Cabinet Laurent & Charras, 20, rue Louis Chirpaz, Boîte postale 32, F-69131 Ecully Cedex (FR).

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

(11) **WO 98/21727** (13) A1

(21) PCT/TR97/00017

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 96/908 (32) **14 Nov/nov 1996 (14.11.1996)** (33) TR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G12B 9/10, H02B 15/00 // D06F 33/02, F25D 29/00, A47L 15/42

(54) TWO-PIECE CONTROL PANEL USED FOR ELECTRICAL HOUSEHOLD APPLIANCES TABLEAU DE COMMANDE EN DEUX PARTIES UTILISABLE SUR DES APPAREILS ELECTROMENAGERS

(71) **ARCELIK A.S.** [TR/TR]; Tuzla, 81719 Istanbul (TR).

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

(72, 75) **AVCI, S., Korkut** [TR/TR]; Altinordu Cad. No. 5, Organize Sanayi Bölgesi, 06931 Ankara (TR). **EKSERT, Semsettin** [TR/TR]; Altinordu Cad. No. 5, Organize Sanayi Bölgesi, 06931 Ankara (TR). **BEKAR, Zülfiyar** [TR/TR]; Kofisa S.p.A., Via Carducci, 11, I-20125 Milano (IT).

(74) **ANKARA PATENT BUREAU LTD.**; Sehit Adem Yavuz Sokak 8/22, Kizilay, 06440 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 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 98/21728** (13) A1

(21) PCT/SE97/01897

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) sv (26) en

(31) 9604146-2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G21C 7/24 // C01B 31/36

(54) A NEUTRON ABSORPTION MEANS, A METHOD OF PRODUCTION THEREOF AND A USE THEREOF MOYENS D'ABSORPTION DE NEUTRONS, PROCEDE DE FABRICATION DE CES MOYENS ET LEUR UTILISATION

(71) **ABB ATOM AB** [SE/SE]; S-721 63 Västerås (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Sven** [SE/SE]; Mäster Jacobs väg 28, S-730 50 Skultuna (SE).

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

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

(11) **WO 98/21729** (13) A1

(21) PCT/IB97/01206

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 96203159.7 (32) **12 Nov/nov 1996 (12.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ G21K 3/00, 1/10

(54) X-RAY EXAMINATION APPARATUS INCLUDING AN X-RAY FILTER APPAREIL D'EXAMEN RADIOLOGIQUE COMPORTANT UN FILTRE DE RAYONS X

(71) **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) **MARRA, Johannes**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WELTERS, Wilhelmus, Jacobus, Johannes**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; 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).

Published / Publiée : (c)

(11) **WO 98/21730** (13) A1

(21) PCT/SE96/01447

(22) **11 Nov/nov 1996 (11.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01F 41/06

(54) A COIL MANUFACTURING AND ATTACHMENT METHOD AND APPARATUS FOR CARRYING OUT THE METHOD
PROCEDE DE FABRICATION ET DE FIXATION DE BOBINES ET APPAREIL DE REALISATION DE CE PROCEDE

(71) **METGET AB** [SE/SE]; Metallgatan 1, S-372 38 Ronneby (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WARGREN, Bengt** [SE/SE]; Linnégatan 98, S-115 26 Stockholm (SE).

(74) **NILSSON, Karl** et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

(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 (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 98/21731** (13) A1

(21) PCT/SI97/00030

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) P-9600330 (32) **11 Nov/nov 1996 (11.11.1996)** (33) SI

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01G 4/40, H01C 7/112

(54) MULTIFUNCTIONAL PROTECTIVE COMPONENT
ELEMENT DE PROTECTION POLYVALENT

(71, 72) **ŽIVIC, Zoran** [SI/SI]; Škofjeloška 21, 1215 Medvode (SI).

(74) **PUČNIK, Janko**; Novakova 5, 1000 Ljubljana (SI).

(81) BY 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 98/21732** (13) A1

(21) PCT/US97/20588

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,372 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/907,560 (32) **8 Aug/Août 1997 (08.08.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01H 3/02, 13/68

(54) ELECTRIC CIRCUIT ACTUATING MECHANISM
MECANISME D'ACTIONNEMENT DE CIRCUIT ELECTRIQUE

(63) US 08/747,372 (CON)

12 Nov/nov 1996 (12.11.1996)

US 08/907,560 (CON)

8 Aug/Août 1997 (08.08.1997)

(71) **REITECH CORPORATION** [US/US]; Suite 200, 11965 12th Avenue South, Burnsville, MN 55337 (US).

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

(72, 75) **REITER, John, P.** [US/US]; 6521 Stevens Avenue South, Richfield, MN 55423 (US).

(74) **KAMRATH, Alan** et al. / etc.; Peterson, Wicks, Nemer & Kamrath, P.A., 1407 Soo Line Building, 105 South Fifth Street, Minneapolis, MN 55402 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21733** (13) A1

(21) PCT/US97/21200

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,846 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01H 13/70, H04M 1/22

(54) ELECTROLUMINESCENT BACKLIT DEVICES
DISPOSITIFS ELECTROLUMINESCENTS A ECLAIRAGE ARRIERE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **KUBES, Joseph**; Apartment R, 1801 Summit Hills Way, Raleigh, NC 27607 (US). **SMITH, James, A.**; 104 Wendover Lane, Durham, NC 27713 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21734** (13) A1

(21) PCT/EP97/06174

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 46 667.9 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(31) 197 30 715.9 (32) **17 Jul/juillet 1997 (17.07.1997)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01H 59/00

(54) METHOD FOR MANUFACTURING A MICRO-MECHANICAL RELAY
PROCEDE DE PRODUCTION D'UN RELAIS MICROMECHANIQUE

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHIELE, Ignaz** [DE/DE]; Lily-Braun-Weg 8, D-80637 München (DE). **KOZŁOWSKI, Frank** [DE/DE]; Mülleranger 12, D-82284 Grafath (DE).

(74) **SCHOPPE, Fritz**; Postfach 71 08 67, D-81458 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/21735** (13) A1

(21) PCT/BR97/00061

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) PI 9605552-9 (32) **13 Nov/nov 1996 (13.11.1996)** (33) BR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01H 61/00

(54) AN ASSEMBLY OF ELECTRIC MOTOR-CONTROLLING COMPONENTS
ENSEMBLE DE COMPOSANTS POUR COMMANDER DES MOTEURS ELECTRIQUES

(71) **TEXAS INSTRUMENTOS ELETRÖNICOS DO BRASIL LTDA.** [BR/BR]; Rua Azarias de Mello, 648, Campinas, SP (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEIDENTHAL DE CAMPOS, José, Paulo** [BR/BR]; Apartamento 63, Rua Diogo Prado, 134, Cambuí, Campinas, SP (BR).

(74) **DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA**; Caixa Postal 2142, CEP-20001-970 Rio de Janeiro, RJ (BR).

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

(11) **WO 98/21736** (13) A1

(21) PCT/US97/20442

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/748,451 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01J 1/30, 9/02

(54) CARBON CONE AND CARBON WHISKER FIELD EMITTERS
EMETTEURS PAR EFFET DE CHAMP A CONES DE CARBONE ET A BARBES DE CARBONE

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

(72) **BLANCHET-FINCHER, Graciela, Beatriz**; 8 Pheasants Ridge South, Greenville, DE 19807 (US). **HOLSTEIN, William, Leo**; 101 Hawthorne Court West, Hockessin, DE 19707 (US). **SHAH, Syed, Ismat, Ullah**; 2808 Bexley Court, Wilmington, DE 19808 (US).

(74) **SCHAEFFER, Andrew, L.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

Published / Publiée : (c)

(11) **WO 98/21737** (13) A1

(21) PCT/US96/18468

(22) **13 Nov/nov 1996 (13.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01J 1/62, 63/04

(54) CARBON-CONTAINING CATHODES FOR ENHANCED ELECTRON EMISSION
CATHODES CONTENANT DU CARBONE, CONCUES POUR UNE EMISSION ELECTRONIQUE ACCRUE

(71) **BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Stanford, CA 94305 (US).

(72) **CAO, Rennyu**; 20643 Greenleaf Drive, Cupertino, CA 95014 (US). **PAN, Lawrence**; 7011 East Avenue, Livermore, CA 94550 (US). **VERGARA, German**; Plaza Reyes Margos, 11, E-28007 Madrid (ES). **FOX, Ciaran**; 3514 W. Arcadia, Evanston, IL 60203 (US).

(74) **ALBOSZTA, Marek**; 426 Lowell Avenue, Palo Alto, CA 94301 (US).

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

(11) **WO 98/21738** (13) A2

(21) PCT/EP97/06140

(22) **8 Nov/nov 1997 (08.11.1997)**

(25) de (26) de

(31) 196 47 004.8 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01J 9/20

(54) METHOD FOR PRESSING GLASS DISPLAY SCREENS
PROCEDE DE PRESSAGE D'ECRANS EN VERRE

(71, 72) **KÖNIG, Wilhelm** [DE/DE]; Strassburger Strasse 134, D-46047 Oberhausen (DE).

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

(11) **WO 98/21739** (13) A1

(21) PCT/KR96/00270

(22) **30 Dec/déc 1996 (30.12.1996)**

(25) en (26) en

(31) 1996/53648 (32) **13 Nov/nov 1996 (13.11.1996)** (33) KR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01J 29/20, 9/227, 29/32, 9/20, C09K 11/02

(54) METHOD OF MANUFACTURING DRY-POWDERED, DOUBLE-COATED PHOSPHOR PARTICLES WITH SILICA AND TITANIC-COUPPLING FOR CRT

PROCEDE DE FABRICATION DE PARTICULES DE PHOSPHORE A DOUBLE REVETEMENT SOUS FORME DE POWDRE SECHE AVEC UN MELANGE DE DIOXYDE DE SILICIUM ET DE TITANE POUR TUBES CATHODIQUES

(71) **ORION ELECTRIC CO., LTD.** [KR/KR]; 165, Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).

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

(72, 75) **PARK, Tai, Ha** [KR/KR]; 201-903 Chungang Apartment, 151-10, Hougkog-dong, Gumi-si, Kyung-sangbuk-do 730-340 (KR). **YOON, Sang, Youl** [KR/KR]; 102-1402 Hwajin Kumbong Apartment, Hwang-sang-dong, Gumi-si, Kyung-sangbuk-do 730-330 (KR). **LEE, Min, Soo** [KR/KR]; 2-507 Cosmos Apartment, 499-1, Sincheon 4-dong, Dong-ku, Taegu-city 701-024 (KR). **BAE, Ho, Gi** [KR/KR]; 765-9, Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).

(74) **LEE, Young**; 735-29, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) CN JP MX US VN; EP (DE ES FR GB IT NL).

(11) **WO 98/21740** (13) A1

(21) PCT/KR96/00271

(22) **30 Dec/déc 1996 (30.12.1996)**

(25) en (26) en

(31) 1996/53649 (32) **13 Nov/nov 1996 (13.11.1996)** (33) KR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01J 29/20, 29/32, 9/227, 9/20, C09K 11/02

(54) DRY-POWDERED, DOUBLE-COATED, R OR G PHOSPHOR PARTICLES WITH SILICA AND TITANIC-COUPPLING FOR CRT SCREEN ASSEMBLIES AND THEIR MANUFACTURING
PARTICULES DE PHOSPHORE ROUGE OU VERT SOUS FORME DE POWDRE SECHE COMPORTANT UN DOUBLE REVETEMENT EN MELANGE DE DIOXYDE DE SILICIUM ET DE TITANE POUR ENSEMBLES ECRAN A TUBE CATHODIQUE ET LEUR PREPARATION

(71) **ORION ELECTRIC CO., LTD.** [KR/KR]; 165, Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).

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

(72, 75) **PARK, Tai, Ha** [KR/KR]; 201-903, Chungang Apartment, 151-10, Hougkog-dong, Gumi-si, Kyung-sangbuk-do 730-040 (KR). **YOON, Sang, Youl** [KR/KR]; 102-1402 Hwajin Kumbong Apartment, Hwang-sang-dong, Gumi-si, Kyung-sangbuk-do 730-330 (KR). **LEE, Min, Soo** [KR/KR]; 2-507 Cosmos Apartment, 499-1, Sincheon 4-dong, Dong-ku, Taegu-city 701-024 (KR). **BAE, Ho, Gi** [KR/KR]; 765-9, Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).

(74) **LEE, Young**; 735-29, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) CN JP MX US VN; EP (DE ES FR GB IT NL).

(11) **WO 98/21741** (13) A1

(21) PCT/KR96/00272

(22) **30 Dec/déc 1996 (30.12.1996)**

(25) en (26) en

(31) 1996/53650 (32) **13 Nov/nov 1996 (13.11.1996)** (33) KR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01J 29/20, 29/32, 9/227, 9/20, C09K 11/02

(54) DRY-POWDERED, DOUBLE-COATED, B PHOSPHOR PARTICLES WITH SILICA AND TITANIC-COUPPLING FOR CRT SCREENS AND THEIR MANUFACTURING
PARTICULES DE PHOSPHORE B A DOUBLE REVETEMENT SOUS FORME DE POWDRE SECHE A MELANGE DE TITANE ET DIOXYDE DE SILICIUM POUR ECRANS CATHODIQUES ET LEUR PREPARATION

(71) **ORION ELECTRIC CO., LTD.** [KR/KR]; 165, Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).

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

(72, 75) **PARK, Tai, Ha** [KR/KR]; 201-903 Changang Apt., 151-10, Hougkog-dong, Gumi-si, Kyung-sangbuk-do 730-040 (KR). **YOON, Sang, Youl** [KR/KR]; 102-1402, Hwajin Kumbong Apt., Hwang-sang-dong, Gumi-si, Kyung-sangbuk-do 730-330 (KR). **LEE, Min, Soo** [KR/KR]; 2-507 Cosmos Apt., 499-1, Sincheon 4-dong, Dong-ku, Taegu-city 701-024 (KR). **BAE, Ho, Gi** [KR/KR]; 765-9, Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).

(74) **LEE, Young**; 735-29, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) CN JP MX US VN; EP (DE ES FR GB IT NL).

(11) **WO 98/21742** (13) A1

(21) PCT/US97/20766

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,509 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(31) 08/814,898 (32) **12 Mar/mar 1997 (12.03.1997)** (33) US

(31) 08/818,376 (32) **14 Mar/mar 1997 (14.03.1997)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01J 37/252

(54) MULTI-ANODE TIME TO DIGITAL CONVERTER
CONVERTISSEUR DU TEMPS EN DONNEES NUMERIQUES, A ANODES MULTIPLES

(71) **SENSOR CORPORATION** [US/US]; 1652 West 820 North, Provo, UT 84601 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROCKWOOD, Alan** [US/US]; 1536 West 1170 North, Provo, UT 84604 (US). **DAVIS, Larry, J.** [US/US]; 10455 North Edinburgh Drive, Highland, UT 84003 (US).

(74) **CLAYTON, Grant, R.** et al. / etc.; Thorpe, North & Western, L.L.P., Suite 200, 9035 South 700 East, Sandy, UT 84070 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH 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 98/21743** (13) A1

(21) PCT/IL97/00356

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 119596 (32) **11 Nov/nov 1996 (11.11.1996)** (33) IL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01J 40/14

(54) INCREASING THE DYNAMIC RANGE OF IMAGE SENSORS
ACCROISSEMENT DE LA DYNAMIQUE DE CAPTEURS D'IMAGES

(71, 72) SHEFER, Mordechai [IL/IL]; Gutl-Levin Street 16, 32922 Haifa (IL).

(74) LUZZATTO, Kfir et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21744 (13) A2

(21) PCT/US97/19709

(22) 29 Oct/oct 1997 (29.10.1997)

(25) en (26) en

(31) 08/739,936 (32) 30 Oct/oct 1996 (30.10.1996) (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L

(54) GAS PANEL
BOITE DE DISTRIBUTION DE GAZ

(71) UNIT INSTRUMENTS, INC. [US/US]; 22600 Savi Ranch Parkway, Yorba Linda, CA 92687 (US).

(72) REDEMANN, Eric, J.; 28187 Via Fierro, Laguna Niguel, CA 92677 (US). VU, Kim, N.; 20451 Via Marwah, Yorba Linda, CA 92886 (US).

(74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 900, 135 South LaSalle Street, Chicago, IL 60603-4277 (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 TJ TM TR TT UA UG 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 98/21745 (13) A1

(21) PCT/JP97/04099

(22) 11 Nov/nov 1997 (11.11.1997)

(25) ja (26) ja

(31) 8/320912 (32) 14 Nov/nov 1996 (14.11.1996) (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L 21/3065

(54) PROCESS FOR THE PRODUCTION OF SEMICONDUCTOR DEVICE
PROCEDE DE FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKAHORI, Takashi [JP/JP]; 401, Bears Palace, 37-5, Matsugi, Hachioji-shi, Tokyo 192-03 (JP). ISHIZUKA, Shuichi [JP/JP]; 202, Shiroyama New Heights, 4-19-29, Harajuku, Shiroyamamachi, Tsukui-gun, Kanagawa 220-01 (JP). ENDO, Shunichi [JP/JP]; 408, Clio Sagamihara Nibankan, 2-12-12, Sagamihara, Sagamihara-shi, Kanagawa 229 (JP). AOKI, Takeshi [JP/JP]; 430, Maison De Noah Owada, 6-14-5, Owadamachi, Hachioji-shi, Tokyo 192 (JP). HIRATA, Tadashi [JP/JP]; 1004, Dragon Mansion Hashimoto Nibankan, 3-21-2, Hashimoto, Sagamihara-shi, Kanagawa 229 (JP).

(74) SATO, Kazuo et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) WO 98/21746 (13) A1

(21) PCT/JP97/04151

(22) 14 Nov/nov 1997 (14.11.1997)

(25) ja (26) ja

(31) 8/320915 (32) 14 Nov/nov 1996 (14.11.1996) (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L 21/31, 21/205, C23C 16/50, 16/52

(54) METHOD OF PLASMA TREATMENT
PROCEDE DE TRAITEMENT AU PLASMA

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKAHORI, Takashi [JP/JP]; 401, Bears Palace, 37-5, Matsugi, Hachioji-shi, Tokyo 192-03 (JP). NAKASE, Risa [JP/JP]; II 206, Celsion Sagamihara, 6-8-6, Sagamihara, Sagamihara-shi, Kanagawa 229 (JP). OKA, Shinsuke [JP/JP]; 401, Buruyaru Hashimoto, 5-17-13, Hashimoto, Sagamihara-shi, Kanagawa 229 (JP).

(74) SATO, Kazuo et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) WO 98/21747 (13) A1

(21) PCT/JP97/04098

(22) 11 Nov/nov 1997 (11.11.1997)

(25) ja (26) ja

(31) 8/320911 (32) 14 Nov/nov 1996 (14.11.1996) (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L 21/314, 21/205, 21/31, C23C 16/26, 16/30

(54) PLASMA FILM FORMING METHOD AND PLASMA FILM FORMING APPARATUS
PROCEDE DE FORMAGE D'UN FILM AU PLASMA ET DISPOSITIF DE FABRICATION D'UN FILM AU PLASMA

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKAHORI, Takashi [JP/JP]; 401, Bears Palace, 37-5, Matsugi, Hachioji-shi, Tokyo 192-03 (JP). TOZAWA, Masaki [JP/JP]; 1628-1-502, Kumagawa, Fussa-shi, Tokyo 197 (JP). NAITO, Yoko [JP/JP]; 102, Pastoral Koyama, 5-5-17, Hashimoto, Sagamihara-shi, Kanagawa 229 (JP). NAKASE, Risa [JP/JP]; 206, Celsion Sagamihara, 6-8-6, Sagamihara, Sagamihara-shi, Kanagawa

229 (JP). YOKOYAMA, Osamu [JP/JP]; 304, Clio Sagamihara Nibankan, 2-12-12, Sagamihara, Sagamihara-shi, Kanagawa 229 (JP). ISHIZUKA, Shuichi [JP/JP]; 202, Shiroyama New Heights, 4-19-29, Harajuku, Shiroyamamachi, Tsukui-gun, Kanagawa 220-01 (JP). ENDO, Shunichi [JP/JP]; 408, Clio Sagamihara Nibankan, 2-12-12, Sagamihara, Sagamihara-shi, Kanagawa 229 (JP). SAITO, Masahide [JP/JP]; 2313, Tokyo Electron Setagayaryo, 4-20-8, Kyuden, Setagaya-ku, Tokyo 154 (JP). AOKI, Takeshi [JP/JP]; 430, Maison De Noah Owada, 6-14-5, Owadamachi, Hachioji-shi, Tokyo 192 (JP). HIRATA, Tadashi [JP/JP]; 1004, Dragon Mansion Hashimoto Nibankan, 3-21-2, Hashimoto, Sagamihara-shi, Kanagawa 229 (JP).

(74) SATO, Kazuo et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) WO 98/21748 (13) A1

(21) PCT/JP97/04144

(22) 13 Nov/nov 1997 (13.11.1997)

(25) ja (26) ja

(31) 8/320913 (32) 14 Nov/nov 1996 (14.11.1996) (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L 21/314, 21/205, 21/31, 21/3205, 21/768

(54) SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD
DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKAHORI, Takashi [JP/JP]; 401, Bears Palace, 37-5, Matsugi, Hachioji-shi, Tokyo 192-03 (JP). NAITO, Yoko [JP/JP]; 102, Pastoral Koyama, 5-5-17, Hashimoto, Sagamihara-shi, Kanagawa 229 (JP). ENDO, Shunichi [JP/JP]; 408, Clio Sagamihara Nibankan, 2-12-12, Sagamihara, Sagamihara-shi, Kanagawa 229 (JP). SAITO, Masahide [JP/JP]; 2313, Tokyo Electron Setagayaryo, 4-20-8, Kyuden, Setagaya-ku, Tokyo 154 (JP). AOKI, Takeshi [JP/JP]; 430, Maison De Noah Owada, 6-14-5, Owadamachi, Hachioji-shi, Tokyo 192 (JP). HIRATA, Tadashi [JP/JP]; 1004, Dragon Mansion Hashimoto Nibankan, 3-21-2, Hashimoto, Sagamihara-shi, Kanagawa 229 (JP).

(74) SATO, Kazuo et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP).

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

(11) WO 98/21749 (13) A1

(21) PCT/JP97/04145

(22) 13 Nov/nov 1997 (13.11.1997)

(25) ja (26) ja

(31) 8/320910 (32) 14 Nov/nov 1996 (14.11.1996) (33) JP

(31) 8/320914 (32) 14 Nov/nov 1996 (14.11.1996) (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L 21/314, 21/31, 21/3065, C23C 16/50

(54) METHOD FOR CLEANING PLASMA TREATMENT DEVICE AND METHOD FOR PLASMA TREATMENT

- PROCEDE DE NETTOYAGE D'UN DISPOSITIF DE TRAITEMENT AU PLASMA ET PROCEDE DE TRAITEMENT AU PLASMA
- (71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AKAHORI, Takashi** [JP/JP]; 401, Bears Palace, 37-5, Matsugi, Hachioji-shi, Tokyo 192-03 (JP). **TOZAWA, Masaki** [JP/JP]; 1628-1-502, Kumagawa, Fussa-shi, Tokyo 197 (JP). **NAITO, Yoko** [JP/JP]; 102, Pastoral Koyama, 5-5-17, Hashimoto, Sagamihara-shi, Kanagawa 229 (JP). **NAKASE, Risa** [JP/JP]; II 206, Celsion Sagamihara, 6-8-6, Sagamihara, Sagamihara-shi, Kanagawa 229 (JP). **ISHIZUKA, Shuichi** [JP/JP]; 202, Shiroyama New Heights, 4-19-29, Harajuku, Shiroyamamachi, Tsukui-gun, Kanagawa 220-01 (JP). **SAITO, Masahide** [JP/JP]; 2313, Tokyo Electron Setagayaryo, 4-20-8, Kyuden, Setagaya-ku, Tokyo 154 (JP). **HIRATA, Tada-shi** [JP/JP]; 1004, Dragon Mansion Hashimoto Nibankan, 3-21-2, Hashimoto, Sagamihara-shi, Kanagawa 229 (JP).
- (74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100 (JP).
- (81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21750** (13) A1
(21) PCT/JP97/03979
(22) **31 Oct/oct 1997 (31.10.1997)**
(25) ja (26) ja
(31) 8/298892 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP
(31) 8/308427 (32) **19 Nov/nov 1996 (19.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H01L 21/316, G11B 5/84, G02F 1/1333, H01L 21/3205, 21/768, 27/14, B05D 7/00, 7/24, C09D 183/16
- (54) SUBSTRATE FLATTENING METHOD, AND FILM-COATED SUBSTRATE AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD
PROCEDE D'APLANISSEMENT D'UN SUBSTRAT, ET PROCEDE DE FABRICATION DE SUBSTRATS RECOUVERTS D'UN FILM ET DE DISPOSITIFS A SEMI-CONDUCTEUR
- (71) **CATALYSTS & CHEMICALS INDUSTRIES CO., LTD.** [JP/JP]; 580, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210 (JP). **NIPPON TELEGRAPH AND TELEPHONE CORPORATION** [JP/JP]; 19-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-19 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURAGUCHI, Ryo** [JP/JP]; Wakamatsu Plant, Catalysts & Chemicals Industries Co., Ltd., 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808 (JP). **NAKASHIMA, Akira** [JP/JP]; Wakamatsu Plant, Catalysts & Chemicals Industries Co., Ltd., 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808 (JP). **TONAI, Atsushi** [JP/JP]; Wakamatsu Plant, Catalysts & Chemicals Industries Co., Ltd., 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808 (JP). **KOMATSU, Michio** [JP/JP]; Wakamatsu Plant, Catalysts & Chemicals Industries Co., Ltd., 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808 (JP). **MACHIDA, Katsuyuki** [JP/JP]; 2-7-3, Mouridai, Atsugi-shi, Kanagawa 243 (JP). **KYURAGI, Hakeru** [JP/JP]; 6-6-9, Kanai, Machida-shi, Tokyo 194-01 (JP). **IMAI, Kazuo** [JP/JP]; 2-9-8, Morinosato, Atsugi-shi, Kanagawa 243-01 (JP).
- (74) **SUZUKI, Shunichiro**; Suzuki & Associates, Gotanda Yamazaki Building 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141 (JP).
- (81) JP KR US; EP (DE NL).
-
- (11) **WO 98/21751** (13) A2
(21) PCT/DE97/02631
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) de (26) de
(31) 196 46 472.2 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H01L 23/495
- (54) OPTIMIZING THE POWER CONNECTION BETWEEN CHIP AND CIRCUIT BOARD FOR A POWER SWITCH
OPTIMISATION DE LA CONNEXION DE PUISSANCE ENTRE UNE PUCE ET UN CADRE CONDUCTEUR POUR SECTIONNEUR DE PUISSANCE
- (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) **SANDER, Rainald** [DE/DE]; Matthias-Mayer-Strasse 3, D-81379 München (DE). **XU, Chihao** [CN/DE]; Bodenseestrasse 302a, D-81249 München (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21752** (13) A1
(21) PCT/JP97/04064
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) ja (26) ja
(31) 8/315526 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP
(31) 9/124868 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP
(31) 9/199376 (32) **9 Jul/juil 1997 (09.07.1997)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H01L 25/065
- (54) MEMORY MODULE
MODULE DE MEMOIRE
- (71) **T.I.F. CO., LTD.** [JP/JP]; 5-6-213, San-no 2-chome, Ohta-ku, Tokyo 143 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IKEDA, Kouichi** [JP/JP]; 5-13, Nishishiro-machi 2-chome, Jouetsu-shi, Niigata 943 (JP). **IKEDA, Takeshi** [JP/JP]; 5-6-213, San-no 2-chome, Ohta-ku, Tokyo 143 (JP).
- (74) **AMAGAI, Masahiko**; Amagai Tokkyo Jimusyo, Wacore Shinjuku Daiichi-Building 803, 7-26, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160 (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 98/21753** (13) A1
(21) PCT/SE97/01908
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 9604142-1 (32) **13 Nov/nov 1996 (13.11.1996)** (33) SE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01L 27/07, 29/735, 29/739 // 29/772
- (54) LATERAL BIPOLAR FIELD EFFECT MODE HYBRID TRANSISTOR AND METHOD FOR THE SAME
TRANSISTOR BIPOLAIRE HYBRIDE LATERAL A EFFET DE CHAMP ET PROCEDE CORRESPONDANT
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **SÖDERBÄRG, Anders**; Norbyvägen 129C, S-756 45 Uppsala (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21754** (13) A1
(21) PCT/SI97/00029
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) P-9600331 (32) **11 Nov/nov 1996 (11.11.1996)** (33) SI
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H01L 29/22, 29/93, H01C 7/112
- (54) MULTILAYER ZnO POLYCRYSTALLINE DIODE
DIODE POLYCRISTALLINE MULTICOUCHE ZnO
- (71, 72) **ŽIVIC, Zoran** [SI/SI]; Škofjeloška 21, 1215 Medvode (SI).
- (74) **PUČNIK, Janko**; Novakova 5, 1000 Ljubljana (SI).
- (81) BY 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 98/21755** (13) A2
(21) PCT/US97/20862
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 60/030,501 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(31) 60/040,129 (32) **7 Mar/mar 1997 (07.03.1997)** (33) US
(31) 60/040,130 (32) **7 Mar/mar 1997 (07.03.1997)** (33) US
(31) 60/040,131 (32) **7 Mar/mar 1997 (07.03.1997)** (33) US
(31) 60/040,132 (32) **7 Mar/mar 1997 (07.03.1997)** (33) US
(31) 60/040,159 (32) **7 Mar/mar 1997 (07.03.1997)** (33) US
(31) 60/040,335 (32) **7 Mar/mar 1997 (07.03.1997)** (33) US

- (31) 60/040,628 (32) **7 Mar/mar 1997** (33) US
(07.03.1997)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01L 29/47
- (54) PATTERNS OF ELECTRICALLY CONDUCTING POLYMERS AND THEIR APPLICATION AS ELECTRODES OR ELECTRICAL CONTACTS
MOTIFS DE POLYMERES ELECTROCONDUCTEURS ET LEURS APPLICATIONS COMME ELECTRODES OU CONTACTS ELECTRIQUES
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; Old Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANGELOPOULOS, Marie** [US/US]; 30 East Hill Road, Cortlandt Manor, NY 10566 (US).
DIMITRAKOPOULOS, Christos, Dimitrios [GR/US]; 791 Lake Street, West Harrison, NY 10604-1606 (US).
FURMAN, Bruce, Kenneth [US/US]; 66 Greenwood Drive, Beacon, NY 12508 (US).
GRAHAM, Teresita, Ordenez [US/US]; 4 Center Street, Irvington, NY 10533 (US).
LIEN, Shui-Chih, Alan [US/US]; 19 Pea Pond Lane, Briarcliff Manor, NY 10510 (US).
- (74) **MORRIS, Daniel, P.**; IBM Corporation, Intellectual Property Law Dept., P.O. Box 218, Yorktown Heights, NY 10598 (US).
- (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 98/21756** (13) A1
- (21) PCT/EP96/04947
- (22) **12 Nov/nov 1996 (12.11.1996)**
- (25) de (26) de
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01L 31/113, G01P 15/12
- (54) SENSOR ELEMENT
ELEMENT DE DETECTION
- (71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASLAM, Amer** [DE/DE]; Franzstrasse 21, D-47198 Duisburg (DE).
HOSTICKA, Bedrich [DE/DE]; Zieglerstrasse 27, D-47058 Duisburg (DE).
BROCKHERDE, Werner [DE/DE]; Bockumer Weg 6, D-47259 Duisburg (DE).
SCHANZ, Michael [DE/DE]; Johann-Schäfer-Strasse 35 A, D-46047 Oberhausen (DE).
- (74) **SCHOPPE, Fritz**; P.O. Box 71 08 67, D-81458 München (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 98/21757** (13) A1
- (21) PCT/GB97/03053
- (22) **6 Nov/nov 1997 (06.11.1997)**
- (25) en (26) en
- (31) 9623704.5 (32) **14 Nov/nov 1996** (33) GB
(14.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01L 31/113
- (54) INFRA-RED DETECTOR
DETECTEUR INFRAROUGE
- (71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation & Research Agency, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANTHONY, Carl, John** [GB/GB]; Defence Evaluation and Research Agency, St. Andrews Road, Great Malvern, Worcs. WR14 3PS (GB).
BRUNSON, Kevin, Michael [GB/GB]; Defence Evaluation and Research Agency, St. Andrews Road, Great Malvern, Worcs. WR14 3PS (GB).
ELLIOTT, Charles, Thomas [GB/GB]; Defence Evaluation and Research Agency, St. Andrews Road, Great Malvern, Worcs. WR14 3PS (GB).
GORDON, Neil, Thomson [GB/GB]; Defence Evaluation and Research Agency, St. Andrews Road, Great Malvern, Worcs. WR14 3PS (GB).
PHILLIPS, Timothy, Jonathan [GB/GB]; Defence Evaluation and Research Agency, St. Andrews Road, Great Malvern, Worcs. WR14 3PS (GB).
UREN, Michael, John [GB/GB]; Defence Evaluation and Research Agency, St. Andrews Road, Great Malvern, Worcs. WR14 3PS (GB).
- (74) **SKELTON, S., R.** et al. / etc.; D/IPR, Formalities Section, Poplar 2, MOD Abbey Wood #19, Bristol BS34 8JH (GB).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21758** (13) A2
- (21) PCT/EP97/06004
- (22) **30 Oct/oct 1997 (30.10.1997)**
- (25) de (26) de
- (31) 196 46 119.7 (32) **8 Nov/nov 1996** (33) DE
(08.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01L 33/00
- (54) ELECTROLUMINESCENT DEVICE MADE OF ORGANIC MATERIAL
DISPOSITIF ELECTROLUMINESCENT CONSTITUE DE MATERIAU ORGANIQUE
- (71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
- (72) **SPREITZER, Hubert**; Inselsbergstrasse 10, D-65926 Frankfurt (DE).
LUPO, Donald; Waldschmidtstrasse 7, D-60316 Frankfurt (DE).
SCHENK, Hermann; Breckenheimer Strasse 32, D-65719 Hofheim (DE).
YU, Nu; Usinger Strasse 39, D-61440 Oberursel (DE).
- (81) CA CN JP KR MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21759** (13) A1
- (21) PCT/EP97/06266
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) de (26) de
- (31) 196 46 511.7 (32) **12 Nov/nov 1996** (33) DE
(12.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01L 41/083
- (54) PIEZO-ELECTRIC DRIVING OR ADJUSTING ELEMENT
ELEMENT D'ENTRAINEMENT OU DE REGLAGE PIEZO-ELECTRIQUE
- (71) **MARCO SYSTEMANALYSE UND ENTWICKLUNG GMBH** [DE/DE]; Hans-Böckler-Strasse 2, D-85221 Dachau (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REUTER, Martin** [DE/DE]; Gröbenriederstrasse 12, D-85221 Dachau (DE).
- (74) **PFEIFFER, Rolf-Gerd**; Patentanwaltsbüro Pfeiffer & Partner, Helmholtzweg 4, D-07743 Jena (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21760** (13) A1
- (21) PCT/US97/20145
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) en (26) en
- (31) 08/747,140 (32) **12 Nov/nov 1996** (33) US
(12.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01L 41/09, B60J 1/17
- (54) ROTARY PIEZOELECTRIC MOTOR FOR VEHICLE APPLICATIONS
MOTEUR PIEZO-ELECTRIQUE ROTATIF POUR DES APPLICATIONS AUTOMOBILES
- (71) **MERITOR LIGHT VEHICLE SYSTEMS, INC.** [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).
- (72) **OLIVER, John, R.**; 3925 Camphor Avenue, Newbury Park, CA 91320 (US).
NEURGAONKAR, Ratnaker, R.; 3325 Rainbow Creek Circle, Thousand Oaks, CA 91360 (US).
NELSON, Jeffrey, G.; 3066 Apache Circle, Thousand Oaks, CA 91360 (US).
BERTOLINI, Carlo; 3, domaine de L'Abbaye, F-78810 Feucherolles (FR).
- (74) **SLENZAK, Laura, M.**; Meritor Light Vehicle Systems, Inc., 2135 West Maple Road, Troy, MI 48084 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21761** (13) A1
- (21) PCT/US97/20147
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) en (26) en
- (31) 08/747,138 (32) **12 Nov/nov 1996** (33) US
(12.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01L 41/09, B60J 1/17
- (54) MOVING LINEAR PIEZOELECTRIC MOTOR FOR VEHICLE APPLICATIONS
MOTEUR PIEZO-ELECTRIQUE LINEAIRE D'ACTIONNEMENT POUR DES APPLICATIONS AUTOMOBILES
- (71) **MERITOR LIGHT VEHICLE SYSTEMS, INC.** [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).
- (72) **OLIVER, John, R.**; 3925 Camphor Avenue, Newbury Park, CA 91320 (US).
NEURGAONKAR, Ratnaker, R.; 3325 Rainbow Creek Circle, Thousand Oaks, CA 91360 (US).
NELSON, Jeffrey, G.; 3066 Apache Circle, Thousand Oaks, CA 91360 (US).
BERTOLINI, Carlo; 3, domaine de l'Abbaye, F-78810 Feucherolles (FR).
- (74) **SLENZAK, Laura, M.**; Meritor Light Vehicle Systems, Inc., 2135 West Maple Road, Troy, MI 48084 (US).

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

Published / Publiée : (c)

(11) **WO 98/21762** (13) A1

(21) PCT/RU97/00321

(22) **10 Oct/oct 1997 (10.10.1997)**

(25) ru (26) ru

(31) 96121974 (32) **14 Nov/nov 1996 (14.11.1996)** (33) RU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L 41/12, H02N 2/02

(54) METHOD OF COMMAND BY MAGNETOMECHANICAL TRANSDUCER
METHODE DE COMMANDE D'UN TRANSDUCTEUR MAGNETO-MECANIQUE

(71, 72) **TSODIKOV, Sergei Fridrikhovich** [RU/RU]; ul. Dokukina, 3-1-151, Moscow, 129226 (RU). **RAKHOVSKY, Vadim Izrailovich** [RU/RU]; B. Konyushkovsky per., 27a-17, Moscow, 123242 (RU). **CHEGLAKOV, Andrei Valerievich** [RU/RU]; Zvenigorodskoe shosse, 13-60, Moscow, 123022 (RU).

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

(11) **WO 98/21763** (13) A1

(21) PCT/RU97/00346

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) ru (26) ru

(31) 96121973 (32) **14 Nov/nov 1996 (14.11.1996)** (33) RU

(31) 97115699 (32) **25 Sep/sep 1997 (25.09.1997)** (33) RU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L 41/12, H02N 2/02

(54) MAGNETO-MECHANICAL CONVERTER AND METHOD FOR CONTROLLING THE SAME
CONVERTISSEUR MAGNETO-MECANIQUE ET PROCEDE DE COMMANDE DE CE CONVERTISSEUR

(71, 72) **TSODIKOV, Sergei Fridrikhovich** [RU/RU]; ul. Dokukina, 3-1-151, Moscow, 129226 (RU). **RAKHOVSKY, Vadim Izrailovich** [RU/RU]; B. Konushkovsky per., 27a-17, Moscow, 123242 (RU). **CHEGLAKOV, Andrei Valerievich** [RU/RU]; Zvenigorodskoe shosse, 13-60, Moscow, 123022 (RU).

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

(11) **WO 98/21764** (13) A1

(21) PCT/EP97/06050

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) de (26) de

(31) 196 46 411.0 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01L 51/30, 31/09, G01J 1/42

(54) RADIATION DETECTOR
DETECTEUR DE RAYONNEMENT

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brünningstrasse 50, D-65929 Frankfurt am Main (DE).

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

(72, 75) **SALBECK, Josef** [DE/DE]; Am Flachland 56, D-65779 Kelkheim (DE). **GRÄTZEL, Michael** [DE/CH]; 7a, rue du Marquisat, CH-1015 St.-Sulpice (CH).

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

Published / Publiée : (c)

(11) **WO 98/21765** (13) A1

(21) PCT/US97/21179

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/745,453 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 2/08, 2/04, C09K 3/10

(54) SEALANT COMPOSITION, CELL AND BATTERY COVER, AND CELL AND BATTERY PREPARED THEREWITH
COMPOSITION DE MATERIAU D'ETANCHEITE, COUVERCLE DE PILE ET D'ACCUMULATEUR ET PILE ET ACCUMULATEUR DOTES DE CE COUVERCLE

(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) **RUSCHAU, Pamela, J.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).

(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).

Published / Publiée : (c)

(11) **WO 98/21766** (13) A1

(21) PCT/US97/20445

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/030,854 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 2/12, 10/52

(54) THE USE OF CATALYSTS IN STANDBY VALVE-REGULATED LEAD ACID CELLS
UTILISATION DE CATALYSEURS DANS DES ELEMENTS D'ACCUMULATEUR DE SECOURS AU PLOMB-ACIDE A REGULATION PAR VALVE

(63) US 60/030,854 (CIP)
12 Nov/nov 1996 (12.11.1996)

(71, 72) **JONES, William, E., M.** [GB/US]; 11 Jackladder Circle, Horsham, PA 19044 (US).

(74) **BARRON, Alexis** et al. / etc.; Synnvestvedt & Lechner, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).

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

(11) **WO 98/21767** (13) A2

(21) PCT/US97/20163

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 60/030,786 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 4/00

(54) METAL FOAM FOR SECONDARY BATTERY ELECTRODE
MOUSSE METALLIQUE POUR ELECTRODE D'ACCUMULATEUR ELECTRIQUE

(71) **ELTECH SYSTEMS CORPORATION** [US/US]; Suite 300, 100 Seventh Avenue, Chardon, OH 44024 (US).

(72) **SACCO, Anthony, R.**; 7383 Lauren J. Drive, Mentor, OH 44060 (US). **CAHILL, Michael, F.**; 7408 Cadle Avenue, Mentor, OH 44060 (US). **GIBBONS, Daniel, W.**; 7870 Hidden Hollow Drive, Mentor, OH 44060 (US). **SHAW, Greg, S.**; 2353 Charney Road, University Heights, OH 44118 (US).

(74) **FREER, John, J.** et al. / etc.; Eltech Research, 625 East Street, Fairport Harbor, OH 44077 (US).

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

(11) **WO 98/21768** (13) A1

(21) PCT/FR97/02019

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) fr (26) fr

(31) 96/13732 (32) **12 Nov/nov 1996 (12.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 4/66, 10/04, 10/40

(54) CURRENT COLLECTOR FOR POSITIVE ELECTRODE AND OPTIONALLY FOR NEGATIVE ELECTRODE FOR A MULTILAYER ELECTROCHEMICAL ASSEMBLY AND FOR WINDING THUS OBTAINED
COLLECTEUR DE COURANT POUR ELECTRODE POSITIVE ET EVENTUELLEMENT ELECTRODE NEGATIVE POUR UN ENSEMBLE ELECTROCHIMIQUE MULTICOUCHE ET POUR BOBINAGE AINSI OBTENU

(71) **ELECTRICITE DE FRANCE (SERVICE NATIONAL)** [FR/FR]; 2, rue Louis-Murat, F-75008 Paris (FR). **BOLLORE TECHNOLOGIES** [FR/FR]; Odet, F-29000 Quimper (FR). **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUDRY, Paul** [FR/FR]; 12 bis, chemin de la Fontaine, F-77250 Veneux-lès-Sablons (FR). **BLOCH, Didier** [FR/FR]; 348, chemin du Moucheron, F-38330 Saint Ismier (FR). **LASCAUD, Stéphane** [FR/FR]; 25, rue des Sablons, F-77300 Fontainebleau (FR). **MAJASTRE, Hervé** [FR/FR]; 18, rue Astor, F-29000 Quimper (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

(11) **WO 98/21769** (13) A1

(21) PCT/RU97/00159

(22) **23 May/mai 1997 (23.05.1997)**

(25) ru (26) ru

(31) PCT/RU96/00319 (32) **11 Nov/nov 1996 (11.11.1996)** (33) WO

(34) RU et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 4/88, 8/10, 8/12

(54) METHOD FOR MANUFACTURING A SINGLE UNIT HIGH TEMPERATURE FUEL CELL AND ITS COMPONENTS: A CATHODE, AN ELECTROLYTE, AN ANODE, A CURRENT CONDUCTOR, AND INTERFACE AND INSULATING LAYERS
MODE DE FABRICATION D'UNE PILE ISOLEE A COMBUSTIBLE HAUTE TEMPERATURE ET DE SES COMPOSANTS: CATHODE, ANODE, PASSAGE DE COURANT, COUCHES D'ISOLATION ELECTRIQUE ET D'INTERFACE, ET DE L'ELECTROLYTE

(71) **GORINA, Liliya Fedorovna** [RU/RU]; Volgogradsky prospekt, 140-2-26, Moscow, 109439 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEVASTYANOV, Vladimir Vladimirovich** [RU/RU]; ul. Luganskaya, 3-26-270, Moscow, 115541 (RU). **MOROZOV, Vladimir Valentinovich** [RU/RU]; ul. Kustanaiskaya, 5-3-503, Moscow, 115682 (RU). **NIKITIN, Sergei Vasilievich** [RU/RU]; ul. Marshala Zakharova, 17-1-135, Moscow, 115569 (RU). **LIPILIN, Alexandr Sergeevich** [RU/RU]; ul. Volgogradskaya, 45-67, g.Ekaterinburg, 620146 (RU). **RODIONOV, Igor Vladimirovich** [RU/RU]; ul. Moskovskaya, 3a-16, g.Ljubertsy, Moskovskaya obl., 140011 (RU). **SEVASTYANOV, Alexandr Vladimirovich** [RU/RU]; ul. Ivana Babushkina, 12-2-55, Moscow, 117292 (RU). **YATLUK, Jury Grigorievich** [RU/RU]; Teplokhodnyi proezd, 7-132, g.Ekaterinburg, 620141 (RU).

(81) AU BR CA CN CZ JP KR MG MX NO RU SD SG SI 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 98/21770** (13) A1

(21) PCT/GB97/03023

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 9623327.5 (32) **8 Nov/nov 1996 (08.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 8/04, 8/06, 8/24

(54) ELECTRIC POWER GENERATION SYSTEM INCLUDING FUEL CELLS
SYSTEME DE PRODUCTION D'ENERGIE ELECTRIQUE COMPRENANT DES PILES A COMBUSTIBLE

(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) **FELLOWS, Richard, Griffith** [GB/GB]; 77 Leopold Street, Loughborough, Leicestershire LE11 5DN (GB).

(74) **KINRADE, John**; BG plc, Intellectual Property Dept., 100 Thames Valley Park, Reading, Berkshire RG6 1PT (GB).

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

(11) **WO 98/21771** (13) A1

(21) PCT/NL97/00620

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 1004513 (32) **13 Nov/nov 1996 (13.11.1996)** (33) NL

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 8/04, 8/06

(54) REACTANT FLOW ARRANGEMENT OF A POWER SYSTEM OF SEVERAL INTERNAL REFORMING FUEL CELL STACKS
AGENCEMENT D'ECOULEMENT DE REACTIF DESTINE A UN SYSTEME D'ENERGIE PRESENTANT PLUSIEURS EMPLEMENTS INTERIEURS DE PILES A COMBUSTIBLE

(71) **STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND** [NL/NL]; Westerduinweg 3, NL-1755 LE Petten (NL). **BRITISH GAS PLC** [GB/GB]; Rivermill House, 152 Grosvenor Road, London SW1 3JL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEKKER, Nicolaas, Jacobus, Joseph** [NL/NL]; Charlotte de Bourbonstraat 5-2, NL-1055 WN Amsterdam (NL). **FELLOWS, Richard, Griffith** [GB/GB]; 77 Leopold Street, Loughborough, Leics LE11 5DN (GB).

(74) **DE BRULIN, Leendert, C.**; Nederlandsch Octroibureau, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21772** (13) A1

(21) PCT/US97/03935

(22) **13 Mar/mar 1997 (13.03.1997)**

(25) en (26) en

(31) 08/748,701 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 8/04, 8/06, 8/00, F17C 1/00, 7/00, B01J 13/02

(54) STORAGE AND DELIVERY OF PRESSURIZED GASES IN MICROBUBBLES
STOCKAGE ET APPORT DE GAZ SOUS PRESSION DANS DES MICROBULLES

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

(72) **DEBE, Mark, K.**; 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 IL IS JP KE KG KP KR KZ 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 98/21773** (13) A1

(21) PCT/US97/20898

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 60/030,558 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 8/04

(54) FUEL CELL STACK ASSEMBLY
EMPILEMENT DE PILES A COMBUSTIBLE

(71) **DAIS CORPORATION** [US/US]; 4326 Clairidge Way, Palm Harbor, FL 34685 (US).

(72) **EHRENBERG, Scott, G.**; 32 Sandi Lane, Fishkill, NY 12524 (US). **JACKSON, Robert, J.**; R.R.3, Box 235, Millbrook, NY 12545 (US). **TANGREDI, Timothy, N.**; 4326 Clairidge Way, Palm Harbor, FL 34685 (US). **NEUTZLER, Jay, K.**; Apartment 104, 3204 Morning Glory Court, Palm Beach Gardens, FL 33410 (US).

(74) **MESITI, Nicholas** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203 (US).

(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 98/21774** (13) A1

(21) PCT/US97/21057

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,543 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 8/04

(54) POROUS CARBON BODY WITH INCREASED WETTABILITY BY WATER
CORPS EN CARBONE POREUX PRESENTANT UNE MOUILLABILITE AMELIOREE EN PRESENCE D'EAU

(71) **INTERNATIONAL FUEL CELLS CORPORATION** [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).

(72) **BETT, John, A., S.**; 10 Meadow Brook Road, Hamden, CT 06517-1432 (US). **WHEELER, Douglas, J.**; 355 Sugar Hill Road, Tolland, CT 06084 (US). **BUSHNELL, Calvin**; 1515 Main Street, Glastonbury, CT 06033 (US).

(74) **KELLY, Robert, H.**; Hamilton Standard, Intellectual Property Counsel, Patent Dept., One Hamilton Road, Mail Stop 1-2-AB24, Windsor Locks, CT 06096-1010 (US).

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

Published / Publiée : (c)

(11) **WO 98/21775** (13) A1

(21) PCT/DE97/02635

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 46 354.8 (32) **9 Nov/nov 1996 (09.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 8/06

(54) FUEL CELL WITH AN OXYGEN SUPPLY INTO THE FUEL PILE A COMBUSTIBLE AVEC APPORT D'OXYGENE DANS LE COMBUSTIBLE

(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) **PEINECKE, Volker** [DE/DE]; Plochinger Strasse 28, D-73730 Esslingen (DE).

(74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Rechts- und Patentabteilung, D-52425 Jülich (DE).

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

Published / Publiée : (c)

(11) **WO 98/21776** (13) A1

(21) PCT/DE97/02636

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 46 579.6 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 8/06, 8/12

(54) FUEL CELL WITH INTEGRATED REFORMER PILE A COMBUSTIBLE A REFORMEUR INTEGRE

(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) **RINGEL, Helmut** [DE/DE]; Mühlengraben 12, D-52382 Niederzier (DE).

(74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Rechts- und Patentabteilung, D-52425 Jülich (DE).

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

Published / Publiée : (c)

(11) **WO 98/21777** (13) A1

(21) PCT/DE97/02551

(22) **5 Nov/nov 1997 (05.11.1997)**

(25) de (26) de

(31) 196 46 487.0 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01M 8/10, 8/02

(54) FUEL CELL ELECTRODE-ELECTROLYTE UNIT
UNITE ELECTRODES-ELECTROLYTE POUR UNE PILE A COMBUSTIBLE

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; D-52425 Jülich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOHLE, Hendrik** [DE/DE]; Cäcilienstrasse 53 a, D-52249 Eschweiler (DE). **PEINECKE, Volker** [DE/DE]; Plochinger Strasse 28, D-73730 Esslingen (DE). **BUSENBENDER, Ilona** [DE/DE]; Hubertusstrasse 43, D-52064 Aachen (DE). **KELS, Thorsten** [DE/DE]; Mühlenend 15, D-52428 Jülich (DE).

(74) **KÖNIG, Werner, E.**; Habsburgerallee 23-25, D-52064 Aachen (DE).

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

Published / Publiée : (c)

(11) **WO 98/21778** (13) A1

(21) PCT/SE97/01753

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

(25) en (26) en

(31) 9604096-9 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01Q 1/24

(54) A FIELD CONTROLLED RESONATOR
RESONATEUR A COMMANDE DU CHAMP D'EXCITATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **CASSEL, Erland**; Sveastigen 7, S-182 62 Djursholm (SE). **CASSEL, Jan**; Sveastigen 7, S-182 62 Djursholm (SE).

(74) **HEDMAN, Anders** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21779** (13) A1

(21) PCT/US97/20143

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,627 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01Q 7/08, 11/10, H01P 1/18, 9/00

(54) ELECTRICALLY VARIABLE BEAM TILT ANTENNA
ANTENNE A COMMANDE ELECTRIQUE DE L'INCLINAISON DU FAISCEAU

(71) **ALLEN TELECOM INC.** [US/US]; 30500 Bruce Industrial Parkway, Solon, OH 44139-3996 (US).

(72) **HUYNH, Tan, D.**; 2809 Naples Drive, Hurst, TX 76054 (US). **MAILANDT, Peter**; 5502 Golf Drive, Dallas, TX 75205 (US).

(74) **SUTKER, Marshall, W.**; Laff, Whitesel, Conte & Saret, Ltd., Suite 1700, 401 N. Michigan Avenue, Chicago, IL 60611-4212 (US).

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

Published / Publiée : (c)

(11) **WO 98/21780** (13) A2

(21) PCT/DE97/02642

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) de (26) de

(31) 196 46 431.5 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01R 4/00, H01L 21/603, 21/607

(54) A CONNECTION BETWEEN TWO CONTACTS AND A PROCESS FOR PRODUCING SUCH A CONNECTION
CONNEXION ENTRE DEUX SURFACES DE CONTACT ET PROCEDE PERMETTANT DE REALISER UNE CONNEXION DE CE TYPE

(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) **HAGEN, Robert** [DE/DE]; Am Hölzl 5, D-93092 Barbing (DE). **GOLLER, Bernd** [DE/DE]; Alte Amberger Strasse 2, D-95478 Kennath (DE).

(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 98/21781** (13) A1

(21) PCT/EP97/06176

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 46 287.8 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01R 4/04

(54) FLUID WITH MULTIPLE ELECTROCONDUCTIVE SURFACE PARTICLES
FLUIDE CONTENANT PLUSIEURS PARTICULES AYANT UNE SURFACE ELECTRIQUEMENT CONDUCTRICE

(71) **OPTREX EUROPE GMBH** [DE/DE]; Seligenstädter Strasse 40, D-64832 Babenhausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HABERZETTL, Heinz** [DE/DE]; Habichtweg 5, D-63322 Rödermark (DE).

(74) **KLEIN, Thomas**; Sodener Strasse 9, D-65824 Schwalbach (DE).

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

Published / Publiée : (c)

(11) **WO 98/21782** (13) A1

(21) PCT/DE97/02596

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de
 (31) 296 19 475.1 (32) **11 Nov/nov 1996** (33) DE
 (11.11.1996)
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ H01R 4/64, H05K 7/14 // 9/00

(54) SUB-RACK FOR CIRCUIT BOARDS WITH CENTRAL CROSS-TRACKS BATI ELECTRONIQUE POUR CARTES DE CIRCUITS AVEC RAILS TRANSVERSAUX CENTRAUX

(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) **KURRER, Siegfried** [DE/DE]; Im Lindenhain 4, D-90449 Nürnberg (DE). **BILLENSTEIN, Ernst** [DE/DE]; Schwebheim Hauptstrasse 43, D-91593 Burgbernheim (DE). **SCHAFFER, Kurt-Michael** [DE/DE]; Mausees 6, D-90542 Eckental (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).

Published / Publiée : (c)

(11) **WO 98/21783** (13) A1

(21) PCT/US97/20725

(22) **13 Nov/nov 1997** (13.11.1997)

(25) en (26) en

(31) 60/030,808 (32) **14 Nov/nov 1996** (33) US
 (14.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01R 9/05, 17/04

(54) POWER BYPASS CONNECTOR CONNECTEUR DE DERIVATION D'ALIMENTATION

(71) **THOMAS & BETTS INTERNATIONAL, INC.** [US/US]; 250 Lillard Drive, Sparks, NV 89431 (US).

(72) **STABLE, David, J.**; P.O. Box 323, Horseheads, NY 14845 (US). **HOPPER, Scott, R.**; 26025 147th Place, Kent, WA 98032 (US).

(74) **SCHURGIN, Stanley, M.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

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

(11) **WO 98/21784** (13) A1

(21) PCT/US97/20497

(22) **11 Nov/nov 1997** (11.11.1997)

(25) en (26) en

(31) 8/315469 (32) **12 Nov/nov 1996** (33) JP
 (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01R 13/432

(54) ELECTRICAL CONTACT CONTACT ELECTRIQUE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Toru** [JP/JP]; Green Heights 106, 2-4-10, Suge-kitaura, Tama-ku, Kawasaki, Kanagawa 214 (JP).

(74) **NESS, Anton, P.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH 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 98/21785** (13) A1

(21) PCT/NO97/00301

(22) **13 Nov/nov 1997** (13.11.1997)

(25) en (26) en

(31) 964821 (32) **13 Nov/nov 1996** (33) NO
 (13.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01R 13/523, 3/00, H02G 15/14

(54) A COUPLING- AND SWITCH SYSTEM FOR SUBSEA ELECTRICAL POWER DISTRIBUTION SYSTEME DE COUPLAGE ET DE COMMUTATION DESTINE A UNE DISTRIBUTION D'ENERGIE ELECTRIQUE SOUS-MARINE

(71) **ABB OFFSHORE TECHNOLOGY AS** [NO/NO]; Bergerveien 12, N-1361 Billingstad (NO).

(72) **ØSTERGAARD, Inge**; Øvre Gjellumv. 52, N-1380 Heggedal (NO). **NYSVEEN, Arne**; Vassbunnvn. 12, N-1374 Borgen (NO).

(74) **OLSEN, Svein, Arne**; Bryn & Aarflot a/s, P.O. Box 449, Sentrum, N-0104 Oslo (NO).

(81) AU BR GB.

(11) **WO 98/21786** (13) A1

(21) PCT/FR97/01961

(22) **3 Nov/nov 1997** (03.11.1997)

(25) fr (26) fr

(31) 96/13897 (32) **14 Nov/nov 1996** (33) FR
 (14.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01R 13/53

(54) HIGH VOLTAGE ASSEMBLY WITH SEPARABLE ELEMENTS ENSEMBLE A HAUTE TENSION A ELEMENTS SEPARABLES

(71) **GE MEDICAL SYSTEMS S.A.** [FR/FR]; 282, rue de la Minière, F-78533 Buc Cedex (FR).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JEDLITSCHKA, Hans** [FR/FR]; 110, rue P. Brossolette, F-92320 Chatillon (FR). **SIREUL, Jacques** [FR/FR]; 20, rue Chateaubriand, F-91320 Wissous (FR). **LEPENNEC, Xavier** [FR/FR]; 4, square Jean Cocteau, F-78190 Trappes (FR). **BLOK, Alexander, M.** [US/US]; 9355 North Thrush Lane, Milwaukee, WI 53217 (US).

(74) **BUREAU D.A. CASALONGA-JOSSE**; 8, avenue Percier, F-75008 Paris (FR).

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

(11) **WO 98/21787** (13) A1

(21) PCT/EP97/06206

(22) **7 Nov/nov 1997** (07.11.1997)

(25) de (26) de

(31) 196 46 072.7 (32) **8 Nov/nov 1996** (33) DE
 (08.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01S 3/02, 3/109, 3/0941

(54) DIODE-PUMPED DOUBLE FREQUENCY SOLID STATE LASER LASER SOLIDE A FREQUENCE DOUBLEE ET A POMPAGE PAR DIODE

(71) **DAIMLER-BENZ AG** [DE/DE]; Epplestrasse 225, D-70546 Stuttgart (DE).
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMITT, Nikolaus** [DE/DE]; Hohenzollernstrasse 152, D-80797 München (DE). **TOESKO, Günter** [DE/DE]; Joseph-Haydn-Strasse 1a, D-96317 Kronach (DE). **REITHMEIER, Günter** [DE/DE]; Kirchweg Nr. 7, D-85640 Putzbrunn (DE). **SCHALK, Josef** [DE/DE]; Am Anger 19 a, D-84051 Altheim (DE).

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

Published / Publiée : (c)

(11) **WO 98/21788** (13) A1

(21) PCT/US97/20131

(22) **6 Nov/nov 1997** (06.11.1997)

(25) en (26) en

(31) 08/745,510 (32) **12 Nov/nov 1996** (33) US
 (12.11.1996)

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H01S 3/09

(54) GRATING COUPLING FREE ELECTRON LASER APPARATUS AND METHOD RESEAU DE DIFFRACTION DE COUPLAGE D'APPAREIL LASER A ELECTRONS LIBRES ET PROCEDE CORRESPONDANT

(71) **TRUSTEES OF DARTMOUTH COLLEGE** [US/US]; 11 Rope Ferry Road, Hanover, NH 03755 (US).

(72) **WALSH, John, E.**; Main Street, Box 264, Bradford, VT 05033 (US).

(74) **LIEPMANN, W., Hugo** 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 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 98/21789** (13) A1

(21) PCT/RU97/00356

(22) **12 Nov/nov 1997** (12.11.1997)

(25) ru (26) ru

(31) 96121895 (32) **12 Nov/nov 1996** (33) RU
 (12.11.1996)

- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01S 3/097, 3/03, H05H 1/24
- (54) DEVICE FOR CREATING A THREE-DIMENSIONAL SELF-MAINTAINED DISCHARGE
DISPOSITIF DE CREATION D'UNE DECHARGE AUTONOME EN TROIS DIMENSIONS
- (71, 72) **LAZHINTSEV, Boris Vasilievich** [RU/RU]; ul. Moskovskaya, 18-1-29, Nizhegorodskaya obl., Sarov, 607190 (RU). **NOR-AREVYAN, Vladimir Andreevich** [RU/RU]; ul. Shevchenko, 28-15, Nizhegorodskaya obl., Sarov, 607190 (RU).
- (81) IL JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21790** (13) A1
- (21) PCT/EP97/06204
- (22) **7 Nov/nov 1997 (07.11.1997)**
- (25) de (26) de
- (31) 196 46 073.5 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01S 3/109
- (54) METHOD FOR REDUCING NOISE AMPLITUDE OF SOLID STATE LASERS WITH AN INTERNAL RESONATOR FREQUENCY DOUBLER
PROCEDE POUR REDUIRE L'AMPLITUDE DE BRUIT DE LASERS A SOLIDE AYANT UN DOUBLEUR DE FREQUENCE INTERNE AU RESONATEUR
- (71) **DAIMLER-BENZ AG** [DE/DE]; Epplestrasse 225, D-70546 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHMITT, Nikolaus** [DE/DE]; Hohenzollerstrasse 152, D-80797 München (DE). **SCHALK, Josef** [DE/DE]; Am Anger 19 a, D-84051 Altheim (DE). **TOESKO, Günter** [DE/DE]; Joseph-Haydn-Strasse 1a, D-96317 Kronach (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21791** (13) A1
- (21) PCT/IL97/00363
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) en (26) en
- (31) 119613 (32) **14 Nov/nov 1996 (14.11.1996)** (33) IL
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H01T 19/04, 23/00
- (54) METHOD AND DEVICE FOR ION GENERATION
PROCEDE ET DISPOSITIF UTILISES POUR PRODUIRE DES IONS
- (71, 72) **RISKIN, Yefim** [IL/IL]; P.O. Box 4787, 12900 Katzrin (IL).
- (74) **BEN-DAVID, Yirmiyahu, M.**; Jeremy M. Ben-David & Co., Har Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 Jerusalem (IL).
- (81) AU CA CN JP SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21792** (13) A2
- (21) PCT/IB97/01637
- (22) **14 Nov/nov 1997 (14.11.1997)**
- (25) en (26) en
- (31) 60/031.000 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H02B
- (54) POWER DISTRIBUTION CONTROL SYSTEM
SYSTEME DE COMMANDE DE DISTRIBUTION D'ENERGIE
- (71, 72) **ROSEN, Paul, A.** [US/US]; 2999 Dutton Avenue, Santa Rosa, CA 95407 (US).
- (74) **JOHNSON, Larry, D.**; Suite 130, 175 N. Redwood Drive, San Rafael, CA 94903 (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 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 98/21793** (13) A1
- (21) PCT/EP97/05063
- (22) **16 Sep/sep 1997 (16.09.1997)**
- (25) de (26) de
- (31) 196 46 858.2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE
- (31) 197 16 232.0 (32) **18 Apr/avr 1997 (18.04.1997)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H02G 3/04
- (54) FLEXIBLE HOSE-TYPE COVERING
GAINE TUBULAIRE SOUPLE
- (71) **ZIPPER-TECHNIK GMBH** [DE/DE]; Werner-von-Braun-Strasse 3, D-63263 Neu-Isenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOLLHARDT, Friedrich, H.** [DE/DE]; Wilhelm-Leuschner-Strasse 83, D-63263 Neu-Isenburg (DE).
- (74) **SELTING, Günther** et al. / etc.; Deichmannhaus am Dom, D-50667 Köln (DE).
- (81) BR CN JP TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/21794** (13) A1
- (21) PCT/EP97/06023
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) MI96A002324 (32) **8 Nov/nov 1996 (08.11.1996)** (33) IT
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H02G 7/02
- (54) DEVICE FOR COMPENSATING VARIATIONS IN THE LENGTH OF TENSIONED CABLES, WITH SUBSTANTIALLY CONSTANT TRACTION
- DISPOSITIF POUR COMPENSER DES VARIATIONS DE LONGUEUR D'UN CABLE TENDU PAR LE MAINTIEN D'UNE TRACTION SENSIBLEMENT CONSTANTE
- (71) **PFISTERER S.R.L.** [IT/IT]; Via Pacinotti, 31, I-20094 Corsico (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NANNINI, Osvaldo** [IT/IT]; Via Arzaga, 24, I-20146 Milano (IT).
- (74) **MODIANO & ASSOCIATI**; Via Meravigli, 16, I-20123 Milano (IT).
- (81) CA CN 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 98/21795** (13) A1
- (21) PCT/US97/02783
- (22) **12 Feb/fév 1997 (12.02.1997)**
- (25) en (26) en
- (31) 08/747,132 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H02G 15/013
- (54) WRAP TYPE CABLE CLOSURE END SEAL
OBTURATEUR DE GAINE D'EPISSURE DU TYPE ENVELOPPANT
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SMITH, Russell, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **CHERNIVEC, Gerald, F.** 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 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 YU; AP (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 98/21796** (13) A1
- (21) PCT/US97/03440
- (22) **5 Mar/mar 1997 (05.03.1997)**
- (25) en (26) en
- (31) 08/749,857 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H02G 15/013, 15/18
- (54) SEALED CLOSURE WITH SUPPORT CORE SYSTEMS AND METHODS
SYSTEMES ET PROCEDES POUR OBTURATION ETANCHE AVEC NOYAU DE SUPPORT
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **CROFT, Thomas, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **COSMAN, Armond, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **FULMER, John**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **JACKSON, Jerry, Don**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **ALLEN, William, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **CHERNIVEC, Gerald, F.** 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 BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH 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 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 98/21797** (13) A1

(21) PCT/US97/03441

(22) **5 Mar/mar 1997 (05.03.1997)**

(25) en (26) en

(31) 08/751,148 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02G 15/013, 15/18

(54) INSERT PARTS FOR SEALED CLOSURE BONDING ELEMENTS D'INSERTION POUR LIAISON D'OBTURATIONS ETANCHES

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

(72) **CROFT, Thomas, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **COSMAN, Armond, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MILLER, James, R.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **CHERNIVEC, Gerald, F.** 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 BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH 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 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 98/21798** (13) A1

(21) PCT/US97/03603

(22) **5 Mar/mar 1997 (05.03.1997)**

(25) en (26) en

(31) 08/751,138 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02G 15/013, 15/192

(54) BONDED SEALED CLOSURE SYSTEMS AND METHODS SYSTEMES ET PROCESSES POUR OBTURATION ETANCHE PAR ADHESION

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

(72) **COSMAN, Armond, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **CROFT, Thomas, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **CRABBE, Burton, Clay**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **CHERNIVEC, Gerald, F.** 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 BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH 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 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 98/21799** (13) A1

(21) PCT/US97/04047

(22) **12 Mar/mar 1997 (12.03.1997)**

(25) en (26) en

(31) 08/747,707 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02G 15/013

(54) CLAMP TYPE CABLE CLOSURE END SEAL JOINT D'OBTURATEUR DE CABLES POUR OBTURATION DE TYPE PINCE

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

(72) **MILLER, James, R.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **CHERNIVEC, Gerald, F.** 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 98/21800** (13) A1

(21) PCT/US97/03398

(22) **5 Mar/mar 1997 (05.03.1997)**

(25) en (26) en

(31) 08/748,316 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02G 15/113

(54) GROOVED SEAM SEAL FOR CABLE SPLICE CLOSURE JOINT RAINÉ POUR GAINÉ D'ÉPISSURE DE CABLE

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

(72) **ALLEN, William, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **CROFT, Thomas, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **CHERNIVEC, Gerald, F.** 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 BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH 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 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 98/21801** (13) A1

(21) PCT/US97/03399

(22) **5 Mar/mar 1997 (05.03.1997)**

(25) en (26) en

(31) 08/749,869 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02G 15/18, 15/013, 15/113

(54) COMPOSITE MATERIAL SPLICE CLOSURE FOR ELECTRICAL CABLES GAINÉ D'ÉPISSURE EN MATÉRIAU COMPOSITE POUR CABLES ÉLECTRIQUES

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

(72) **ALLEN, William, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SMITH, Russell, P.**; P.O. Box 33427, Saint Paul, MN 55144-3427 (US).

(74) **CHERNIVEC, Gerald, F.** 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 BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH 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 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 98/21802** (13) A1

(21) PCT/US97/03620

(22) **5 Mar/mar 1997 (05.03.1997)**

(25) en (26) en

(31) 08/748,849 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02G 15/18, 15/196, H01R 4/70

(54) HELICAL SPIRAL CLOSURE WITH BOND-LINE SEALING OBTURATION EN SPIRALE HELICOÏDALE AVEC JOINTS SCÉLÉS

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

(72) **ALARCON, Sergio, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **CHERNIVEC, Gerald, F.** 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 98/21803** (13) A2

(21) PCT/NZ97/00156

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 299756 (32) **14 Nov/nov 1996 (14.11.1996)** (33) NZ

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02J

(54) IMPROVEMENTS RELATING TO SIGNALLING IN ELECTRICITY DISTRIBUTION SYSTEMS PERFECTIONNEMENTS PORTANT SUR LA SIGNALISATION DANS DES SYSTEMES DE DISTRIBUTION D'ELECTRICITE

(71) **BRIAN TOLLEY CORPORATION LIMITED** [NZ/NZ]; Price Waterhouse Centre, 11 Church Street, Wellington (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOWANS, Dean, Syme** [NZ/NZ]; 78 Townsend Road, Miramar, Wellington (NZ). **YUILL, Andrew** [NZ/NZ]; 16a Thurlough Grove, Karori, Wellington (NZ).

(74) **CALHOUN, Douglas, D.** et al. / etc.; A. J. Park & Son, Huddart Parker Building, 6th floor, Post Office Square, P.O. Box 949, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21804** (13) A1

(21) PCT/HU96/00065

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02J 7/00

(54) METHOD AND ELECTRIC CIRCUIT FOR INCREASING THE LIFE OF STORAGE BATTERIES PROCEDE ET CIRCUIT ELECTRIQUE POUR ACCROITRE LA DUREE DE VIE DE BATTERIES D'ACCUMULATEURS

(71, 72) **KOLTAI, Lajos** [HU/HU]; Eperjes u. 64, H-1024 Budapest (HU). **SERES, Mihály** [HU/HU]; Bethlen Gábor út 43/a, H-1153 Budapest (HU). **UDVARHELYI, Gábor** [HU/HU]; Bánkut u. 51/b, H-1154 Budapest (HU).

(74) **UDVARHELYI, Gábor**; Bánkut u. 51/b, H-1154 Budapest (HU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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; AP (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 98/21805** (13) A1

(21) PCT/DE97/02265

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) de (26) de

(31) 196 46 043.3 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02J 7/14, B60R 16/02

(54) POWER SUPPLY SYSTEM SYSTEME D'ALIMENTATION ELECTRIQUE

(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) **STEFFAN, Bernhard** [DE/DE]; Meiereistrasse 25, D-71640 Ludwigsburg (DE).

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

(11) **WO 98/21806** (13) A2

(21) PCT/US97/19567

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 60/029,513 (32) **28 Oct/oct 1996 (28.10.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02K

(54) STATOR COIL LEAD TERMINATION METHOD AND APPARATUS PROCEDE ET APPAREIL DE TERMINAISON DE CONDUCTEURS DE BOBINE DE STATOR

(71) **GLOBE PRODUCTS INC.** [US/US]; 5051 Kirtledge Road, Huber Heights, OH 45424 (US).

(72) **NEWMAN, Lawrence, E.**; 5325 David Drive, Tipp City, OH 45371 (US).

(74) **DYBVIG, Roger, S.** et al. / etc.; 22 Green Street, Dayton, OH 45402 (US).

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

(11) **WO 98/21807** (13) A1

(21) PCT/US97/20247

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/745,725 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02K 7/106, 49/10, 11/00, B64D 47/04

(54) MAGNET BRAKE FREIN MAGNETIQUE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **AUSTIN, Keith, G.**; Apartment E, 3728 E. Patterson Road, Beavercreek, OH 45430 (US). **ERAZO, Jorge, G.**; 6410 Damson Drive, Clayton, OH 45315 (US). **KIRKPATRICK, Terence, D.**; 3885 Swisher Road, Urbana, OH 43078 (US). **GIFFEN, Robert, E.**; 1729 Rocky Pine Loop, Columbus, OH 43229 (US). **FORHAN, Michael, A.**; 102 Country Road, Urbana, OH 43078 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

Published / Publiée : (c)

(11) **WO 98/21808** (13) A1

(21) PCT/IB97/01629

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/748,165 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02K 9/10, 9/18, F28D 1/04, F28F 1/08, F28D 1/03

(54) DEVICE AND METHOD FOR COOLING A MOTOR DISPOSITIF ET PROCEDE POUR REFROIDIR UN MOTEUR

(71) **UNIFIN INTERNATIONAL, INC.** [CA/CA]; 1030 Clarke Side Road, London, Ontario N4A 4P4 (CA).

(72) **SHEERIN, Geoffrey, T.**; 821 Jalna Boulevard, London, Ontario N6E 2S2 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21809** (13) A1

(21) PCT/US97/17633

(22) **24 Sep/sep 1997 (24.09.1997)**

(25) en (26) en

(31) 08/746,698 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02K 15/00, 3/22, 3/50

(54) WATER-COOLED STATOR COIL END SEALING PROCESS PROCEDE D'ETANCHEIFICATION D'EXTREMITES DE BOBINAGES STATORIQUES REFROIDIS PAR EAU

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, 11 Stanwix Street, Pittsburgh, PA 15222 (US).

(72) **KILPATRICK, Neil, Leslie**; 641 Sailfish Road, Winter Springs, FL 32708 (US). **DAILEY, George, Franklin**; 536 Surfside Drive, Pittsburgh, PA 15239 (US).

(74) **DEPAUL, Louis, A.**; Westinghouse Electric Corporation, Law Dept., Westinghouse Building, 11 Stanwix Street, Pittsburgh, PA 15222-1384 (US).

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

- (11) **WO 98/21810** (13) A1
 (21) PCT/EP97/05520
 (22) **8 Oct/oct 1997 (08.10.1997)**
 (25) de (26) de
 (31) 196 46 771.3 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ H02K 41/02
 (54) OPTICAL POSITION-MEASUREMENT DEVICE
 DISPOSITIF DE MESURE DE POSITION OPTIQUE
 (71) **DR. JOHANNES HEIDENHAIN GMBH** [DE/DE]; Postfach 12 60, D-83292 Traunreut (DE).
 (72) **BRAASCH, Jan**; Steiner Strasse 13, D-83352 Altenmarkt (DE). **ALLGÄUER, Michael**; Kienbergstrasse 24, D-83371 Stein (DE). **CALLIMICHI, Christian**; Anger 25, D-83714 Miesbach (DE).
 (81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/21811** (13) A1
 (21) PCT/US97/21009
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 08/749,701 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ H02M 1/00, H02H 7/12
 (54) FAULT CONTROL CIRCUIT FOR SWITCHED POWER SUPPLY
 CIRCUIT DE DETECTION D'INCIDENT POUR ALIMENTATION A DECOUPAGE
 (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
 (72) **WILLIAMS, Kevin, Michael**; 6101 North Primrose Avenue, Indianapolis, IN 46220 (US). **GEORGE, John, Barrett**; 11408 Lakeshore Drive East, Carmel, IN 46033 (US).
 (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/21812** (13) A1
 (21) PCT/FR97/01982
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) fr (26) fr
 (31) 96/13993 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ H02M 3/00

- (54) METHOD FOR MOUNTING FROM MODULAR ELEMENTS A DIRECT VOLTAGE CONVERTER CAPABLE OF DIFFERENT CONFIGURATIONS AND RESULTING CONVERTER
 PROCEDE DE MONTAGE CONFIGURABLE D'UN CONVERTISSEUR DE TENSION CONTINUE A PARTIR D'ELEMENTS MODULAIRES ET CONVERTISSEUR AINSI OBTENU
 (71) **GAÏA CONVERTER** [FR/FR]; 10, rue du Gallus, F-33700 Mérignac (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BONILLA, Frédéric** [FR/FR]; 3, allée Philippe de Champagne, F-33700 Mérignac (FR). **MARCHAND, Philippe** [FR/FR]; 5, square des Bosquets, F-33700 Mérignac (FR). **HUILLET, Henri** [FR/FR]; 10, allée Puycalant, F-33700 Mérignac (FR). **BOISROND, Pascal** [FR/FR]; 15, rue Jean Baptiste Clément, F-33160 Saint Médard en Jalles (FR).
 (74) **THEBAULT, Jean-Louis**; Cabinet Thebault, 111, cours du Médoc, F-33300 Bordeaux (FR).
 (81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KE KG KP KR KZ LC 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 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 98/21813** (13) A1
 (21) PCT/US97/21008
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 08/749,750 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ H02M 3/335, H04N 5/63
 (54) AUXILIARY POWER SUPPLY CONTROL
 COMMANDE D'ALIMENTATION ELECTRIQUE AUXILIAIRE
 (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
 (72) **WILLIAMS, Kevin, Michael**; 6101 North Primrose Avenue, Indianapolis, IN 46220 (US).
 (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/21814** (13) A1
 (21) PCT/US97/21010
 (22) **12 Nov/nov 1997 (12.11.1997)**
 (25) en (26) en
 (31) 08/749,749 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ H02M 3/335, H02H 7/12

- (54) FAULT CONTROL CIRCUIT FOR SWITCHED POWER SUPPLY
 CIRCUIT DE DETECTION DE DEFAILLANCE POUR ALIMENTATION EN PUISSANCE COMMUTE
 (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
 (72) **WILLIAMS, Kevin, Michael**; 6101 North Primrose Avenue, Indianapolis, IN 46220 (US).
 (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/21815** (13) A1
 (21) PCT/JP97/04109
 (22) **11 Nov/nov 1997 (11.11.1997)**
 (25) ja (26) ja
 (31) 8/302209 (32) **13 Nov/nov 1996 (13.11.1996)** (33) JP
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ H02M 7/21, G04C 10/00, G04G 1/00
 (54) POWER SUPPLY DEVICE AND PORTABLE ELECTRONIC EQUIPMENT
 DISPOSITIF D'ALIMENTATION EN ENERGIE ET MATERIEL ELECTRONIQUE PORTATIF
 (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **FUJISAWA, Teruhiko** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP). **YABE, Hiroshi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP). **SHINKAWA, Osamu** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP). **KADOWAKI, Tadao** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392 (JP).
 (74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP).
 (81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (13) A1

- (11) **WO 98/21816** (13) A1
 (21) PCT/EP97/06102
 (22) **5 Nov/nov 1997 (05.11.1997)**
 (25) en (26) en
 (31) 08/747,532 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
 (43) 22 May/mai 1998 (22.05.1998)
 (51)⁶ H02P 6/18
 (54) METHOD AND APPARATUS FOR ELECTRONICALLY COMMUTING AN ELECTRIC MOTOR

PROCEDE ET SYSTEME DE COMMUTATION ELECTRONIQUE D'UN MOTEUR ELECTRIQUE

(71) **MOTOROLA, INC. Wilmington Geneva Branch Office** [US/CH]; 207, route de Ferney, CH-1218 Grand-Saconnex (CH).

(72) **CHALUPA, Leos**; Vetrna 1081, 67531 Jemnice (CZ). **PATOCKA, Miroslav**; Weissova 8, 64400 Brno (CZ).

(74) **RICHARDT, Markus**; Motorola GmbH, Hagenauer Strasse 47, D-65203 Wiesbaden (DE).

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

Published / Publiée : (c)

(11) **WO 98/21817** (13) A1

(21) PCT/DE97/02571

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 46 457.9 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H02P 21/00

(54) METHOD AND DEVICE FOR DETERMINING THE ROTATIONAL SPEED OF A POLYPHASE MACHINE OPERATING WITH FIELD ORIENTATION AND WITHOUT A SENSOR
PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER LE NOMBRE DE TOURS D'UNE MACHINE POLYPHASEE EXEMPTEE DE CAPTEUR ET FONCTIONNANT AVEC ORIENTATION DU CHAMP

(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) **HOFFMANN, Frank** [DE/DE]; Franzensbader Strasse 9A, D-91315 Höchststadt (DE). **DEPENBROCK, Manfred** [DE/DE]; Lupinenweg 1, D-44797 Bochum (DE).

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

(11) **WO 98/21818** (13) A1

(21) PCT/GB97/03028

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) PO 3590 (32) **13 Nov/nov 1996 (13.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03B 5/32

(54) APPARATUS FOR TRACKING RESONANT FREQUENCY
DISPOSITIF DE POURSUITE DE LA FREQUENCE DE RESONANCE

(71, 72) **LONSDALE, Anthony** [GB/GB]; Balscott Mill, Balscote, Banbury, Oxfordshire OX15 6EY (GB). **LONSDALE, Bryan** [GB/GB]; Balscott Mill, Balscote, Banbury, Oxfordshire OX15 6EY (GB).

(74) **ROCK, Olaf, Colin**; Rock and Company, Trelawn, Cassington, Witney, Oxford OX8 1DN (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/21819** (13) A1

(21) PCT/FI97/00689

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 964559 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FI

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03B 21/02, H04B 1/40

(54) GENERATING FREQUENCIES FOR A MULTIMODE DEVICE OF A RADIO SYSTEM
GENERATION DE FREQUENCES POUR UN DISPOSITIF MULTIMODE DANS UN SYSTEME DE RADIOCOMMUNICATION

(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) **NIKULA, Eero** [FI/FI]; Eestinlaakso 2 D 14, FIN-02280 Espoo (FI). **TOSKALA, Antti** [FI/FI]; Itämerenkatu 8 A 2, FIN-00180 Helsinki (FI). **HOLMA, Harri** [FI/FI]; Itätulenkuja 1 B 32, FIN-02100 Espoo (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21820** (13) A1

(21) PCT/SE97/01870

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9604101-7 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03F 1/30

(54) ARRANGEMENT FOR PROTECTING THE OUTPUT TRANSISTORS IN A POWER AMPLIFIER
SYSTEME DE PROTECTION DES TRANSISTORS DE SORTIE DANS UN AMPLIFICATEUR DE PUISSANCE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Hans** [SE/SE]; Aspenvägen 28, S-175 37 Järfälla (SE).

(74) **JOHANSSON, Lars, E.** et al. / etc.; H. Albihns Patentbyrå 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21821** (13) A1

(21) PCT/SE97/01859

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9604104-1 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03F 3/21, H03G 3/30

(54) AN ARRANGEMENT FOR REDUCING AND STABILIZING THE AMPLIFICATION OF A DARLINGTON-COUPLED OUTPUT STAGE
SYSTEME PERMETTANT DE REDUIRE ET DE STABILISER L'AMPLIFICATION D'UN ETAGE DE SORTIE A COUPLAGE DARLINGTON

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Hans** [SE/SE]; Aspenvägen 28, S-175 37 Järfälla (SE).

(74) **JOHANSSON, Lars, E.** et al. / etc.; H. Albihns Patentbyrå 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21822** (13) A1

(21) PCT/GB97/03029

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) PO 3588 (32) **13 Nov/nov 1996 (13.11.1996)** (33) AU

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03H 9/05

(54) INTEGRATED ELECTRONIC STRUCTURE
STRUCTURE ELECTRONIQUE INTEGREE

(71, 72) **LONSDALE, Anthony** [GB/GB]; Balscott Mill, Balscote, Banbury, Oxfordshire OX15 6EY (GB). **LONSDALE, Bryan** [GB/GB]; Balscott Mill, Balscote, Banbury, Oxfordshire OX15 6EY (GB).

(74) **ROCK, Olaf, Colin**; Rock and Company, Trelawn, Cassington, Witney, Oxford OX8 1DN (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; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(11) **WO 98/21823** (13) A1

(21) PCT/SE97/01858

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9604100-9 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03K 1/52

(54) A PROTECTIVE CIRCUIT
CIRCUIT DE PROTECTION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Hans** [SE/SE]; Aspnäsavägen 28, S-175 37 Järfälla (SE). **LARSSON, Elisabeth** [SE/SE]; Ryggåsgatan 9, S-167 55 Bromma (SE).

(74) **JOHANSSON, Lars, E.** et al. / etc.; H. Albihns Patentbyrå 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21824** (13) A1

(21) PCT/US97/20621

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,699 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03K 17/968

(54) LINEAR OPERATING MECHANISM FOR AN OPTICAL SWITCH
MECANISME DE FONCTIONNEMENT LINEAIRE POUR COMMUTATEUR OPTIQUE

(71) **SQUARE D COMPANY** [US/US]; 1415 S. Roselle Road, Palatine, IL 60067 (US).

(72) **WORM, Steven, L.**; 4118 Yadkin Drive, Raleigh, NC 27609 (US).

(74) **GOLDEN, Larry, I.**; Square D Company, 1415 South Roselle Road, Palatine, IL 60067 (US).

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

Published / Publiée : (c)

(11) **WO 98/21825** (13) A1

(21) PCT/US97/20329

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/747,408 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03K 19/003, 19/0185

(54) LOW-POWER 5 VOLT TOLERANT INPUT BUFFER
CIRCUIT TAMPON D'ENTREE DE FAIBLE PUISSANCE TOLERANT LE 5 VOLT

(71) **SYMBIOS, INC.** [US/US]; 2001 Danfield Court, Fort Collins, CO 80525 (US).

(72) **MCMANUS, Michael, J.**; 1306 Silk Oak Drive, Fort Collins, CO 80525 (US).

(74) **LUCENTE, David, K.**; Symbios, Inc., 2001 Danfield Court, Fort Collins, CO 80525 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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); 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 98/21826** (13) A1

(21) PCT/US97/20250

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/748,692 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03L 7/08, H04B 1/44

(54) SYSTEM AND METHOD FOR OFFSETTING LOAD SWITCHING TRANSIENTS IN A FREQUENCY SYNTHESIZER
SYSTEME ET PROCEDE DE DECALAGE DES COMPOSANTES TRANSITOIRES DANS UN SYNTHETISEUR DE FREQUENCES

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **FREED, John, G.**; 8909 Lindenshire Road, Raleigh, NC 27615 (US).

(74) **SAMRA, Robert, A.**; Samra & Associates, Suite 520, 750 N. St. Paul Street, Dallas, TX 75201-3247 (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 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 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 98/21827** (13) A1

(21) PCT/US97/21112

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,224 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03L 7/089, 7/093, 7/18

(54) LOW POWER CHARGE PUMP
POMPE A CHARGE FAIBLE PUISSANCE

(71) **ANALOG DEVICES** [US/US]; One Technology Way, P.O. Box 9106, Norwood, MA 02062-9106 (US).

(72) **GILBERT, Barrie**; 10605 N.W. Lost Park Drive, Portland, OR 97229 (US). **CARBONARI, Daryl**; 17811 N.W. Gilbert Lane, Portland, OR 97229 (US). **BRUNNER, Eberhard**; Wiessner Strasse 2, D-83666 Waakirchen (DE). **WEISS, Fred**; 17810 N.E. Courtney Road, Newberg, OR 97132 (US).

(74) **McCOLLUM, Alan, T.** et al. / etc.; Marger, Johnson, McCollom & Stolorow, P.C., 1030 S.W. Morrison Street, Portland, OR 97205 (US).

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

(11) **WO 98/21828** (13) A1

(21) PCT/JP97/04060

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) ja (26) ja

(31) 8/296978 (32) **11 Nov/nov 1996 (11.11.1996)** (33) JP

(31) 9/275662 (32) **8 Oct/oct 1997 (08.10.1997)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03L 7/24, 7/06

(54) MICROWAVE/MILLIMETER WAVE INJECTION/SYNCHRONIZATION OSCILLATOR
OSCILLATEUR D'INJECTION/SYNCHRONISATION D'ONDES A FREQUENCE MICRO-ONDE/MILLIMETRIQUE

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUEMATSU, Eiji** [JP/JP]; 18-20, Izumigaoka, Tomio, Nara-shi, Nara 631 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).

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

(11) **WO 98/21829** (13) A2

(21) PCT/US97/21825

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,235 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03M

(54) MODIFIED REED SOLOMON CODE SELECTION AND ENCODING SYSTEM
SYSTEME DE SELECTION ET DE CODAGE A CODE REED-SOLOMON MODIFIE

(71) **QUANTUM CORPORATION** [US/US]; 500 McCarthy Boulevard, Milpitas, CA 95035 (US).

(72) **WENG, Lih-Jyh**; 95 Ardmore Road, Needham, MA 02194 (US). **SHEN, Ba-Zhong**; Apartment 304, 285 Plantation Street, Worcester, MA 01604 (US).

(74) **CHUN, Debra, A.** et al. / etc.; Quantum Corporation, 500 McCarthy Boulevard, Milpitas, CA 95035 (US).

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

(11) **WO 98/21830** (13) A2

(21) PCT/IB97/01415

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 96203108.4 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03M 7/40

(54) DATA COMPRESSION/EXPANSION USING A RICE ENCODER/DECODER
COMPRESSION/DECOMPRESSION DE DONNEES AU MOYEN D'UN CODEUR/DECODEUR RICE

(71) **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 NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72, 75) **BRUEKERS, Alphons, Antonius, Maria, Lambertus** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **VAN DER KRUK, Willem, L.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/21831** (13) A2

(21) PCT/IB97/01434

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/749,039 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03M 7/40

(54) VARIABLE LENGTH DECODING
DECODAGE EN LONGUEUR VARIABLE

(71) **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) **BAKHMUTSKY, Michael**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHMITZ, Herman, J. R.**; 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).

(11) **WO 98/21832** (13) A1

(21) PCT/IB97/01205

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 96203144.9 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H03M 13/22

(54) A RECEIVER, DE-INTERLEAVING MEANS AND A METHOD FOR A REDUCED TIME DE-INTERLEAVING MEMORY RECEPTEUR, MOYEN DE DESIMBRICATION ET PROCEDE APPLICABLE A UNE MEMOIRE A DESIMBRICATION TEMPORELLE REDUITE

(71) **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) **DELARUELLE, Antoine**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DE LAAR, Franciscus, Antonius, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BEKOOIJ, Marco, Jan, Gerrit**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HUISKEN, Josephus, Antonius**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHOONHEIJM, Harry, B.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/21833** (13) A1

(21) PCT/FI97/00694

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) fi (26) en

(31) 964569 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FI

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 1/40, H04Q 7/30

(54) TRANSMITTER UNIT AND BASE STATION
UNITE EMETTEUR ET STATION DE BASE

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

(72, 75) **AHOSOLA, Raimo** [FI/FI]; Jarintie 23C, FIN-01800 Klaukkala (FI).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21834** (13) A2

(21) PCT/FI97/00688

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 964550 (32) **13 Nov/nov 1996 (13.11.1996)** (33) FI

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 1/713

(54) FREQUENCY HOPPING METHOD AND RADIO SYSTEM
TECHNIQUE DE SAUT DE FREQUENCE ET SYSTEME DE RADIOCOMMUNICATION

(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) **RAITOLA, Mika** [FI/FI]; Avaruskatu 3 I 170, FIN-02210 Espoo (FI). **SILVENTOINEN, Marko** [FI/FI]; PSR 9 D 125, FIN-00530 Helsinki (FI).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21835** (13) A2

(21) PCT/SE97/01860

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9604102-5 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 3/02, H03K 5/003

(54) A METHOD AND AN ARRANGEMENT FOR ADAPTING, FROM A DC POINT OF VIEW, A FIRST CIRCUIT TO AT LEAST ONE SECOND CIRCUIT
PROCEDE ET SYSTEME PERMETTANT D'ADAPTER, EN CE QUI CONCERNE LE CC, UN PREMIER CIRCUIT A UN OU PLUSIEURS SECONDS CIRCUITS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Hans** [SE/SE]; Aspnaäsvägen 28, S-175 37 Järfälla (SE). **LARSSON, Elisabeth** [SE/SE]; Ryggåsgatan 9, S-167 55 Bromma (SE).

(74) **JOHANSSON, Lars, E.** et al. / etc.; H. Albinns Patentbyrå 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21836** (13) A2

(21) PCT/FI97/00696

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 964564 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FI

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 7/005

(54) RECEIVING METHOD, AND RECEIVER
TECHNIQUE DE RECEPTION ET RECEPTEUR

(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) **KIISKI, Matti** [FI/FI]; Mustalinnuntie 21, FIN-90460 Oulunsalo (FI).

(74) **PATENTTITOIMISTO TEKNOLOGIA KOLSTER OY**; c/o Kolster Oy AB, P.O. Box 148, Iso Roobertinkatu 23, FIN-00121 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21837** (13) A1

(21) PCT/US97/20044

(22) **3 Nov/nov 1997 (03.11.1997)**

(25) en (26) en

(31) 08/751,226 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 7/005

(54) METHOD AND APPARATUS FOR REDUCING PHASE CANCELLATION IN A SIMULCAST PAGING SYSTEM
PROCEDE ET DISPOSITIF DE REDUCTION DE L'ANNULATION DE PHASE DANS UN SYSTEME DE RECHERCHE DE PERSONNE AVEC RADIODIFFUSION SIMULTANEE

(71) **GLENAYRE ELECTRONICS, INC.** [US/US]; 5935 Carnegie Boulevard, Charlotte, NC 28209 (US).

(72) **MCCABE, Michael, J.**; 2125 Cherry Lane, Quincy, IL 62301 (US). **WILLIAMS, Lee, L.**; 205 North 27th Street, Quincy, IL 62301 (US). **GOUD, Paul, A.**; 375 Blue Mountain Street, Coquitlam, British Columbia V3K 4J7 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21838** (13) A1

(21) PCT/EP96/04912

(22) **11 Nov/nov 1996 (11.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 7/185

(54) AERONAUTICAL CELLULAR NETWORK
RESEAU DE TELEPHONIE CELLULAIRE
AERONAUTIQUE

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Upseerinkatu 1, FIN-02600 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SINIIVAARA, Hasse, Kristian** [FI/FI]; Tahkorinne 19 A 1, FIN-02760 Espoo (FI).

(74) **PALMER, Roger** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG 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 (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 98/21839** (13) A1

(21) PCT/US97/18480

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 08/749,457 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 7/185, H04N 7/20, 7/167

(54) REAL-TIME INFORMATION DELIVERY SYSTEM FOR AIRCRAFT
SYSTEME DE DISTRIBUTION D'INFORMATIONS EN TEMPS REEL POUR AERONEF

(71) **WORLDSPACE, INC.** [US/US]; 11 Dupont Circle, N.W., Washington, DC 20036 (US).

(72) **SACHDEV, Dharmendra, Kumar**; 6236 Kellogg Drive, McLean, VA 22101 (US).

(74) **HOLMES, John, E.** et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1225 Connecticut Avenue, N.W., Washington, DC 20036 (US).

(81) AL AM AT AU (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) 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).

Published / Publiée : (c)

(11) **WO 98/21840** (13) A1

(21) PCT/SE97/01800

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/746,756 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 7/26, H04Q 7/24

(54) TRANSPORTING USER DATA OVER A-BIS AND A-INTERFACES WITHIN A MOBILE TELECOMMUNICATIONS NETWORK
TRANSPORT DE DONNEES D'UTILISATEUR SUR DES INTERFACES A-BIS ET A L'INTERIEUR D'UN RESEAU DE TELECOMMUNICATIONS MOBILES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **JUNG, Stefan**; Karlsholmsvägen 11, S-183 77 Täby (SE). **GALYAS, Peter**; Kryssarvägen 11, S-183 58 Täby (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21841** (13) A1

(21) PCT/SE97/01826

(22) **31 Oct/oct 1997 (31.10.1997)**

(25) en (26) en

(31) 08/748,756 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 7/26, H04Q 7/30

(54) METHOD FOR MULTIPLEXING ADJACENT TRANSCHEIVER/TRANSCODER LINKS INTO A SINGLE TIMESLOT
PROCEDE POUR MULTIPLEXER DES LIAISONS ADJACENTES EMETTEUR-RECEPTEUR/TRANSCODEUR EN UNE SEULE VOIE TEMPORELLE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **NILSSON, Torsten**; Pl 1077 Lur, S-280 23 Hästveda (SE). **ANDERSSON, Kenth**; Nyodlingsvägen 15, S-191 40 Sollentuna (SE). **GRANATH, Johan**; Hölländargatan 22, S-113 59 Stockholm (SE). **BERGSTROM, Anders**; Knarrhögsgatan 10 A, S-431 60 Mölndal (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21842** (13) A2

(21) PCT/US97/19843

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/748,755 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 7/265, 1/707

(54) DESPREADING OF DIRECT SEQUENCE SPREAD SPECTRUM COMMUNICATIONS SIGNALS
DESETALEMENT DE SIGNAUX DE COMMUNICATIONS A SPECTRE ETALE A SEQUENCE DIRECTE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **BOTTOMLEY, Gregory, E.**; 100 Merlot Court, Cary, NC 27511 (US). **RAMESH, Rajaram**; 1226 F Hamilton Court, Cary, NC 27511 (US). **DENT, Paul, W.**; 637 Eaglepoint Road, Pittsboro, NC 27312 (US). **CHENNAKESHU, Sandeep**; 311 Glen Abbey Drive, Cary, NC 27513 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21843** (13) A1

(21) PCT/US97/17743

(22) **2 Oct/oct 1997 (02.10.1997)**

(25) en (26) en

(31) 08/749,811 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04B 10/155

(54) LINEARIZED EXTERNAL MODULATOR TRANSMITTER WITH IMPROVED DYNAMIC RANGE
EMETTEUR A MODULATEUR EXTERNE LINEARISE A PLAGE DYNAMIQUE AMELIOREE

(71) **ERICSSON INC.** [US/US]; 1525 O'Brien Drive, Menlo Park, CA 94025 (US).

(72) **MEYRUEIX, Paul**; Apartment 39D, 444 Saratoga Avenue, Santa Clara, CA 95050 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21844** (13) A1

(21) PCT/US97/20503

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/747,376 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04J 1/16

(54) METHOD AND APPARATUS FOR NETWORK ASSESSMENT
PROCEDE ET APPAREIL D'EVALUATION DE RESEAU

(71) **LANQUEST GROUP** [US/US]; 47800 Westinghouse Drive, Fremont, CA 94539 (US).

(72) **CZARNIK, Paul, G.**; 3120 Fox Creek Drive, Danville, CA 94506 (US). **SCHROEDER, Carl, J.**; 757 Port Walk Place, Redwood City, CA 94065 (US).

(74) **VAN PELT, Lee**; Hickman Beyer & Weaver, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21845** (13) A1

(21) PCT/US97/19973

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/746,416 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04J 3/14

(54) METHOD AND APPARATUS FOR MEASUREMENT OF PEAK THROUGHPUT IN PACKETIZED DATA NETWORKS
PROCEDE ET DISPOSITIF DE MESURE DE LA CAPACITE MAXIMALE DE RESEAUX DE TRANSMISSION DE DONNEES EN PAQUETS

(71) **VISUAL NETWORKS, INC.** [US/US]; Suite 220, 2092 Gaither Road, Rockville, MD 20850 (US).

(72) **ENNIS, James, D., Jr.**; 11204 Jeffro Court, Jjamsville, MD 21754 (US). **HASSELKUS, John, E.**; 13215 Meander Cove Drive, Germantown, MD 20874 (US). **NORBERG, Robert, J.**; 20480 Summer Song Lane, Germantown, MD 20874 (US). **TROUTMAN, Robert**; 5 Peach Leaf Court, Gaithersburg, MD 20878 (US). **TUCKER, Matthew, A.**; 4329 Middlepoint Road, Myersville, MD 21773 (US).

(74) **EDELL, Ira, C.**; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850 (US).

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

Published / Publiée : (c)

(11) **WO 98/21846** (13) A1

(21) PCT/DE97/02090

(22) **17 Sep/sep 1997 (17.09.1997)**

(25) de (26) de

(31) 196 46 244.4 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04J 3/22

(54) METHOD AND DEVICE FOR MULTIPLEXING A PLURALITY OF DIGITAL DATA FLOWS INTO ONE GLOBAL DIGITAL DATA FLOW, AND METHOD AND DEVICE FOR DEMULTIPLEXING ONE GLOBAL DIGITAL DATA FLOW INTO A PLURALITY A DIGITAL DATA FLOWS
PROCEDE ET DISPOSITIF DE MULTIPLEXAGE D'UNE MULTITUDE DE FLUX DE DONNEES NUMERIQUES EN UN FLUX GLOBAL DE DONNEES NUMERIQUES, ET PROCEDE ET DISPOSITIF DE DEMULTIPLEXAGE D'UN FLUX GLOBAL DE DONNEES NUMERIQUES EN UNE MULTITUDE DE FLUX 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) **SEYTTTER, Fritz** [DE/DE]; St.-Wolfgang-Platz 9E, D-81667 München (DE).

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

(11) **WO 98/21847** (13) A1

(21) PCT/EP96/04969

(22) **13 Nov/nov 1996 (13.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04J 7/00, H04L 5/04, H04B 7/26

(54) METHOD, TRANSMITTER AND RECEIVER FOR TRANSMITTING TRAINING SIGNALS IN A TDMA TRANSMISSION SYSTEM
PROCEDE, EMETTEUR ET RECEPTEUR POUR TRANSMETTRE DES SIGNAUX D'APPRENTISSAGE DANS UN RESEAU DE TRANSMISSION AMRT

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Upseerinkatu 1, FIN-02600 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALKAMÄKI, Esa** [FI/FI]; Visakoivunkuja 12 E 32, FIN-02130 Espoo (FI).

(74) **PELLMANN, Hans-Bernd**; Tiedtke-Bühling-Kinne & Partner, Bavariaring 4, 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 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 (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 98/21848** (13) A1

(21) PCT/JP97/04133

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) ja (26) ja

(31) 8/316898 (32) **14 Nov/nov 1996 (14.11.1996)** (33) JP

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04J 13/00

(54) RADIO COMMUNICATION EQUIPMENT USING ALGORITHM DIVERSITY
EQUIPEMENT DE COMMUNICATIONS RADIO UTILISANT UNE DIVERSITE ALGORITHMIQUE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UESUGI, Mitsuru** [JP/JP]; 33 Goshitsu, 13 Goto, Kamoi-so, 3-14-6, Kamoi, Midori-ku, Yokohama-shi, Kanagawa 226 (JP). **KATO, Osamu** [JP/JP]; 2-14-10-205, Hiyoshi, Kohoku-ku, Yokohama-shi, Kanagawa 223 (JP).

(74) **WASHIDA, Kimihito**; Shintoshicenter Building, 5th floor, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206 (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 IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/21849** (13) A1
(21) PCT/EP97/06042
(22) **3 Nov/nov 1997 (03.11.1997)**
(25) de (26) de
(31) 196 46 164.2 (32) **8 Nov/nov 1996 (08.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 1/24, H04B 1/12
(54) METHOD FOR SUPPRESSING INTERFERENCE SIGNALS DURING TRANSMISSION OF DIGITAL SIGNALS
PROCEDE POUR SUPPRIMER LES SIGNAUX PARASITES LORS DE LA TRANSMISSION DE SIGNAUX NUMERIQUES
(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) **RUDOLPH, Dietmar** [DE/DE]; Glockenstrasse 2c, D-14163 Berlin (DE). **HÖRLE, Christian** [DE/DE]; Umlandstrasse 113, D-10717 Berlin (DE). **SCHÄFER, Andreas** [DE/DE]; Dorfstrasse 6, D-15910 Freiwald (DE).
(81) CA CN JP NO 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).

Published / Publiée : (c)

(11) **WO 98/21850** (13) A1
(21) PCT/US97/20133
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/749,040 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 5/12
(54) METHOD OF COMMUNICATING ACCORDING TO A TRELLIS CODE CHOSEN FROM A FIXED SET OF BASEBAND SIGNAL POINTS
TECHNIQUE DE COMMUNICATION UTILISANT UN CODE EN TREILLIS ETABLIS A PARTIR D'UN ENSEMBLE FINI DE POINTS DE SIGNAL BANDE DE BASE
(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(72) **HUMBLET, Pierre, A.**; 65, boulevard Montfleury, F-06400 Cannes (FR).
(74) **KLAYMAN, Jeffrey, T.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/21851** (13) A1
(21) PCT/US97/18803
(22) **9 Oct/oct 1997 (09.10.1997)**
(25) en (26) en
(31) 08/746,700 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 7/00, H04J 3/06
(54) METHODS AND APPARATUS FOR VOCODER SYNCHRONIZATION IN A MOBILE COMMUNICATION NETWORK
PROCEDES ET APPAREIL DE SYNCHRONISATION DE VOCODEUR DANS UN RESEAU DE COMMUNICATIONS MOBILE
(71) **OMNIPONT CORPORATION** [US/US]; 1365 Garden of the Gods Road, Colorado Springs, CO 80907 (US).
(72) **PETCH, Bryan, K.**; 12720 Pommel Circle, Elbert, CO 80106 (US). **LINDSAY, Charles, L.**; 18379 Lazy Summer Way, Monument, CO 80132 (US).
(74) **HEMMINGER, Steven, D.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West 5th 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21852** (13) A1
(21) PCT/US97/19890
(22) **28 Oct/oct 1997 (28.10.1997)**
(25) en (26) en
(31) 08/745,483 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 9/00
(54) CONTROL FOR A GLOBAL TRANSPORT DATA STREAM
COMMANDE POUR DES TRAINS DE DONNEES DE TRANSPORT GLOBAL
(71) **SCIENTIFIC-ATLANTA, INC.** [US/US]; One Technology Parkway South, Norcross, GA 30092 (US).
(72) **THATCHER, William, B.**; 1851 Anjaco Road, N.W., Atlanta, GA 30309 (US). **WASILEWSKI, Anthony, J.**; 10680 Wren Ridge Road, Alpharetta, GA 30202 (US).
(74) **MASSARONI, Kenneth, M.** et al. / etc.; Scientific-Atlanta, Inc., One Technology Parkway South, Norcross, GA 30092 (US).
(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).

Published / Publiée : (c)

(11) **WO 98/21853** (13) A1
(21) PCT/JP97/04120
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) ja (26) ja
(31) 8/300440 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 12/28
(54) COMMUNICATION NETWORK SYSTEM AND CONTROLLING OF COMMUNICATION PATH THEREOF
SYSTEME RESEAU DE COMMUNICATIONS ET COMMANDE DU TRAJET DE COMMUNICATION DE CE SYSTEME
(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TSURUTA, Hidekazu** [JP/JP]; 17-7, Yakumo 5-chome, Meguro-ku, Tokyo 152 (JP). **UWAJIMA, Kazuo** [JP/JP]; 608-1, Uenohara, Uenohara-machi, Kita-tsuru-gun, Yamanashi 409-01 (JP).
(74) **KIMURA, Takahisa**; Sendai Building, 6th floor, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).
(81) CA CN JP US.

(11) **WO 98/21854** (13) A1
(21) PCT/JP97/04121
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) ja (26) ja
(31) 8/300441 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 12/42, 12/423, 12/427, 12/43, 12/433, 12/437, 12/28
(54) COMMUNICATION NETWORK SYSTEM AND REBUILDING THEREOF
SYSTEME RESEAU DE COMMUNICATION ET RECONSTRUCTION DE CELUI-CI
(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TSUJI, Kiyotaka** [JP/JP]; No. 308 Excelpalace No. 3, 21-19, Funabori 2-chome, Koto-ku, Tokyo 134 (JP).
(74) **KIMURA, Takahisa**; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).
(81) CA CN JP US.

(11) **WO 98/21855** (13) A1
(21) PCT/JP97/04122
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) ja (26) ja
(31) 8/300442 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 12/42, 12/437, 12/28
(54) LOOP-TYPE NETWORK SYSTEM AND CONTROLLING OF PATH THEREOF

- SYSTEME RESEAU DU TYPE EN BOUCLE ET COMMANDE DU TRAJET DE CELUI-CI
- (71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUITA, Daisuke** [JP/JP]; Room No. 636, No. 2 Hirayama-ryo, 3-1-1, Asahigaoka, Hino-shi, Tokyo 191 (JP).
- (74) **KIMURA, Takahisa**; Sendai Building, 6F, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104 (JP).
- (81) CA CN JP US.
-
- (11) **WO 98/21856** (13) A1
(21) PCT/GB97/03057
(22) **6 Nov/nov 1997 (06.11.1997)**
(25) en (26) en
(31) 08/747,117 (32) **8 Nov/nov 1996 (08.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 12/56
(54) METHOD FOR DETERMINING THE TOPOLOGY OF AN ATM NETWORK
PROCEDE POUR DETERMINER LA TOPOLOGIE D'UN RESEAU MTA
- (71) **ADVANCED TELECOMMUNICATION MODULES LTD.** [GB/GB]; Mount Pleasant House, 2 Mount Pleasant, Huntingdon Road, Cambridge CB3 0BL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HALEY, Andrew, Paul** [GB/GB]; 7 Kensington Court, Quanton Close, Cambridge CB5 8LS (GB).
- (74) **COZENS, Paul, Dennis**; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21857** (13) A1
(21) PCT/US97/20579
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/746,609 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 12/56
(54) N-DIMENSIONAL SCALABLE SWITCHING NETWORKS
RESEAUX DE COMMUTATION MODULABLES A N DIMENSIONS
- (71, 72) **HUANG, Alan** [US/US]; 682 Sixteenth Avenue, Menlo Park, CA 94025 (US).
- (81) CN DE GB JP RU; EA (AM AZ BY KG KZ MD RU TJ TM).
- Published / Publiée : (c)
-
- (11) **WO 98/21858** (13) A1
(21) PCT/US97/20939
(22) **14 Nov/nov 1997 (14.11.1997)**
(25) en (26) en
(31) 08/749,168 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 12/56
(54) DYNAMIC RESTORATION PROCESS
PROCEDE DE RESTAURATION DYNAMIQUE
- (71) **MCI COMMUNICATIONS CORPORATION** [US/US]; 1133 19th Street, N.W., Washington, DC 20036 (US).
- (72) **CROSLIN, William, D.**; 425 Allegheny Drive, Colorado Springs, CO 80919 (US).
- (74) **LISS, Morris** et al. / etc.; Pollock, Vande Sande & Priddy, Suite 800, 1990 M Street, N.W., Washington, DC 20036-3425 (US).
- (81) CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21859** (13) A2
(21) PCT/EP97/06280
(22) **11 Nov/nov 1997 (11.11.1997)**
(25) en (26) en
(31) 196 46 684.9 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 25/02
(54) OUTPUT BUFFER CIRCUIT
CIRCUIT TAMPON DE SORTIE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEDBERG, Mats** [SE/SE]; Kvickrotsvägen 22, S-136 22 Haninge (SE).
- (74) **VON FISCHERN, Bernhard** et al. / etc.; Hoffmann-Eitile, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).
- Published / Publiée : (c)
-
- (11) **WO 98/21860** (13) A1
(21) PCT/DE97/02437
(22) **22 Oct/oct 1997 (22.10.1997)**
(25) de (26) de
(31) 196 46 299.1 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 27/26
(54) METHOD FOR DECODING COMPLEMENTARY CODES
- PROCEDE DE DECODIFICATION DE CODES COMPLEMENTAIRES
- (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) **MANN PELZ, Rodolfo** [DE/DE]; Scharnhorststrasse 5, D-30175 Hannover (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21861** (13) A1
(21) PCT/FR97/02013
(22) **7 Nov/nov 1997 (07.11.1997)**
(25) fr (26) fr
(31) 96/13917 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 27/26
(54) PROTOTYPE SIGNAL CONSTRUCTION FOR MULTICARRIER TRANSMISSION
CONSTRUCTION DE SIGNAUX PROTOTYPES POUR TRANSMISSION MULTIPORTEUSE
- (71) **FRANCE TELECOM** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR). **TELEDIFFUSION DE FRANCE** [FR/FR]; 10, rue d'Oradour-sur-Glane, F-75732 Paris Cedex 15 (FR). **SOCIETE CIVILE MICHEL ALARD** [FR/FR]; 23, rue des Francs-Bourgeois, F-75004 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALARD, Michel** [FR/FR]; 23, rue des Francs-Bourgeois, F-75004 Paris (FR).
- (74) **VIDON, Patrice**; Cabinet Patrice Vidon, Immeuble Germanium, 80, avenue des Buttes-de-Coësmes, F-35700 Rennes (FR).
- (81) CA CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21862** (13) A1
(21) PCT/US97/20245
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 08/747,463 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04L 29/08
(54) MULTI-LAYERED INTERFACE FOR INTERCONNECTING APPLICATION PROGRAMS TO SYSTEM BUS LINES FOR ELECTRONIC DEVICES
INTERFACE MULTICOUCHE PERMETTANT DE CONNECTER DES PROGRAMMES D'APPLICATION A DES LIGNES DE BUS SYSTEME DESTINEES A DES EQUIPEMENTS ELECTRONIQUES
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **MOON, Billy, Gayle**; 305 Parkbranch Lane, Apex, NC 27502 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21863** (13) A1

(21) PCT/US97/20278

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 60/030,906 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04L 29/14

(54) DYNAMIC SYNCHRONOUS COLLABORATION FRAMEWORK FOR MOBILE AGENTS CADRE DE COLLABORATION SYNCHRONE, DYNAMIQUE POUR AGENTS MOBILES

(71) **MITSUBISHI ELECTRIC INFORMATION TECHNOLOGY CENTER AMERICA, INC.** [US/US]; 201 Broadway, Cambridge, MA 02139 (US).

(72) **PACIOREK, Noemi**; 146 Morse Road, Sudbury, MA 01776 (US).

(74) **TENDLER, Robert, K.**; 65 Atlantic Avenue, Boston, MA 02110 (US).

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

Published / Publiée : (c)

(11) **WO 98/21864** (13) A2

(21) PCT/US97/20275

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/748,666 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M

(54) METHOD OF AND SYSTEM FOR CALL ROUTING COMPLIANT WITH REGULATORY ROUTING REQUIREMENTS PROCEDE ET SYSTEME D'ACHEMINEMENT D'APPELS, EN CONFORMITE AVEC LES EXIGENCES REGLEMENTAIRES D'ACHEMINEMENT

(71) **CONCERT MANAGEMENT SERVICES INC.** [US/US]; 11921 Freedom Drive, Reston, VA 22090 (US).

(72) **VOLFTSUN, Lev**; 2523 Fallon Drive, Herndon, VA 22071 (US).

(74) **HAAS, George, E.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK 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 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 98/21865** (13) A2

(21) PCT/US97/20983

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/748,841 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M

(54) APPARATUS AND METHOD FOR OPTIMIZING THE USE OF LONG DISTANCE TELEPHONE SERVICES APPAREIL ET PROCEDE PERMETTANT D'OPTIMISER L'UTILISATION DES SERVICES TELEPHONIQUES INTERURBAINS

(71, 72) **ROMINES, Gregory** [US/US]; 4003 Greenhill Place, Austin, TX 78759 (US).

(74) **CULBERTSON, Russell, D.** et al. / etc.; Shaffer & Culbertson, Building I, Suite 360, 1250 Capital of Texas Highway S., Austin, TX 78746 (US).

(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 98/21866** (13) A1

(21) PCT/US97/17569

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) en (26) en

(31) 08/749,147 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 1/00

(54) TELEPHONE AND DATA COMMUNICATIONS LINE PROTECTION MODULE AND GROUNDING SPRING CLIP MODULE DE PROTECTION DE LIGNE DE TELEPHONE ET DE TRANSFERT DE DONNEES, ET BRIDE A RESSORT DE MISE A LA MASSE

(71) **ONEAC CORPORATION** [US/US]; 27944 North Bradley Road, Libertyville, IL 60048 (US).

(72) **PELEGRIS, Dimitris, Jim**; 1801 Cree Lane, Mount Prospect, IL 60056 (US).

(74) **PENNINGTON, Joan** et al. / etc.; Mason, Kolehmainen, Rathburn & Wyss, Suite 2400, 300 South Wacker Drive, Chicago, IL 60606-6701 (US).

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

Published / Publiée : (a)

(11) **WO 98/21867** (13) A1

(21) PCT/DE97/02593

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

(31) 196 46 625.3 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 1/57, H04Q 3/72, 11/04

(54) METHOD FOR IDENTIFYING A CALLER ESPECIALLY IN A PRIVATE BRANCH TELEPHONE EXCHANGE PROCEDE POUR IDENTIFIER UN CORRESPONDANT, NOTAMMENT DANS UN AUTOCOMMUTATEUR PRIVE

(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) **HALFMANN, Jörg** [DE/DE]; Meerfeldstrasse 67, D-68163 Mannheim (DE).

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

Published / Publiée : (c)

(11) **WO 98/21868** (13) A2

(21) PCT/SE97/01857

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9604099-3 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 1/76

(54) ARRANGEMENT IN A SUBSCRIBER LINE INTERFACE CIRCUIT CONFIGURATION DE CIRCUIT D'INTERFACE DE LIGNE D'ABONNE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Hans** [SE/SE]; Aspnaäsvägen 28, S-175 37 Järfälla (SE).

(74) **JOHANSSON, Lars, E.** et al. / etc.; H. Albihs Patentbyrå 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21869** (13) A1

(21) PCT/GB97/03108

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 96308197.1 (32) **13 Nov/nov 1996 (13.11.1996)** (33) EP

(34) GB et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 3/22, 3/30, H04Q 3/00

(54) FAULT MANAGEMENT SYSTEM FOR A TELECOMMUNICATIONS NETWORK SYSTEME DE GESTION DE PANNES POUR RESEAU DE TELECOMMUNICATIONS

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEVAN, Ian, Robert** [GB/GB]; 13 Wimborne Drive, Pinner, Middlesex HA5 1NH (GB). **CHASKELL, Andrew, David** [GB/GB]; 86 Henley Road, Ipswich, Suffolk IP1 4NQ (GB).

(74) **EVERSHED, Michael**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21870** (13) A2

(21) PCT/US97/18990

(22) **21 Oct/oct 1997 (21.10.1997)**

(25) en (26) en

(31) 08/746,690 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 3/42

(54) APPARATUS AND METHOD FOR SCHEDULING A TELEPHONE CALL
PROCEDE ET APPAREIL DE PROGRAMMATION D'UN APPEL TELEPHONIQUE

(71) **SIEMENS BUSINESS COMMUNICATION SYSTEMS, INC.** [US/US]; 4900 Old Ironsides Drive, Santa Clara, CA 95052 (US).

(72) **KING, Neal, J.**; Apartment 124, 811 York Street, Oakland, CA 94610 (US). **SASSIN, Michael**; 49 S. Morrison Avenue, San Jose, CA 95126 (US). **CHOW, Jackson, Hsi, Yung**; 7068 Phyllis Avenue, San Jose, CA 95129 (US). **JACOBI, Eli**; 3128 David Avenue, Palo Alto, CA 94303 (US). **DEAN, Matthew, T.**; 851 Almarida Drive, Campbell, CA 95008 (US).

(74) **VANCE, Heather, S.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).

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

(11) **WO 98/21871** (13) A1

(21) PCT/US97/20952

(22) **17 Nov/nov 1997 (17.11.1997)**

(25) en (26) en

(31) 08/749,656 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 3/42

(54) TELECOMMUNICATION MANAGEMENT SYSTEM AND USER INTERFACE
SYSTEME DE GESTION DES TELECOMMUNICATIONS ET INTERFACE UTILISATEUR

(71) **ACTIVE VOICE CORPORATION** [US/US]; Suite 500, 2901 Third Avenue, Seattle, WA 98121-9800 (US).

(71, 72) **DEGRAZIA, Brad, R.** [US/US]; 7418-4th Avenue, N.E., Seattle, WA 98115 (US). **ESCOBAR, Phillip, A.** [US/US]; 43212 S.E. 172nd Place, North Bend, WA 98045 (US).

(74) **SILBERMAN, Gregory, P.** et al. / etc.; Graybeal Jackson Haley LLP, Suite 2460, 777-108th Avenue, N.E., Bellevue, WA 98004-5117 (US).

(81) AU GB.

Published / Publiée : (c)

(11) **WO 98/21872** (13) A1

(21) PCT/US97/20752

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 08/748,943 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 11/00, 11/08, 3/42, G10L 3/02, 9/00

(54) SYSTEM AND METHOD FOR PROVIDING AND USING UNIVERSALLY ACCESSIBLE VOICE AND SPEECH DATA FILES
SYSTEME ET PROCEDE POUR FOURNIR ET UTILISER DES FICHIERS DE DONNEES VOCALES ET DE DONNEES AUDIO, ACCESSIBLES DE MANIERE UNIVERSELLE

(71) **VOIS CORPORATION** [US/US]; Suite 260, 3 Lagoon Drive, Redwood City, CA 94065 (US).

(72) **UPPALURU, Premkumar, V.**; 11853 Shasta Spring Court, Cupertino, CA 95014 (US).

(74) **SMITH, Albert, C.** et al. / etc.; Fenwick & West LLP, Suite 700, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21873** (13) A2

(21) PCT/DE97/02626

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) de (26) de

(31) 196 46 485.4 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 15/00

(54) PROCESS FOR LEVYING DISTANCE-DEPENDENT CHARGES IN CELLULAR COMMUNICATION NETWORKS
PROCEDE DE TAXATION EN FONCTION DE LA DISTANCE DANS DES RESEAUX DE TELECOMMUNICATIONS MOBILES

(71) **DETEMOBIL DEUTSCHE TELEKOM MOBILNET GMBH** [DE/DE]; Landgrabenweg 151, D-53227 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRETSCHMER, Frank** [DE/DE]; Kölner Strasse 50, D-53840 Troisdorf (DE).

(74) **RIEBLING, Peter**; Postfach 3160, D-88113 Lindau (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21874** (13) A1

(21) PCT/SE97/01835

(22) **4 Nov/nov 1997 (04.11.1997)**

(25) en (26) en

(31) 08/747,424 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 17/00, 15/00, H04Q 3/00

(54) METHOD AND APPARATUS FOR PROVIDING PREPAID TELECOMMUNICATIONS SERVICES
PROCEDE ET DISPOSITIF DE FOURNITURE DE SERVICE DE TELECOMMUNICATIONS A PREPAIEMENT

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **LESLEY, Ulf**; Edsviksvägen 60, S-182 35 Danderyd (SE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent och Trademark Dept., S-126 25 Stockholm (SE).

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

Published / Publiée : (c)

(11) **WO 98/21875** (13) A1

(21) PCT/SE97/01856

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) en (26) en

(31) 9604103-3 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 19/00

(54) A SUBSCRIBER LINE INTERFACE CIRCUIT
CIRCUIT D'INTERFACE DE LIGNE D'ABONNE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Hans** [SE/SE]; Aspenvägen 28, S-175 37 Järfälla (SE). **LARSSON, Elisabeth** [SE/SE]; Ryggåsgatan 9, S-167 55 Bromma (SE).

(74) **JOHANSSON, Lars, E.** et al. / etc.; H. Albihs Patentbyrå 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

(11) **WO 98/21876** (13) A1

(21) PCT/SE97/01871

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) en (26) en

(31) 9604095-1 (32) **8 Nov/nov 1996 (08.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04M 19/00

(54) POWER DIVERTING DEVICE
DISPOSITIF DERIVEUR DE COURANT ELECTRIQUE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **MALMGREN, Carl, Henrik, Jörgen**; Styrmansgatan 50, 4tr, S-114 60 Stockholm (SE). **EMERICKS, Anders, Harald**; Rosengatan 3A, S-172 31 Sundbyberg (SE). **HELLBERG, Henrik, Helmer**; Virebergsvägen 26, 3tr, S-171 40 Stockholm (SE). **ISRAELSSON, Mattias**; Helgagatan 36, uppg. 7, 1tr, S-118 58 Stockholm (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21877** (13) A2

(21) PCT/US97/20995

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,537 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N

(54) METHOD AND APPARATUS FOR CREATING A TELEVISION VIEWER PROFILE
PROCEDE ET APPAREIL PERMETTANT DE CREER UN PROFIL DE TELESPECTATEUR

(71) **HYUNDAI ELECTRONICS AMERICA** [US/US]; 3101 North First Street, San Jose, CA 95134 (US).

(72) **BEDARD, Karen**; 2275 Glenkirk Drive, San Jose, CA 95124 (US).

(74) **STARK, Jon, R.** 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 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; 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 98/21878** (13) A2

(21) PCT/US97/20996

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/751,538 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N

(54) METHOD AND APPARATUS FOR LOCATING A PROGRAM IN AN ELECTRONIC PROGRAM GUIDE

PROCEDE ET APPAREIL PERMETTANT DE REPERER UN PROGRAMME DANS UN GUIDE DE PROGRAMMATION ELECTRONIQUE

(71) **HYUNDAI ELECTRONICS AMERICA** [US/US]; 3101 North First Street, San Jose, CA 95134 (US).

(72) **BEDARD, Karen**; 2275 Glenkirk Drive, San Jose, CA 95124 (US).

(74) **STARK, Jon, R.** 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 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 LT LV MD MG MK 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 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 98/21879** (13) A1

(21) PCT/US97/20757

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 751,190 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 1/327, H04Q 7/32, 7/22, H04M 1/72

(54) METHOD AND APPARATUS FOR DETECTING A FACSIMILE TRANSMISSION
PROCEDE ET APPAREIL POUR DETECTER LA TRANSMISSION DE FAC-SIMILES

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIH, Gilbert, C.** [-/US]; 10603 Dabney Drive #8, San Diego, CA 92126 (US). **JOHN, Johnny, K.** [-/US]; 12682 Torrey Bluff Drive #236, San Diego, CA 92130 (US).

(74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (US).

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

Published / Publiée : (c)

(11) **WO 98/21880** (13) A1

(21) PCT/FR97/01686

(22) **25 Sep/sep 1997 (25.09.1997)**

(25) fr (26) fr

(31) 96/13916 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FR

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 1/44

(54) METHOD AND SYSTEM FOR ENSURING THE SECURITY OF FAX TRANSMISSION USING AN IDENTIFYING CARD
PROCEDE ET SYSTEME POUR SECURISER LA TRANSMISSION DES TELECOPIES AU MOYEN D'UNE CARTE D'IDENTIFICATION

(71) **FINTEL S.A.** [FR/FR]; 87, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSSET, Franck** [FR/FR]; 96, boulevard Beaumarchais, F-75011 Paris (FR). **GAYET, Alain** [FR/FR]; 13, place des Dominos, F-92400 Courbevoie (FR). **MOULIN, Jean** [FR/FR]; 5, avenue de Beauséjour, F-92210 Draveil (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21881** (13) A1

(21) PCT/US97/21102

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,697 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 1/44, B43M 5/04, B65B 11/50

(54) CONFIDENTIAL FACSIMILE SYSTEM WITH PRESSURE SEALED SECURITY ENVELOPE
SYSTEME DE TELECOPIE CONFIDENTIELLE COMPRENANT UNE ENVELOPPE DE SECURITE SCHELLEE PAR LA PRESSION

(71) **MOORE U.S.A., INC.** [US/US]; 300 Lang Boulevard, Grand Island, NY 14072 (US).

(72) **WAGNER, David, George**; 108 October Lane, Amherst, NY 14226-1317 (US). **DYER, Michael, C.**; 21306 W. Starry Lane, Lake Zurich, IL 60047 (US).

(74) **NELSON, Jeffrey, H.**; Nixon & Vanderhuy, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21882** (13) A1

(21) PCT/IB97/01427

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 9623611.2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 3/185, 3/233

(54) HIGH VOLTAGE REGULATION BY SWITCHING RETRACE CAPACITORS
REGULATION HAUTE TENSION PAR COMMUTATION DE CONDENSATEURS DE RETOUR

- (71) **RCA THOMSON LICENSING CORPORATION** [US/US]; Two Independence Way, Princeton, NJ 08543 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TRIPOD, Luc** [CH/CH]; Lyrenweg 29, CH-8047 Zurich (CH).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/21883** (13) A1
(21) PCT/US97/20249
(22) **10 Nov/nov 1997 (10.11.1997)**
(25) en (26) en
(31) 08/749,705 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04N 3/26, 3/27
- (54) ELECTRON BEAM FOCUS VOLTAGE CIRCUIT GENERATEUR DE TENSION DE FOCALISATION DE FAISCEAU D'ELECTRONS
- (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
- (72) **FERNSLER, Ronald, Eugene**; 6132 Harlescott Road, Indianapolis, IN 46220 (US).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).
-
- Published / Publiée : (a)
- (11) **WO 98/21884** (13) A1
(21) PCT/FI97/00653
(22) **27 Oct/oct 1997 (27.10.1997)**
(25) en (26) en
(31) 964557 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FI
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04N 5/235, G06T 5/40, G01T 1/29, H04N 5/32, H05G 1/44, 1/52
- (54) OPTIMIZING METHOD FOR AUTOMATIC EXPOSURE CONTROL IN X-RAY EQUIPMENT
PROCEDE D'OPTIMISATION POUR LA COMMANDE AUTOMATIQUE DE L'EXPOSITION DANS UN APPAREIL DE RADIOGRAPHIE
- (71) **INSTRUMENTARIUM CORP.** [FI/FI]; Nahkelantie 160, FIN-04300 Tuusula (FI).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KOPSALA, Panu** [FI/FI]; Nummensityrjänkuja 6 A, FIN-04300 Tuusula (FI).
- (74) **SOLE, Timo** et al. / etc.; Leitzinger Oy, Ruoholahdenkatu 8, FIN-00180 Helsinki (FI).
- (81) DE JP US.
-
- Published / Publiée : (c)
- (11) **WO 98/21885** (13) A1
(21) PCT/IB97/01430
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 9623612.0 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04N 5/63
- (54) POWER SUPPLY FOR STANDBY MODE OPERATION
ALIMENTATION POUR FONCTIONNEMENT EN MODE SECOURS
- (71) **RCA THOMSON LICENSING CORPORATION** [US/US]; Two Independence Way, Princeton, NJ 08543 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KELLER, Anton, Werner** [CH/CH]; Chalmattstrasse 47, CH-8905 Arni (CH).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/21886** (13) A1
(21) PCT/IB97/01431
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 9623612.0 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04N 5/63
- (54) STANDBY POWER SUPPLY FOR VIDEO DISPLAY APPARATUS
ALIMENTATION DE SECOURS POUR APPAREIL D'AFFICHAGE VIDEO
- (71) **RCA THOMPSON LICENSING CORPORATION** [US/US]; Two Independence Way, Princeton, NJ 08543 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KELLER, Anton, Werner** [CH/CH]; Chalmattstrasse 47, CH-8905 Arni (CH).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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).
-
- Published / Publiée : (a)
- (11) **WO 98/21887** (13) A1
(21) PCT/US97/21011
(22) **12 Nov/nov 1997 (12.11.1997)**
(25) en (26) en
(31) 08/749,714 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04N 5/63
- (54) QUICK-RESET CIRCUIT FOR AUXILIARY POWER SUPPLY
CIRCUIT DE REMISE A L'ETAT INITIAL RAPIDE POUR ALIMENTATION EN PUISSANCE AUXILIAIRE
- (71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US).
- (72) **WILLIAMS, Kevin, Michael**; 6101 North Primrose Avenue, Indianapolis, IN 46220 (US).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ 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 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 98/21888** (13) A1
(21) PCT/IB97/01429
(22) **13 Nov/nov 1997 (13.11.1997)**
(25) en (26) en
(31) 9623629.4 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04N 5/68, 3/24
- (54) WIDTH AND PHASE CONTROL OF BLANKING PULSE
COMMANDE DE LARGEUR ET DE PHASE D'UNE IMPULSION DE SUPPRESSION
- (71) **RCA THOMSON LICENSING CORPORATION** [US/US]; Two Independence Way, Princeton, NJ 08543 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MUCHENBERGER, Manfred** [CH/CH]; Zwischenbächen 139, CH-8048 Zurich (CH).
HAFERL, Peter, Eduard [CH/CH]; Feldblumenstrasse 20, CH-8134 Adliswil (CH).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21889** (13) A1

(21) PCT/US96/17876

(22) **8 Nov/nov 1996 (08.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 5/76, 7/26, 7/12, G06F 17/28, 13/372

(54) METHODS AND APPARATUS FOR A PROGRAMMABLE BITSTREAM PARSER FOR AUDIOVISUAL AND GENERIC DECODING SYSTEMS
PROCEDES ET DISPOSITIF POUR ANALYSEUR DE TRAIN BINAIRE PROGRAMMABLE DESTINE A DES SYSTEMES AUDIOVISUELS ET DE DECODAGE GENERIQUE

(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) **ELEFThERIADES, Alexandros** [GR/US]; Apartment 4L, 560 Riverside Drive, New York, NY 10027 (US). **FANG, Yihan** [CN/US]; Apartment 2E, 539 West 112th Street, New York, NY 10025 (US).

(74) **TANG, Henry** et al. / etc.; Brumbaugh, Graves, Donohue & Raymond, 30 Rockefeller Plaza, New York, NY 10112 (US).

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

(11) **WO 98/21890** (13) A1

(21) PCT/US97/20858

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/745,508 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/747,204 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(31) 08/747,207 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 7/16

(54) SYSTEM AND METHOD FOR RECEIVING AND RENDERING MULTI-LINGUAL TEXT ON A SET TOP BOX
SYSTEME ET PROCEDE PERMETTANT DE RECEVOIR ET DE REPRODUIRE DES TEXTES EN PLUSIEURS LANGUES SUR UN COFFRET D'ABONNE

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian, Indianapolis, IN 46290 (US).

(72) **KANUNGO, Rajesh**; 765 Limerick Court, Sunnyvale, CA 94087 (US). **MOTOFUJI, Richard, K.**; 285 Columbia Avenue, Kensington, CA 94708 (US).

(74) **KIVLIN, B., Noël**; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH 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 98/21891** (13) A2

(21) PCT/IB97/01420

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 9623717.7 (32) **14 Nov/nov 1996 (14.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 7/173

(54) INHIBITION OF A TV PROGRAMME DISPLAY ACCORDING TO THE CONTENTS
BLOCAGE DE LA DIFFUSION D'UNE EMISSION DE TELEVISION EN FONCTION DE SON CONTENU

(71) **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) **TARRANT, David, Robert**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ANDREWS, Arthur, S.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/21892** (13) A1

(21) PCT/US97/21818

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/749,452 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 7/18

(54) VIDEO RECOGNITION SYSTEM
SYSTEME DE RECONNAISSANCE VIDEO

(63) US 08/749,452 (CON)
15 Nov/nov 1996 (15.11.1996)

(71) **BURFORD CORP.** [US/US]; P.O. Box 714, Maysville, OK 73057 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAGLE, Stephen, B.** [US/US]; Route 1, Box 106F, Tuttle, OK 73089 (US). **CLEMONS, Scott, L.** [US/US]; 1721 Asbury Center, Norman, OK 73071 (US).

(74) **CRUTSINGER, Gerald, G.** et al. / etc.; Crutsinger & Booth, Suite 1950, 1601 Elm Street, Dallas, TX 75201-4744 (US).

(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 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 98/21893** (13) A1

(21) PCT/IB97/01356

(22) **30 Oct/oct 1997 (30.10.1997)**

(25) en (26) en

(31) 9623573.4 (32) **13 Nov/nov 1996 (13.11.1996)** (33) GB

(43) 22 May/mai 1998 (22.05.1998)

(51) H04N 7/26, G06T 5/00

(54) IMAGE SEGMENTATION
SEGMENTATION D'IMAGE

(71) **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) **TREW, Timothy, Ian, Paterson**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GALLERY, Richard, David**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ANDREWS, Arthur, S.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

Published / Publiée : (c)

(11) **WO 98/21894** (13) A1

(21) PCT/DE97/02715

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) de (26) de

(31) 196 48 612.2 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04N 7/36, 7/50

(54) METHOD OF COMPRESSING MOVING IMAGE DATA AND CODING DEVICE FOR CARRYING OUT SAID METHOD
PROCEDE DE COMPRESSION DE DONNEES D'IMAGE EN MOUVEMENT ET DISPOSITIF DE CODAGE POUR METTRE LEDIT PROCEDE EN OEUVRE

(71) **TELES AG INFORMATIONSTECHNOLOGIEN** [DE/DE]; Dovesstrasse 2-4, D-12587 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **WENGER, Stephan** [DE/DE]; Am Pichelssee 54a, D-13595 Berlin (DE).

(74) **MÜLLER, Wolfram, H.**; Maikowski & Ninnemann, Xantener Strasse 10, D-10707 Berlin (DE).

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

Published / Publiée : (c)

- (11) **WO 98/21895** (13) A1
(25) ja (26) ja
(21) PCT/JP97/04052
(22) **7 Nov/nov 1997 (07.11.1997)**
(31) 8/296103 (32) **8 Nov/nov 1996 (08.11.1996)** (33) JP
(31) 8/317343 (32) **28 Nov/nov 1996 (28.11.1996)** (33) JP
(31) 9/24897 (32) **7 Feb/fév 1997 (07.02.1997)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04N 7/52
(54) IMAGE CODER AND IMAGE CODING METHOD, AND IMAGE DECODER AND IMAGE DECODING METHOD, AND QUANTIZATION CONTROL METHOD AND INVERSE QUANTIZATION CONTROL METHOD, AND DATA RECORDING MEDIUM
CODEUR D'IMAGE ET PROCEDE DE CODAGE D'IMAGE, DECODEUR D'IMAGE ET PROCEDE DE DECODAGE D'IMAGE, PROCEDE DE COMMANDE PAR QUANTIFICATION ET PROCEDE DE COMMANDE PAR QUANTIFICATION INVERSE, ET SUPPORT D'ENREGISTREMENT DE DONNEES
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NISHI, Takahiro** [JP/JP]; 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572 (JP).
KADONO, Shinya [JP/JP]; 5-15-11, Seiwadai, Kita-ku, Kobe-shi, Hyogo 651-11 (JP).
- (74) **HAYASE, Kenichi**; 8F, Ana Building, 17-1, Enokicho, Suita-shi, Osaka 564 (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 98/21896** (13) A1
(25) ja (26) ja
(21) PCT/JP97/04107
(22) **12 Nov/nov 1997 (12.11.1997)**
(31) 8/300006 (32) **12 Nov/nov 1996 (12.11.1996)** (33) JP
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04N 7/52
(54) DIGITAL IMAGE CODING METHOD AND DIGITAL IMAGE CODER, AND DIGITAL IMAGE DECODING METHOD AND DIGITAL IMAGE DECODER, AND DATA STORAGE MEDIUM
CODEURS ET DECODEURS D'IMAGES NUMERIQUES, PROCEDES CORRESPONDANTS, ET SUPPORT DE DONNEES
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOON, Choong, Seng** [MY/JP]; Room 416, Shatomorioka, 2-5, Toudacho 4-chome, Moriguchi-shi, Osaka 570 (JP).
- (74) **HAYASE, Kenichi**; 8F, Ana Building, 17-1, Enokicho, Suita-shi, Osaka 564 (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 98/21897** (13) A2
(25) fi (26) en
(21) PCT/US97/20659
(22) **28 Feb/fév 1997 (28.02.1997)**
(31) 964571 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FI
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04Q 3/00, H04M 3/42
(54) CALL SET-UP BY AN INTELLIGENT NETWORK
ETABLISSEMENT DES COMMUNICATIONS PAR UN RESEAU INTELLIGENT
- (71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Upseerinkatu 1, FIN-02600 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALLENIUS, Jukka** [FI/FI]; Keintutie 8 G 41, FIN-00940 Helsinki (FI).
- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 98/21900** (13) A1
(25) en (26) en
(21) PCT/FI97/00674
(22) **6 Nov/nov 1997 (06.11.1997)**
(31) 964510 (32) **8 Nov/nov 1996 (08.11.1996)** (33) FI
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04Q 3/00, H04M 3/54
(54) METHOD AND ARRANGEMENT FOR CALL FORWARDING IN INTELLIGENT NETWORK
PROCEDE ET DISPOSITIF DE TRANSFERT D'APPEL DANS UN RESEAU INTELLIGENT
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIKULA, Vesa-Pekka** [FI/FI]; Kierretie 7 E, FIN-01650 Vantaa (FI).
LINDSTRÖM, Niko [FI/FI]; Rakuunantie 8 A 26, FIN-00330 Helsinki (FI).
AHOLA, Kalevi [FI/FI]; Kotiniityntie 16, FIN-02400 Kirkkonummi (FI).
- (74) **BORENIUS & CO. OY AB**; Kansakoulukuja 3, 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 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).
-
- Published / Publiée : (c)
-
- (11) **WO 98/21901** (13) A1
(25) en (26) en
(21) PCT/FI97/00692
(22) **13 Nov/nov 1997 (13.11.1997)**
(31) 964570 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FI
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04Q 3/00, H04M 3/56
(54) MERGING OF CALLS
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **BRAXTON, Thomas, R.**; P.O. Box 3323, Boynton Beach, FL 33424 (US).
DIPERNA, Gina, M.; 10874 Bal Harbor Drive, Boca Raton, FL 33498 (US).
SPIRO, Allan, I.; 8650-2 Eagle Run Drive, Boca Raton, FL 33434 (US).
- (74) **NICHOLS, Daniel, K.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1500 Gateway Boulevard, MS96, Boynton Beach, FL 33426-8292 (US).
- (81) CN DE GB JP SG.
-
- (11) **WO 98/21899** (13) A1
(25) fi (26) en
(21) PCT/FI97/00134
(22) **28 Feb/fév 1997 (28.02.1997)**
(31) 964571 (32) **14 Nov/nov 1996 (14.11.1996)** (33) FI
(43) 22 May/mai 1998 (22.05.1998)
(51)⁶ H04Q 3/00, H04M 3/56
(54) MERGING OF CALLS

FUSION D'APPELS

- (71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALLENIUS, Jukka** [FI/FI]; Keintutie 8 G 41, FIN-00940 Helsinki (FI).
- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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).

Published / Publiée : (c)

- (11) **WO 98/21902** (13) A2
- (21) PCT/US97/19868
- (22) **31 Oct/oct 1997 (31.10.1997)**
- (25) en (26) en
- (31) 08/748,289 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H04Q 3/00, H04M 3/42, 15/00
- (54) METHOD AND SYSTEM FOR CAPTURING AND RECORDING CALL INFORMATION
PROCEDE ET SYSTEME POUR CAPTER ET ENREGISTRER DES INFORMATIONS D'APPELS
- (71) **BELLSOUTH CORPORATION** [US/US]; 1155 Peachtree Street, N.E., Atlanta, GA 30309 (US).
- (72) **DESAI, Nailish, B.**; 4324 River Stream Circle, Norcross, GA 30092 (US). **SCHMIDT, Richard, C.**; 10685 Oxford Mill Circle, Alpharetta, GA 30202 (US).
- (74) **TOCUPS, Nora, M** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21903** (13) A1

- (21) PCT/GB97/03041
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 96308138.5 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP
- (34) AT et al. / etc.
- (31) 96308139.3 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP
- (34) AT et al. / etc.
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H04Q 3/62
- (54) TELECOMMUNICATIONS NETWORKS
RESEAUX DE TELECOMMUNICATIONS

- (71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ALLARD, Frank, Richard** [FR/GB]; 112 Finchley Road, Ipswich, Suffolk IP4 2HS (GB).
- (74) **WELLS, David**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21904** (13) A1

- (21) PCT/GB97/03042
- (22) **5 Nov/nov 1997 (05.11.1997)**
- (25) en (26) en
- (31) 96308138.5 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP
- (34) AT et al. / etc.
- (31) 96308139.3 (32) **11 Nov/nov 1996 (11.11.1996)** (33) EP
- (34) AT et al. / etc.
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H04Q 3/62

(54) TELECOMMUNICATIONS NETWORKS
RESEAUX DE TELECOMMUNICATIONS

- (71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ALLARD, Frank, Richard** [FR/GB]; 112 Finchley Road, Ipswich, Suffolk IP4 2HS (GB).
- (74) **WELLS, David**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/21905** (13) A2

- (21) PCT/DE97/02624
- (22) **10 Nov/nov 1997 (10.11.1997)**
- (25) de (26) de
- (31) 196 47 109.5 (32) **14 Nov/nov 1996 (14.11.1996)** (33) DE
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H04Q 7/22, H04M 3/42
- (54) METHOD AND DEVICE TO PROVIDE ACCESS TO SERVICES AND EQUIPMENT IN A GSM MOBILE TELEPHONE NETWORK VIA AN EXTERNAL TELECOMMUNICATION NETWORK

PROCEDE ET DISPOSITIF POUR PERMETTRE L'ACCES A DES SERVICES ET A DES EQUIPEMENTS DANS UN RESEAU TELEPHONIQUE MOBILE GSM PAR L'INTERMEDIAIRE D'UN RESEAU DE TELECOMMUNICATIONS EXTERNE

- (71) **DETEMOBIL DEUTSCHE TELEKOM MOBILNET GMBH** [DE/DE]; Landgrabenweg 151, D-53227 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BRUNE, Peter** [DE/DE]; Noldestrasse 56, D-53340 Meckenheim (DE). **HAUSER, Hans** [DE/DE]; Konrad-Adenauer-Strasse 6a, D-53343 Wachtberg (DE). **LJUNGSTRÖM, Patrick** [DE/DE]; Petersbergweg 14, D-53227 Bonn (DE).

- (74) **RIEBLING, Peter**; Postfach 31 60, 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 HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/21906** (13) A1

- (21) PCT/SE97/01893
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) en (26) en
- (31) 08/748,754 (32) **14 Nov/nov 1996 (14.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H04Q 7/22
- (54) SYSTEM AND METHOD FOR DATA EXCHANGE BETWEEN SUBSCRIBERS SUPPORTING INCOMPATIBLE STANDARDS
SYSTEME ET PROCEDE POUR ECHANGE DE DONNEES ENTRE ABONNES, UTILISANT DES NORMES INCOMPATIBLES

- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

- (72) **ANDERSSON, Dick**; Kastrupgatan 3, S-164 41 Kista (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21907** (13) A2

- (21) PCT/SE97/01895
- (22) **11 Nov/nov 1997 (11.11.1997)**
- (25) en (26) en
- (31) 08/747,838 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H04Q 7/22, H04M 15/12

(54) SELECTIVE BROADCASTING OF CHARGE RATES
DIFFUSION SELECTIVE DE TARIFS DE TAXATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **VEDEL, Peter**; Malmvägen 4A, 7 tr., S-191 61 Sollentuna (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21908** (13) A1

(21) PCT/US97/15104

(22) **27 Aug/Août 1997 (27.08.1997)**

(25) en (26) en

(31) 08/745,523 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04Q 7/22

(54) DETERMINING HANDOVER MARGINS IN A CELLULAR SYSTEM
DETERMINATION DES MARGES DE TRANSFERT DANS UN SYSTEME CELLULAIRE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **CHANDRA, Claudia**; 200 N. Arlington Heights Road #607, Arlington Heights, IL 60006 (US). **LEUNG, Wu-Hon, Francis**; 1916 Elanore Avenue, Downers Grove, IL 60515 (US). **JEANES, Timothy, M.**; 1543 Silver Lane, Palatine, IL 60067 (US).

(74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

(11) **WO 98/21909** (13) A1

(21) PCT/EP96/05012

(22) **14 Nov/nov 1996 (14.11.1996)**

(25) en (26) en

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04Q 7/38

(54) A METHOD TO ARRANGE MONITORING OF BASE STATIONS WITH DISCONTINUOUS CONTROL CHANNEL TRANSMISSIONS
PROCEDE DE SURVEILLANCE DE STATIONS DE BASE AU MOYEN D'EMISSIONS DISCONTINUES DANS LE CANAL DE COMMANDE

(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) **SILVENTOINEN, Marko** [FI/FI]; PSR 9 D 125, FIN-00530 Helsinki (FI). **RAUTIOLA, Markku** [FI/FI]; Kaonpääkatu 47, FIN-33830 Tampere (FI).

(74) **PELLMANN, Hans-Bernd**; Tiedtke-Bühling-Kinne & Partner, Bavariaring 4, 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 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 (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 98/21910** (13) A2

(21) PCT/SE97/01801

(22) **28 Oct/oct 1997 (28.10.1997)**

(25) en (26) en

(31) 08/747,201 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04Q 7/38, 7/30

(54) CHANNEL RESOURCE MANAGEMENT WITHIN A DIGITAL MOBILE COMMUNICATIONS NETWORK
GESTION DE RESSOURCES DE CANAUX A L'INTERIEUR D'UN RESEAU DE COMMUNICATIONS MOBILES NUMERIQUES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **NORSTEDT, Bengt**; Gimlevägen 15, S-182 64 Djursholm (SE). **WESTER, Magnus**; Mjölnarbacken 74, S-172 38 Sundbyberg (SE). **BODIN, Roland**; Gribbyvägen 55, S-163 59 Spånga (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21911** (13) A1

(21) PCT/SE97/01896

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 08/747,594 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04Q 7/38, H04M 3/42

(54) DEVICE FOR ROUTING INFORMATION UPDATES
DISPOSITIF DE MISE A JOUR DES INFORMATIONS D'ADRESSE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **TRÄNK, Jörgen**; Hallonstigen 3, S-651 15 Kil (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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).

Published / Publiée : (c)

(11) **WO 98/21912** (13) A2

(21) PCT/US97/18242

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

(25) en (26) en

(31) 08/749,236 (32) **15 Nov/nov 1996 (15.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04Q 7/38, 7/22

(54) METHOD FOR INCREASING CONTROL CHANNEL CAPACITY IN A COMMUNICATION SYSTEM
PROCEDE POUR AUGMENTER LA CAPACITE D'UN CANAL DE COMMANDE DANS UN SYSTEME DE COMMUNICATION

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, Research Park, NC 27709 (US).

(72) **MASSINGILL, Larry, William**; 2370 NC39N, Selma, NC 27576 (US). **SÖLVE, Torbjörn, Wilson**; 108 West Clarksville Court, Cary, NC 27513 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX 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 98/21913** (13) A2

(21) PCT/US97/20246

(22) **10 Nov/nov 1997 (10.11.1997)**

(25) en (26) en

(31) 08/747,464 (32) **12 Nov/nov 1996 (12.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04Q 7/38, 7/22, 7/24

(54) ADDRESS RETRIEVAL SYSTEM
SYSTEME DE RECHERCHE D'ADRESSE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **BHATIA, Ranjit**; 12920 Audelia #268, Dallas, TX 75243 (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 HU ID
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX 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 98/21914** (13) A2

(21) PCT/DE97/02199

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) de (26) de

(31) 196 46 626.1 (32) **12 Nov/nov 1996 (12.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04Q 11/00

(54) POWER SUPPLY SYSTEM FOR A LOAD, AND USE
SYSTEME D'ALIMENTATION ELECTRIQUE
D'UNE CHARGE, ET UTILISATION

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30
02 20, D-70442 Stuttgart (DE).

(72) **ROEBISCH, Harald**; Strasse der Jugend 14a,
D-01896 Lichtenberg (DE). **WENIG, Dietmar**;
Fasanenweg 2, D-71573 Allmersbach im Tal (DE).

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

(11) **WO 98/21915** (13) A1

(21) PCT/IB97/01203

(22) **3 Oct/oct 1997 (03.10.1997)**

(25) en (26) en

(31) 96203131.6 (32) **8 Nov/nov 1996 (08.11.1996)** (33) EP

(34) NL et al. / etc.

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H04S 1/00

(54) AN ARRANGEMENT, A SYSTEM, A CIRCUIT
AND A METHOD FOR ENHANCING A STEREO
IMAGE
DISPOSITIF, SYSTEME, CIRCUIT ET PRO-
CEDE PERMETTANT D'AMELIORER UNE
IMAGE STEREO

(71) **PHILIPS ELECTRONICS N.V.** [NL/NL]; Groe-
newoudseweg 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) **AARTS, Ronaldus, Maria**; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). **BELJER, Paul,**
Arnold, Christiaan; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). **TOONEN DEKKERS,**
Robertus, Theodorus, Johannes; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).

(74) **SCHOONHEIJM, Harry, B.**; Internationaal Oc-
trooibureau B.V., P.O. Box 220, NL-5600 AE
Eindhoven (NL).

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

(11) **WO 98/21916** (13) A1

(21) PCT/SE97/01888

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) sv (26) en

(31) 9604178-5 (32) **14 Nov/nov 1996 (14.11.1996)** (33) SE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H05B 1/02, F24C 7/08, G08B 17/12

(54) A DEVICE IN A MONITORING UNIT FOR
HEAT-EMITTING
DISPOSITIF POUR UNITE DE SURVEILLANCE
DE LA DIFFUSION DE CHALEUR

(71) **TIMER-CLOCK HL AB** [SE/SE]; P.O. Box 135,
S-545 23 Töreboda (SE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **HASSELSTRÖM, Claes** [SE/BE]; Avenue
Franklin Roosevelt 182, B-1050 Bryssel (BE).

(74) **LUNDQUIST, Lars-Olof**; L-O Lundquist Patent-
byrå AB, P.O. Box 80, S-651 03 Karlstad (SE).

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

(11) **WO 98/21917** (13) A1

(21) PCT/GB97/03091

(22) **11 Nov/nov 1997 (11.11.1997)**

(25) en (26) en

(31) 9623500.7 (32) **12 Nov/nov 1996 (12.11.1996)** (33) GB

(31) 60/032,409 (32) **4 Dec/déc 1996 (04.12.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H05B 33/08, B64D 47/06, F21Q 3/00

(54) LAMP
LAMPE

(71) **L.F.D. LIMITED** [GB/GB]; 6 White Hart Road,
Gosport, Hampshire PO12 2JE (GB).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **FLECK, Leonard** [GB/GB]; 22 Solent Way,
Alverstoke, Gosport, Hampshire PO12 2NS (GB).

(74) **BROOKS, Nigel**; Hill Hampton, East Meon, Pe-
tersfield, Hampshire GU32 1QN (GB).

(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 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 98/21918** (13) A1

(21) PCT/US97/20636

(22) **13 Nov/nov 1997 (13.11.1997)**

(25) en (26) en

(31) 08/748,262 (32) **13 Nov/nov 1996 (13.11.1996)** (33) US

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H05B 33/08, H03K 17/18, H04B 10/00

(54) REDUCED CURRENT CONSUMPTION CIR-
CUIT FOR LED DEVICES
CIRCUIT A CONSOMMATION DE COURANT
REDUITE POUR DIODES ELECTROLUMINES-
CENTES

(71) **SQUARE D COMPANY** [US/US]; 1415 South
Roselle Road, Palatine, IL 60067 (US).

(72) **CARLIN, Charles, C.**; 1037 Ridege Road,
Clayton, NC 27520 (US).

(74) **GOLDEN, Larry, I.**; Square D Company, General
Patent Counsel, 1415 South Roselle Road, Palatine,
IL 60067 (US).

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

Published / Publiée : (c)

(11) **WO 98/21919** (13) A1

(21) PCT/DE97/02662

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 196 47 710.7 (32) **11 Nov/nov 1996 (11.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H05B 33/14, C09K 11/84, 11/88

(54) PHOSPHOR FOR DISPLAY SCREENS AND
THIN-LAYER ELECTROLUMINESCENT DIS-
PLAY SCREENS WITH SUCH PHOSPHOR
PHOSPHORE POUR ECRANS DE VISUALISA-
TION ET ECRAN DE VISUALISATION ELEC-
TROLUMINESCENT A COUCHE MINCE MUNI
D'UN TEL PHOSPHORE

(71) **HEINRICH-HERTZ-INSTITUT FÜR NA-
CHRICHTENTECHNIK BERLIN GMBH**
[DE/DE]; Einsteinufer 37, D-10587 Berlin (DE).
(for all designated States except / pour tous les États
désignés sauf US)

(72, 75) **VELTHAUS, Karl-Otto** [DE/DE]; Klingsors-
trasse 118, D-12203 Berlin (DE).

(81) BY CA CN JP KR NO RU SG US; EP (AT BE
CH DE DK ES FI FR GB GR IE IT LU MC NL
PT SE).

Published / Publiée : (c)

(11) **WO 98/21920** (13) A1

(21) PCT/DE97/02486

(22) **25 Oct/oct 1997 (25.10.1997)**

(25) de (26) de

(31) 196 46 861.2 (32) **13 Nov/nov 1996 (13.11.1996)** (33) DE

(43) 22 May/mai 1998 (22.05.1998)

(51)⁶ H05B 41/26

(54) GAS DISCHARGE LAMP
LAMPE LUMINESCENTE A GAZ

(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) **PREIS, Karl-Heinrich** [DE/DE]; Breitmatt-
trasse 1, D-77830 Bühlertal (DE). **KERN, Robert**
[DE/DE]; Albert-Schneble-Strasse 28, D-77830
Bühlertal (DE).

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

(11) **WO 98/21921** (13) A1

(21) PCT/DE97/02591

(22) **7 Nov/nov 1997 (07.11.1997)**

(25) de (26) de

- (31) 296 19 481.6 (32) **11 Nov/nov 1996** (33) DE
(11.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H05K 7/14
- (54) SUB-RACK WITH AT LEAST ONE FRONT-SIDED VERTICAL ASSEMBLY GROOVE
BATI ELECTRONIQUE COMPORTANT AU MOINS UNE RAINURE DE MONTAGE VERTICALE SUR LE COTE AVANT
- (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) **KURRER, Siegfried** [DE/DE]; Im Lindenhain 4, D-90449 Nürnberg (DE). **BILLENSTEIN, Ernst** [DE/DE]; Schwebheim Hauptstrasse 43, D-91593 Burgbernheim (DE). **KÖRBER, Werner** [DE/DE]; Weidensees 36, D-91282 Betzenstein (DE).
- (81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/21922** (13) A1
- (21) PCT/DE97/02604
- (22) **7 Nov/nov 1997** (07.11.1997)
- (25) de (26) de
- (31) 296 19 482.4 (32) **11 Nov/nov 1996** (33) DE
(11.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H05K 7/20
- (54) AIR COOLING SUB-RACK FOR PRINTED CIRCUITS
BATI ELECTRONIQUE AVEC REFROIDISSEMENT A AIR POUR CARTES DE CIRCUITS
- (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) **KÖRBER, Werner** [DE/DE]; Weidensees 36, D-91282 Betzenstein (DE). **BILLENSTEIN, Ernst** [DE/DE]; Schwebheim Hauptstraße 43, D-91593 Burgbernheim (DE). **SCHAFFER, Kurt-Michael** [DE/DE]; Mausees 6, D-90542 Eckental (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).
- Published / Publiée : (c)
-
- (11) **WO 98/21923** (13) A1
- (21) PCT/DE97/00758
- (22) **16 Apr/avr 1997** (16.04.1997)
- (25) de (26) de
- (31) 296 19 565.0 (32) **11 Nov/nov 1996** (33) DE
(11.11.1996)
- (43) 22 May/mai 1998 (22.05.1998)
- (51)⁶ H05K 9/00
- (54) ABGESCHIRMTER BAUGRUPPENTRÄGER FÜR ELEKTRISCHE FLACHBAUGRUPPEN
PORTE-CARTES PROTEGE POUR CARTES A CIRCUIT IMPRIME ELECTRIQUES
- (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) **BEHRENS, Ralf** [DE/DE]; Friedrich-Löffler-Strasse 17, D-90419 Nürnberg (DE). **KOERBER, Werner** [DE/DE]; Weidensees 36, D-91282 Betzenstein (DE). **KURRER, Siegfried** [DE/DE]; Im Lindenhain 4, D-90449 Nürnberg (DE). **SCHAFFER, Kurt-Michael** [DE/DE]; Mausees 6, D-90542 Eckental (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).