

Canadian Patents Issued

December 10, 2002

Brevets canadiens délivrés

10 décembre 2002

[11] **1,341,407**
[13] C
[52] 195-122.5 150-5 167-37 530-15.06
[51] **Int.Cl. 7C12N 9/72 7C07K 16/40**
7C12P 21/02 7G01N 33/574 7G01N 33/573
7G01N 33/58
[25] EN
[54] **METHOD FOR TREATING AND PREVENTING LOSS OF BONE MASS**
[54] METHODE DE PREVENTION ET DE TRAITEMENT DE LA PERTE DE MASSE OSSEUSE
[72] Stephens, Ross Wentworth, AU
[72] Golder, Jeffrey Philip, AU
[72] Goss, Neil Howard, AU
[72] Antalis, Toni Marie, AU
[73] BIOTECHNOLOGY AUSTRALIA PTY. LTD., AU
[73] AUSTRALIAN NATIONAL UNIVERSITY (THE), AU
[21] **488,622**
[22] 1985-08-13
[30] AU (PG 6531) 1984-08-13

[11] **1,341,408**
[13] C
[52] 167-147
[51] **Int.Cl. 7A61K 31/592**
[25] EN
[54] **MINACTIVIN**
[54] MINACTIVIN
[72] Deluca, Hector F., US
[72] Bishop, Charles W., US
[72] Mazess, Richard B., US
[72] Gallagher, John C., US
[73] BONE CARE INTERNATIONAL, INC., US
[21] **583,162**
[22] 1988-11-15
[30] US (227371) 1988-08-02

[11] **2,007,219**
[13] C
[51] **Int.Cl. 5B60G 11/26 5B60B 35/02**
[25] EN
[54] **TRAILER SUSPENSION APPARATUS**
[54] SYSTEME DE SUSPENSION POUR REMORQUE
[72] SMITH, EARL DALLAS, US
[72] DEFAZEKAS, JOSEF P., US
[72] COOPER, HERBERT E., US
[73] DBX CORPORATION, US
[22] 1990-01-05
[30] US (314,812) 1989-02-22

[11] **2,008,060**
[13] C
[51] **Int.Cl. 5G01N 33/543 5G01N 33/53**
[25] EN
[54] **USE OF DOUBLY OR TRIPLY CHARGED CATIONS IN IMMUNOCHEMICAL ASSAYS**
[54] UTILISATION DE CATIONS A DOUBLE OU TRIPLE CHARGE DANS DES DOSAGES IMMUNOCHIMIQUES
[72] GIESENDORF, BERNHARD, DE
[73] DADE BEHRING MARBURG GMBH, DE
[22] 1990-01-18
[30] DE (P 39 01 458.4) 1989-01-19

[11] **2,014,624**
[13] C
[51] **Int.Cl. 7A61B 17/04 7A61B 17/06**
5A61J 1/10 5B65D 81/18
[25] EN
[54] **SELF-CONTAINED SURGICAL SUTURE PACKAGE**
[54] ETUI AVEC NECESSAIRE DE SUTURE CHIRURGICALE
[72] CHAMBERS, ELIZABETH A., US
[73] SHERWOOD SERVICES AG, CH
[22] 1990-04-17
[30] US (07/340,340) 1989-04-19

[11] **2,019,994**
[13] C
[51] **Int.Cl. 5C08L 23/16 5B32B 15/08**
[25] EN
[54] **POLYMERIC BLEND AND LAMINATED STRUCTURES PREPARED THEREFROM**
[54] MELANGE POLYMER ET STRATIFIES FAITS DE CE MATERIAU
[72] CLINGERMAN, GEORGE, US
[72] STEVENS, BRAD, US
[72] ACHILLE, FELIX, US
[73] THE DOW CHEMICAL COMPANY, US
[22] 1990-06-27
[30] US (372,583) 1989-06-28

[11] **2,022,445**
[13] C
[51] **Int.Cl. 5B65D 41/30**
[25] EN
[54] **SNAP CAP**
[54] CAPSULE A ENCLIQUETER
[72] JORDAN, WILLIE WALTER, US
[72] MCGRAW, BRIAN JOHN, US
[73] ABBOTT LABORATORIES, US
[22] 1990-08-01
[30] US (404,842) 1989-09-08

[11] **2,024,065**
[13] C
[51] **Int.Cl. 5G02B 6/40**
[25] EN
[54] **CONNECTOR ASSEMBLIES FOR OPTICAL FIBER LIGHT CABLES**
[54] ENSEMBLES DE CONNECTEURS POUR CABLES OPTIQUES SERVANT A LA TRANSMISSION DE LA LUMIERE
[72] PARKER, JEFFERY R., US
[73] LUMITEX, INC., US
[22] 1990-08-27
[30] US (07/399,573) 1989-08-28

Canadian Patents Issued
December 10, 2002

[11] 2,027,122
[13] C

[51] Int.Cl. 5C08F 4/642
[25] EN
[54] MAKING METALLOCENE CATALYSTS USING ALUMINUM ALKYL FOR CONTROLLED POLYMERIZATION OF OLEFINS
[54] PREPARATION DE SYSTEMES CATALYTIQUES A BASE DE METALLOCENE ET D'ALKYLALUMINIUM POUR LA POLYMERISATION DIRIGEE D'OLEFINES
[72] EWEN, JOHN A., US
[72] ELDER, MICHAEL J., US
[73] FINA TECHNOLOGY, INC., US
[22] 1990-10-09
[30] US (419,222) 1989-10-30

[11] 2,027,145
[13] C

[51] Int.Cl. 5C08F 4/642
[25] EN
[54] METALLOCENE CATALYSTS WITH LEWIS ACIDS AND ALUMINUM ALKYL
[54] CATALYSEURS A BASE DE METALLOCENE, D'ACIDES DE LEWIS ET D'ALKYLALUMINIUM
[72] ELDER, MICHAEL J., US
[72] EWEN, JOHN A., US
[73] FINA TECHNOLOGY, INC., US
[22] 1990-10-09
[30] US (419,057) 1989-10-10

[11] 2,027,338
[13] C

[51] Int.Cl. 5C08K 3/10 5C08L 67/02
[25] EN
[54] HIGHLY FILLED THERMOPLASTIC POLYESTER MOLDING COMPOSITIONS
[54] COMPOSITIONS DE MOULAGE DE POLYESTER THERMOPLASTIQUE A FORTE PROPORTION DE CHARGE
[72] FISHER, ROBERT ALLAN, US
[72] GRAY, KEITH NICHOLS, US
[72] WALLACE, LAWRENCE REED, US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1990-10-11
[30] US (424,749) 1989-10-20

[11] 2,034,219
[13] C

[51] Int.Cl. 5B65H 45/12
[25] EN
[54] APPARATUS FOR FOLDING AN EDGE ON A CONTINUOUS MATERIAL WEB
[54] APPAREIL DE PLIAGE D'UN BORD SUR MATERIAU EN BANDE CONTINUE
[72] LOVENBRANT, JAN, SE
[72] TETRA LAVAL HOLDINGS & FINANCE, S.A., CH
[22] 1991-01-15
[30] SE (9000153-8) 1990-01-16

[11] 2,036,360
[13] C

[51] Int.Cl. 5C07C 69/63 5C07D 207/16 5C07C 49/167 5C07C 271/22 5C07C 69/716
[25] EN
[54] REAGENTS AND METHODS FOR STEREOSPECIFIC FLUOROMETHYLATION
[54] REACTIFS ET METHODES POUR LA FLUOROMETHYLATION STEREOSPECIFIQUE
[72] PALMER, JAMES T., US
[73] PROTOTEK, INC., US
[22] 1991-02-14
[30] US (481,995) 1990-02-16

[11] 2,037,845
[13] C

[51] Int.Cl. 5G01N 1/30 5G01N 33/52 5G01N 33/532 5G01N 33/58
[25] EN
[54] LIGHT STABLE PHYSICAL DEVELOPER
[54] REVELATEUR PHYSIQUE STABLE A LA LUMIERE
[72] NOPPE, MARCUS J.M., BE
[72] VAN NUFFEL, LUCAS A.M., BE
[73] JANSSEN PHARMACEUTICA NAAMLOZE VENNOOTSCHAP, BE
[22] 1991-03-08
[30] GB (90.05.753.0) 1990-03-14

[11] 2,038,423
[13] C

[51] Int.Cl. 5G01N 33/571
[25] EN
[54] PROCESS FOR PREPARING A PURIFIED TREPONEMAL ANTIGEN AND USE THEREOF
[54] PROCEDE DE PREPARATION D'UN ANTIGENE PURIFIE DU TREPONEME ET UTILISATION DE CE PROCEDE.
[72] ISHIKAWA, FUMIO, JP
[72] NAGAHARA, KOUHEI, JP
[72] MATSUMOTO, MIE, JP
[73] SEKISUI CHEMICAL CO., LTD., JP
[22] 1991-03-15
[30] JP (67986/1990) 1990-03-16

[11] 2,038,438
[13] C

[51] Int.Cl. 5B63H 23/32
[25] EN
[54] MARINE PROPULSION DEVICE BEARING ARRANGEMENT
[54] CONFIGURAITON D'UN DISPOSITIF DE PROPULSION MARINE
[72] MONDEK, MARTIN J., US
[73] BOMBARDIER MOTOR CORPORATION OF AMERICA, US
[22] 1991-03-18
[30] US (512,994) 1990-04-23

[11] 2,039,485
[13] C

[51] Int.Cl. 5C10G 61/04 5C10G 7/00 5C10M 143/10 5C10M 133/38
[25] EN
[54] PROCESS FOR PRODUCING TRANSFORMER OIL FROM A HYDROCRACKED STOCK
[54] PROCEDE DE FABRICATION D'HUILE POUR TRANSFORMATEURS, A PARTIR DE MATIERE PREMIERE HYDROCRAQUEE
[72] OLAVESSEN, CHRISTOPHER, CA
[72] BUTLER, KEVIN DAVID, CA
[73] IMPERIAL OIL LIMITED, CA
[22] 1991-03-28
[30] US (526,258) 1990-05-21

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,040,734**
[13] C

[51] **Int.Cl. 5B65D 19/26**
[25] EN
[54] **PALLET CONSTRUCTION**
[54] **PALLETTE**
[72] FIEDLER, LESLIE C., US
[73] FIEDLER, LESLIE C., US
[22] 1991-04-18

[11] **2,041,470**
[13] C

[51] **Int.Cl. 5C08J 9/42 5B32B 33/00**
5B32B 27/02 5A41D 31/02 5C08J 7/04
5B32B 27/12 5C09K 3/18 5B01D 71/36
[25] EN
[54] **IMPROVED MICROPOROUS**
WATERPROOF AND MOISTURE
VAPOR PERMEABLE STRUCTURES,
PROCESSES OF MANUFACTURE AND
USEFUL ARTICLES THEREOF
[54] **STRUCTURES MICROPOREUSES**
IMPERMEABLES A L'EAU MAIS
PERMEABLES A LA VAPEUR D'EAU,
PROCEDE DE FABRICATION
CONNEXE ET ARTICLES FABRIQUES
A PARTIR DE CES STRUCTURES
[72] DILLON, JOSEPH A., US
[72] DILLON, MARK E., US
[73] DONALDSON COMPANY, INC., US
[22] 1991-04-30
[30] US (518,435) 1990-05-01

[11] **2,041,781**
[13] C

[51] **Int.Cl. 5C08L 67/06 5C08L 33/10**
[25] FR
[54] **COMPOSITIONS A BASE DE**
RESINES POLYESTER NON SATUREES
ET DE NOUVEAUX ADDITIFS ANTI-
RETRAIT
[54] **UNSATURATED POLYESTER**
RESIN-BASED COMPOSITIONS
CONTAINING NOVEL ANTI-
SHRINKAGE ADDITIVES
[72] FOURQUIER, DOMINIQUE, FR
[72] SUSPENE, LAURENT, FR
[73] CRAY VALLEY SA, FR
[22] 1991-05-03
[30] FR (90-05631) 1990-05-04

[11] **2,042,171**
[13] C

[51] **Int.Cl. 5H04Q 11/04**
[25] EN
[54] **HIGH-SPEED PACKET**
SWITCHING APPARATUS AND
METHOD
[54] **DISPOSITIF ET METHODE DE**
COMMUTATION RAPIDE DE
PAQUETS
[72] FRANK, STEVEN J., US
[72] BURKHARDT, HENRY III, US
[72] ROTHNIE, JAMES B., US
[72] MANN, WILLIAM F., US
[73] SUN MICROSYSTEMS, INC., US
[22] 1991-05-09

[11] **2,042,288**
[13] C

[51] **Int.Cl. 5F04B 25/04**
[25] EN
[54] **RECIPROCATING VACUUM**
PUMP
[54] **POMPE ALTERNATIVE A VIDE**
[72] SHINOTO, HIROSHI, JP
[72] OKUYAMA, NOBUHISA, JP
[73] TOYO ENGINEERING
CORPORATION, JP
[73] MIKUNI JUKOGYO CO., LTD., JP
[22] 1991-05-10
[30] JP (122 450 / 90) 1990-05-11
[30] JP (234 090 / 90) 1990-09-03
[30] JP (234 091 / 90) 1990-09-03

[11] **2,043,990**
[13] C

[51] **Int.Cl. 5A61F 5/01**
[25] EN
[54] **DYNAMIC ELBOW SUPPORT**
[54] **SUPPORT DYNAMIQUE DU**
COUDE
[72] HOTCHKISS, ROBERT N., US
[72] HOTCHKISS, KENNETH W., US
[72] WOODWARD, ARTHUR, US
[73] SMITH & NEPHEW, INC., US
[22] 1991-06-06
[30] US (535,170) 1990-06-08

[11] **2,044,948**
[13] C

[51] **Int.Cl. 5F28D 7/10 5F28F 9/00**
[25] EN
[54] **REFLUX FLUID HEATED**
PATIENT LINE
[54] **CATHETER CHAUFFANT POUR**
LIQUIDE DE REFLUX
[72] VERKAART, WESLEY H., US
[73] SIMS LEVEL 1, INC., US
[22] 1991-06-19
[30] US (07/543,390) 1990-06-26

[11] **2,045,188**
[13] C

[51] **Int.Cl. 5C08F 10/02 5C08F 4/16**
[25] EN
[54] **METHOD FOR PREPARING A**
SOLID CATALYST COMPONENT FOR
ETHYLENE (CO)POLYMERIZATION
[54] **METHODE DE PREPARATION**
D'UN ELEMENT DE CATALYSEUR
SOLIDE DE LA
(CO)POLYMERISATION DE
L'ETHYLENE
[72] LUCIANI, LUCIANO, IT
[72] PONDRELLI, MADDALENA, IT
[72] INVERNIZZI, RENZO, IT
[73] MONTEDIPE S.R.L., IT
[22] 1991-06-21
[30] IT (20740 A/90) 1990-06-22

[11] **2,046,455**
[13] C

[51] **Int.Cl. 5C08G 18/32 5C08L 63/00**
5C08L 75/04
[25] EN
[54] **AMBIENT TEMPERATURE**
CURABLE ONE-COMPONENT
POLYURETHANE OR POLYUREA
COMPOSITIONS
[54] **POLYURETHANE A UN COMPOSE**
OU COMPOSITIONS DE POLYUREE
DURCISSABLES A LA TEMPERATURE
AMBIANTE
[72] SQUILLER, EDWARD P., US
[72] MARKUSCH, PETER H., US
[73] BAYER CORPORATION, US
[22] 1991-07-08
[30] US (07/558,735) 1990-07-27

Canadian Patents Issued
December 10, 2002

[11] **2,046,949**
[13] C
[51] **Int.Cl. 5C07C 309/10 5C07C 311/24 5C07C 309/82**
[25] EN
[54] **PROCESS FOR PREPARING PERFLUOROALKOXYSULPHONIC COMPOUNDS**
[54] **PROCEDE DE PREPARATION D'ACIDES PERFLUOROALCOXYSULFONIQUES**
[72] NAVARRINI, WALTER, IT
[72] MONTANARI, VITTORIO, IT
[72] STACCIONE, ANNA MARIA, IT
[73] AUSIMONT S.P.A., IT
[22] 1991-07-12
[30] IT (20920 A/90) 1990-07-12

[11] **2,047,290**
[13] C
[51] **Int.Cl. 5C12N 15/38 5A61K 39/255 5C12N 15/86**
[25] EN
[54] **RECOMBINANT MAREK'S DISEASE VIRUS**
[54] **VIRUS RECOMBINANT DE LA MALADIE DE MAREK**
[72] MORGAN, ROBIN W., US
[73] AKZO N.V., NL
[22] 1991-07-17
[30] US (07/559,735) 1990-07-30

[11] **2,047,333**
[13] C
[51] **Int.Cl. 5A61M 5/158**
[25] EN
[54] **CATHETER WITH NEEDLE GUARD**
[54] **CATHETER MUNI D'UN GARDE-AIGUILLE**
[72] DUCHARME, LEONARD C., US
[72] CHANG, JOSEPH J., US
[72] BLOOM, RICHARD M., US
[72] LEMIEUX, FRANCIS P., US
[73] CRITIKON, INC., US
[22] 1991-07-18
[30] US (556,582) 1990-07-20

[11] **2,048,906**
[13] C
[51] **Int.Cl. 5C10L 1/12 5C10L 1/18**
[25] EN
[54] **MICROEMULSION DIESEL FUEL COMPOSITIONS AND METHOD OF USE**
[54] **COMPOSITIONS DE COMBUSTIBLE DIESEL A MICROEMULSIONS ET METHODE D'UTILISATION CONNEXE**
[72] BOCK, JAN, US
[72] ROBBINS, MAX LEO, US
[72] PACE, SALVATORE JAMES, US
[72] GRIMES, PATRICK GERARD, US
[72] SEXTON, MICHAEL DAVID, GB
[72] SMITH, ANTHONY KITSON, GB
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[22] 1991-08-09
[30] US (578,482) 1990-09-07
[30] US (578,483) 1990-09-07

[11] **2,049,516**
[13] C
[51] **Int.Cl. 5C08G 18/42 5C08J 9/06**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF RIGID POLYURETHANE FOAMS**
[54] **PROCEDE D'OBTENTION DE MOUSSES DE POLYURETHANE RIGIDES**
[72] SCHMITZ, WOLFGANG, DE
[72] WIEDERMANN, ROLF, DE
[72] HEILIG, GERHARD, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1991-08-20
[30] DE (P 40 26 702.4) 1990-08-24

[11] **2,050,752**
[13] C
[51] **Int.Cl. 5G04B 19/16**
[25] EN
[54] **TIMEPIECE CAPABLE OF BEING WORN IN VARIOUS WAYS**
[54] **MONTRE POUVANT ETRE PORTEE DE DIVERSES MANIERES**
[72] BONVIN, JOEL, CH
[73] ETA SA FABRIQUES D'EBAUCHES, CH
[22] 1991-09-05
[30] CH (03 031/90-0) 1990-09-19

[11] **2,051,525**
[13] C
[51] **Int.Cl. 5H01M 8/06**
[25] EN
[54] **INTERNAL NATURAL GAS REFORMER-DIVIDERS FOR A SOLID OXIDE FUEL CELL GENERATOR CONFIGURATION**
[54] **REFORMEUR-SEPARATEUR INTERNE DE GAZ NATUREL POUR CONFIGURATION DE GENERATRICE A PILE A ELECTROLYTE SOLIDE**
[72] REICHNER, PHILIP, US
[73] WESTINGHOUSE ELECTRIC CORPORATION, US
[22] 1991-09-17
[30] US (599,531) 1990-10-18

[11] **2,051,965**
[13] C
[51] **Int.Cl. 5C08L 51/00 5C08L 51/04 5C08L 51/06**
[25] EN
[54] **BLENDS OF A GRAFT COPOLYMER OF PROPYLENE POLYMER MATERIAL WITH A GRAFT COPOLYMER OF OLEFINIC RUBBER MATERIAL**
[54] **MELANGES D'UN COPOLYMERE GREFFE A BASE DE POLYPROPYLENE ET D'UN AUTRE COPOLYMERE GREFFE A BASE DE PRODUIT CAOUTCHOUTEUX OLEFINIQUE**
[72] DENICOLA, ANTHONY J., JR., US
[73] MONTELL NORTH AMERICA INC., US
[22] 1991-09-20
[30] US (07/593,142) 1990-10-05

[11] **2,052,233**
[13] C
[51] **Int.Cl. 5B24D 5/00**
[25] EN
[54] **IMPROVEMENT AND ENHANCING OF GRINDING WHEELS FOR THE MACHINE WORKING OF MARBLE, GRANITE AND THE LIKE**
[54] **AMELIORATION DES MEULES DE MACHINE A TRAVAILLER LE MARBRE, LE GRANITE ET ANALOGUES**
[72] LUPI, QUINTILIO, IT
[73] LUPI, QUINTILIO, IT
[22] 1991-09-25
[30] IT (48308 A/90) 1990-09-26

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,053,043**
[13] C

[51] **Int.Cl. 5B65D 88/12 5B60P 3/22**
[25] EN
[54] **VAPOR SPACE WATER HAMMER
ELIMINATOR SYSTEM FOR LIQUID
TRANSPORT APPARATUSES**
[54] **SYSTEME DE SUPPRESSION DU
COUP DE BELIER EN CALANDRE
POUR APPAREILS DE TRANSPORT DE
LIQUIDES**
[72] ZINK, DONALD LAWRENCE, US
[73] MONTANA SULPHUR & CHEMICAL
COMPANY, US
[22] 1991-10-09
[30] US (594,169) 1990-10-09

[11] **2,053,064**
[13] C

[51] **Int.Cl. 5G10L 7/06**
[25] EN
[54] **DYNAMIC BIT ALLOCATION
SUBBAND EXCITED TRANSFORM
CODING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE
CODAGE A AFFECTATION
DYNAMIQUE DES BITS**
[72] MAZOR, BARUCH, US
[73] VERIZON LABORATORIES INC., US
[22] 1991-10-09
[30] US (07/597,438) 1990-10-15

[11] **2,053,336**
[13] C

[51] **Int.Cl. 5B60C 9/04**
[25] EN
[54] **PNEUMATIC TIRE**
[54] **PNEUMATIQUE**
[72] ONODA, MAKOTO, DE
[72] YAMAMORI, SYUICHI, JP
[72] HIROSAWA, YOUICHIRO, JP
[72] SAKUNO, HIROAKI, JP
[73] SUMITOMO RUBBER INDUSTRIES,
LTD., JP
[22] 1991-10-11
[30] JP (2-287932) 1990-10-24
[30] JP (2-298386) 1990-11-02

[11] **2,053,407**
[13] C

[51] **Int.Cl. 5B65D 88/12**
[25] EN
[54] **FLUID CONTAINMENT
APPARATUS**
[54] **DISPOSITIF DE CONFINEMENT
DE FLUIDES**
[72] ZINK, DONALD LAWRENCE, US
[72] ZINK, DONALD G., US
[73] MONTANA SULPHUR & CHEMICAL
COMPANY, US
[22] 1991-10-10
[30] US (595,450) 1990-10-10

[11] **2,053,564**
[13] C

[51] **Int.Cl. 5C08G 18/06 5C08L 75/14
5C08G 18/30**
[25] EN
[54] **TWO-COMPONENT
POLYURETHANE ADHESIVES**
[54] **ADHESIFS DE POLYURETHANNE
A DEUX ELEMENTS**
[72] TRINKS, RAINER, DE
[72] KONIGSHOFEN, HEINRICH, DE
[72] GANSTER, OTTO, DE
[72] STEPANSKI, HORST, DE
[72] COLINAS-MARTINEZ, JOSE, DE
[73] BAYER AKTIENGESELLSCHAFT,
DE
[22] 1991-10-16
[30] DE (P 40 33 221.7) 1990-10-19

[11] **2,053,935**
[13] C

[51] **Int.Cl. 5F27B 1/16**
[25] EN
[54] **DEVICE FOR INJECTING
PREHEATED AIR INTO A SHAFT
FURNACE AND PROCESS FOR
MANUFACTURING BALL-AND-
SOCKET JOINTS**
[54] **DISPOSITIF SERVANT A
INJECTER DE L'AIR PRECHAUFFE
DANS UN FOUR A CUVE DE FUSION ET
PROCEDE DE FABRICATION
D'ARTICULATIONS A ROTULE**
[72] BENCK, JEAN, LU
[72] MAILLIET, PIERRE, LU
[73] PAUL WURTH S.A., LU
[22] 1991-10-22
[30] LU (87838) 1990-11-09

[11] **2,054,268**
[13] C

[51] **Int.Cl. 5A23L 1/30 5A23L 1/48**
[25] EN
[54] **NUTRITIONAL COMPOSITION**
[54] **COMPOSITION NUTRITIVE**
[72] LUCA, MAURIZIO, US
[73] LUCA, MAURIZIO, US
[22] 1991-10-25
[30] US (07/604,665) 1990-10-26

[11] **2,054,434**
[13] C

[51] **Int.Cl. 5C10G 45/06 5C10G 45/08**
[25] EN
[54] **HYDRODENTRIFICATION
PROCESS**
[54] **PROCEDE
D'HYDRODENTRIFICATION**
[72] SMEGAL, JOHN A., US
[73] SHELL INTERNATIONALE
RESEARCH MAATSCHAPPIJ B.V., NL
[22] 1991-10-29
[30] US (606,414) 1990-10-31

[11] **2,055,918**
[13] C

[51] **Int.Cl. 5A61L 27/00**
[25] FR
[54] **DISPOSITIF A USAGE
OPHTALMOLOGIQUE FORME D'UN
SUBSTRAT POLYMERIQUE
COMPORTANT DES GROUPEMENTS
FLUORES EN SURFACE, ET PROCEDE
D'OBTENTION**
[54] **OPHTHALMOLOGICAL
APPARATUS MADE UP OF A
POLYMERIC SUBSTRATE
COMPRISING FLUORATED GROUPS
ON THE SURFACE AND
PREPARATION PROCESS**
[72] BECHETOILLE, ALAIN, FR
[72] LEGEAY, GILBERT ROGER
EDMOND GUSTAVE, FR
[72] MERCIER, LIONEL, FR
[72] LEGEAIS, VERONIQUE MARIE-
CLAUDE MADELEINE (NEE GADREAU),
FR
[72] GRAVAGNA, PHILIPPE, FR
[73] FIDOMI, FR
[73] ASSOCIATION POUR LES
TRANSFERTS DE TECHNOLOGIE DU
MANS, FR
[22] 1991-11-20
[30] FR (90.14536) 1990-11-21

Canadian Patents Issued
December 10, 2002

[11] 2,055,925
[13] C

[51] Int.Cl. 5C04B 2/06
[25] EN
[54] METHOD OF INCREASING THE SURFACE AREA AND PLASTIC PROPERTIES OF HYDRATED LIME
[54] METHODE SERVANT A AMELIORER LES PROPRIETES PLASTIQUES ET D'AIRE SUPERFICIELLE DE LA CHAUX HYDRATEE
[72] WALKER, DANIEL D., JR., US
[72] OLIPHANT, JOSEPH L., US
[73] CHEMSTAR LIME COMPANY, US
[22] 1991-11-20
[30] US (616,363) 1990-11-21
[30] US (753,822) 1991-09-03

[11] 2,057,604
[13] C

[51] Int.Cl. 5C07D 209/48 5C07D 221/14
[25] EN
[54] PROCESS FOR PRODUCING AN ARYL-IMIDO-PERALKANOIC ACID
[54] PROCEDE POUR LA PRODUCTION D'UN ACIDE ARYLIMIDOPERALCANOIQUE
[72] CAVALLOTTI, CLAUDIO, IT
[72] MERENDA, MICHELE, IT
[72] ZARO, ALESSANDRO, IT
[72] LGOSTINA, ATTILIO, IT
[72] BIANCHI, UGO P., IT
[73] AUSIMONT S.P.A., IT
[22] 1991-12-13
[30] IT (22374 A/90) 1990-12-13

[11] 2,059,785
[13] C

[51] Int.Cl. 5A61H 1/00
[25] EN
[54] THREE AXIS PASSIVE MOTION EXERCISER
[54] EXERCISEUR A MOUVEMENTS PASSIFS SUR TROIS AXES
[72] STEF, FRANCINE, FR
[73] COMPAGNIE GENERALE DE MATERIEL ORTHOPEDIQUE, FR
[22] 1992-01-21
[30] US (643,566) 1991-01-22

[11] 2,060,765
[13] C

[51] Int.Cl. 5B65B 27/08 5B65B 11/48
[25] EN
[54] PROCESS AND APPARATUS FOR PACKAGING A STACK OF FLAT OBJECTS
[54] APPAREIL POUR EMBALLER UNE PILE D'OBJETS PLATS, ET METHODE A SUIVRE
[72] WINNEMOLLER, ALOYS, DE
[72] FROMMEYER, HEINRICH, DE
[72] WIENEKE, WERNER, DE
[73] WINDMOLLER & HOLSCHER, DE
[22] 1992-02-06
[30] DE (P 41 03 745.6) 1991-02-07

[11] 2,060,910
[13] C

[51] Int.Cl. 5A61F 5/01 5A61F 5/00
[25] EN
[54] PROTECTIVE BOOT STRUCTURE
[54] BOTTES DE PROTECTION
[72] LAMONT, WILLIAM D., US
[73] LAMONT, WILLIAM D., US
[22] 1992-02-10
[30] US (763,335) 1991-09-20

[11] 2,061,769
[13] C

[51] Int.Cl. 5C08G 69/48 5C09J 177/06
[25] EN
[54] THREE COMPONENT AMINOAMIDE ACRYLATE RESIN COMPOSITIONS
[54] COMPOSITIONS DE RESINES DE POLYAMIDE MODIFIE A L'ACRYLATE, EN TROIS CONSTITUANTS
[72] FRIHART, CHARLES R., US
[73] UNION CAMP CORPORATION, US
[22] 1992-02-25
[30] US (07/670,673) 1991-03-18

[11] 2,062,936
[13] C

[51] Int.Cl. 5G06F 15/66
[25] EN
[54] POLYGON FRAGMENTATION METHOD OF DISTORTION CORRECTION IN COMPUTER IMAGE GENERATING SYSTEMS
[54] METHODE DE CORRECTION DE DISTORSIONS UTILISANT LA FRAGMENTATION EN POLYGONES POUR SYSTEMES D'INFOGRAPHIE
[72] KELLY, WILLIAM ARTHUR, US
[72] QUICK, LEE TANYA, US
[72] SIMS, EDWARD MITFORD, US
[72] TACKABERRY, MICHAEL WILLIAM, US
[73] INTEL CORPORATION, US
[22] 1992-03-12
[30] US (679,807) 1991-04-03

[11] 2,066,085
[13] C

[51] Int.Cl. 5C08L 67/00 5C08K 5/13 5C08K 5/527
[25] EN
[54] ELASTOMERIC THERMOPLASTIC COPOLYETHER-ESTERS ENDOWED WITH IMPROVED THERMAL AND HYDROLITIC STABILITIES
[54] COPOLYETHERESTERS ELASTOMERES ET THERMOPLASTIQUES, DOUES D'UNE STABILITE THERMIQUE ET HYDROLYTIQUE AMELIOREE
[72] CHIOLLE, ANTONIO, IT
[72] MALTONI, GIAN P., IT
[73] ECP ENICHEM POLIMERI S.R.L., IT
[22] 1992-04-15
[30] IT (MI 91 A 001091) 1991-04-19

[11] 2,066,365
[13] C

[51] Int.Cl. 5A61B 17/064
[25] EN
[54] SURGICAL STAPLE WITH MODIFIED 'B' SHAPED CONFIGURATION
[54] AGRAFE CHIRURGICALE AYANT LA FORME D'UN B MODIFIE
[72] KRAMER, FRANK, US
[73] ETHICON, INC., US
[22] 1992-04-16
[30] US (686,646) 1991-04-17

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,067,585**
[13] C

[51] **Int.Cl. 5C08G 65/38**
[25] EN
[54] **PREPARATION OF POLYPHENYLENE ETHERS**
[54] **PREPARATION DE POLY(OXYDE DE PHENYLENE)**
[72] ZELTNER, DORIS, DE
[72] STEIERT, PETER, DE
[72] FELDMANN, HEIKE, DE
[72] MUEHLBACH, KLAUS, DE
[72] HEDTMANN-REIN, CAROLA, DE
[72] CZAUDERNA, BERNHARD, DE
[72] HENNIG, KARL, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[22] 1992-04-29
[30] DE (P 41 14 247.0) 1991-05-02

[11] **2,067,856**
[13] C

[51] **Int.Cl. 5B65D 85/36 5B65D 5/54**
[25] EN
[54] **OPENING STRUCTURE FOR WEDGE-SHAPED PIE CARTON**
[54] **SYSTEME D'OUVERTURE D'EMBALLAGES POUR POINTES DE TARTE**
[72] COTE, RAYMOND A., US
[73] WALDORF CORPORATION, US
[22] 1992-05-01
[30] US (07/693,864) 1991-05-01
[30] US (07/739,991) 1991-08-02

[11] **2,068,612**
[13] C

[51] **Int.Cl. 5C01B 21/08**
[25] EN
[54] **METHOD OF PRODUCING ALKALI METAL AZIDES**
[54] **METHODE POUR LA PRODUCTION D'AZOTURES DE METAUX ALCALINS**
[72] SASAKI, MASANORI, JP
[72] SHIBAFUCHI, HIROSHI, JP
[72] IMAI, YASUSHI, JP
[72] YOSHIDA, MASAHIKO, JP
[72] MIYATA, KAZUYOSHI, JP
[73] NIPPON CARBIDE KOGYO KABUSHIKI KAISHA, XX
[22] 1992-05-13
[30] JP (140,688/91) 1991-05-17

[11] **2,068,641**
[13] C

[51] **Int.Cl. 5B65H 19/28 5B65H 19/29**
[25] EN
[54] **PROCESS AND DEVICE FOR CHANGING WINDING ROLLERS**
[54] **PROCEDE ET DISPOSITIF POUR CHANGER DES CYLINDRES D'ENROULEMENT**
[72] KUHNHOLD, MICHAEL, DE
[72] FISCHER, WOLFGANG, DE
[72] DROPCZYNSKI, HARTMUT, DE
[73] JAGENBERG AKTIENGESELLSCHAFT, DE
[85] 1992-05-13
[86] 1991-08-26 (PCT/EP1991/001624)
[87] (WO1992/005100)
[30] DE (P 40 29 180.4) 1990-09-14

[11] **2,070,160**
[13] C

[51] **Int.Cl. 6C07K 5/075 6C07K 1/14**
[25] EN
[54] **METHOD OF PREPARING .ALPHA.-L-ASPARTYL-L-PHENYLALANINE METHYL ESTER**
[54] **METHODE DE PREPARATION D'UN ESTER METHYLIQUE D'.ALPHA.-L-ASPARTYL-L-PHENYLALANINE**
[72] KATAOKA, TAKEHIKO, JP
[72] YASAKI, AKIHIKO, JP
[72] KISHIMOTO, SHINICHI, JP
[72] KATO, TOSHIHISA, JP
[73] AJINOMOTO CO., INC., JP
[22] 1992-06-01
[30] JP (229827/1991) 1991-05-31
[30] JP (229828/1991) 1991-05-31
[30] JP (94203/1992) 1992-04-14

[11] **2,070,773**
[13] C

[51] **Int.Cl. 5D04H 1/46**
[25] FR
[54] **NONTISSE ABSORBANT LIE HYDRAULIQUEMENT ET SON PROCEDE DE FABRICATION**
[54] **HYDRAULICALLY BONDED ABSORBENT NONWOVEN FABRIC AND PRODUCTION PROCESS**
[72] ROUSSIN-MOYNIER, YVES, FR
[73] FORT JAMES FRANCE, FR
[85] 1992-06-08
[86] 1991-10-04 (PCT/FR1991/000783)
[87] (WO1992/006237)
[30] FR (90 12348) 1990-10-08

[11] **2,071,218**
[13] C

[51] **Int.Cl. 5E21B 43/25 5C08K 5/00 5C08L 5/00 5E21B 33/138**
[25] FR
[54] **UTILISATION DE NOUVELLES COMPOSITIONS A BASE DE GELS POUR LA REDUCTION DE LA PRODUCTION D'EAU DANS LES PUITTS PRODUCTEURS D'HUILE OU DE GAZ**
[54] **METHOD FOR REDUCING WATER INFLOW IN OIL OR GAS WELLS USING IMPROVED GEL COMPOSITIONS**
[72] KOHLER, NORBERT, FR
[72] PIRRI, ROSANGELA, FR
[73] INSTITUT FRANCAIS DU PETROLE, FR
[85] 1992-06-18
[86] 1991-10-28 (PCT/FR1991/000850)
[87] (WO1992/008038)
[30] FR (91/10.758) 1991-08-28
[30] FR (90/13.385) 1990-10-29

[11] **2,073,657**
[13] C

[51] **Int.Cl. 5C08F 4/642**
[25] EN
[54] **PROCEDURE FOR THE PREPARATION OF A SOLID COMPONENT OF CATALYST FOR THE (CO)POLYMERIZATION OF ETHYLENE**
[54] **METHODE POUR LA PREPARATION D'UN COMPOSANT SOLIDE D'UN CATALYSEUR POUR LA (CO)POLYMERIZATION DE L'ETHYLENE**
[72] MASI, FRANCESCO, IT
[72] INVERNIZZI, RENZO, IT
[72] MOALLI, ANGELO, IT
[72] FERRERO, CESARE, IT
[72] MENCONI, FRANCESCO, IT
[72] BARAZZONI, LIA, IT
[73] ECP ENICHEM POLIMERI S.R.L., IT
[22] 1992-07-10
[30] IT (MI91 A 001933) 1991-07-12

Canadian Patents Issued
December 10, 2002

[11] 2,073,880
[13] C

[51] Int.Cl. 5B05B 13/06
[25] EN
[54] LIQUID SPRAY MACHINE FOR COATING INTERIOR OF PIPES
[54] MACHINE DE VAPORISATION DE LIQUIDE SERVANT AU REVETEMENT INTERIEUR DE TUYAUX
[72] HART, MILBURN L., US
[73] COMMERCIAL RESINS COMPANY, US
[22] 1992-07-15
[30] US (817,365) 1992-01-06

[11] 2,074,580
[13] C

[51] Int.Cl. 5A61K 31/495
[25] EN
[54] SOLID PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION CONTAINING DAPIPRAZOLE
[54] COMPOSITION PHARMACEUTIQUE SOLIDE A BASE DE DAPIPRAZOLE, A ADMINISTRER PAR VOIE ORALE
[72] ANGELI, DEPALMO GALLI, IT
[72] BAIOCCHI, LEANDRO, IT
[73] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT
[22] 1992-07-23
[30] IT (MI91 A 002044) 1991-07-24

[11] 2,075,221
[13] C

[51] Int.Cl. 5H01M 2/32 5H01M 6/04
[25] EN
[54] ELECTRODE
[54] ELECTRODE
[72] CARLSON, WILLIAM P., US
[72] BUSHMAN, JAMES B., US
[73] CORRPRO COMPANIES, INC., US
[22] 1992-08-03
[30] US (739,193) 1991-08-01

[11] 2,077,764
[13] C

[51] Int.Cl. 5C12P 21/08 5C12N 5/16 5A61K 39/395 5G01N 33/566 5G01N 33/577 5G01N 33/74
[25] EN
[54] ANTIBODY TO PACAP AND USE THEREOF
[54] ANTICORPS CONTRE LA PEPTIDE ACTIVANT L'ADENYLATE-CYCLASE DE L'HYPOPHYSE, ET SON UTILISATION
[72] SUZUKI, NOBUHIRO, JP
[72] KITADA, CHIEKO, JP
[72] TSUDA, MASAO, JP
[73] TAKEDA CHEMICAL INDUSTRIES, LTD., JP

[85] 1992-09-08
[86] 1991-03-15 (PCT/JP1991/000354)
[87] (WO1991/014786)
[30] JP (65565/1990) 1990-03-17
[30] JP (287115/1990) 1990-10-26

[11] 2,078,325
[13] C

[51] Int.Cl. 5A61C 5/02 5A61C 17/02
[25] FR
[54] EQUIPEMENT POUR NETTOYER DES CAVITES
[54] CAVITY CLEANING APPARATUS
[72] GROSREY, JEAN, CH
[73] ESTIER, BERNARD, CH
[85] 1992-09-15
[86] 1992-01-17 (PCT/CH1992/000012)
[87] (WO1992/012685)
[30] CH (152/91) 1991-01-21
[30] CH (71/92) 1992-01-10

[11] 2,079,608
[13] C

[51] Int.Cl. 5G04F 1/00
[25] EN
[54] TIME INDICATING DEVICE
[54] DISPOSITIF D'AFFICHAGE DE L'HEURE
[72] BOND, ANDERS, SE
[73] STIFTELSEN HANDITEK, SE
[22] 1992-10-01
[30] SE (9102917-3) 1991-10-09

[11] 2,080,063
[13] C

[51] Int.Cl. 5H01H 9/26 5H01H 71/10
[25] EN
[54] MULTIPOLE CIRCUIT BREAKER WITH SINGLE-POLE UNITS
[54] DISJONCTEUR MULTIPOLAIRE CONSTITUE DE PLUSIEURS DISJONCTEURS UNIPOLAIRES
[72] MOREL, ROBERT, FR
[72] NEBON, JEAN-PIERRE, FR
[72] NEREAU, JEAN-PIERRE, FR
[72] PERRIER, PHILIPPE, FR
[73] MERLIN GERIN, FR
[22] 1992-10-07
[30] FR (9112793) 1991-10-15

[11] 2,080,182
[13] C

[51] Int.Cl. 6C07K 14/435 5A61K 35/12 6A61K 38/17 5G01N 33/566 5G01N 33/574 5G01N 33/577
[25] EN
[54] NUCLEAR INHIBITOR I-92 AND ITS USE FOR THE PRODUCTION OF A MEDICAMENT
[54] INHIBITEUR NUCLEAIRE OU I-92 ET SON UTILISATION POUR LA PRODUCTION D'UN MEDICAMENT
[72] WEITZ, JUERGEN, US
[72] ROYER, HANS-DIETER, DE
[72] STOEHR, MICHAEL, DE
[72] NAPIERSKI, INGE, DE
[72] KOPUN, MARIJANA, DE
[73] DADE BEHRING MARBURG GMBH, DE
[22] 1992-10-08
[30] EP (91117184.1) 1991-10-09

[11] 2,080,687
[13] C

[51] Int.Cl. 5B43K 5/00 5B43K 23/00
[25] EN
[54] SHAPED PEN
[54] PLUME PROFILEE
[72] KOLARIC, MARJAN, CA
[73] KOLARIC, MARJAN, CA
[85] 1992-10-15
[86] 1991-04-16 (PCT/CA1991/000126)
[87] (WO1991/016210)
[30] CA (2,014,738) 1990-04-17

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,080,893**
[13] C

[51] **Int.Cl. 5C07C 19/08 5C07C 17/38**
[25] EN
[54] **PROCESS FOR PURIFYING 1,1,1-TRIFLUORO-2,2-DICHLOROETHANE FROM ISOMER 1,1,2-TRIFLUORO-1,2-DICHLOROETHANE**
[54] **PROCEDE DE PURIFICATION DU 1,1,1-TRIFLUORO-2,2-DICHLOROETHANE A PARTIR DE L'ISOMERE 1,1,2-TRIFLUORO-1,2-DICHLOROETHANE**
[72] BRAGANTE, LETANZIO, IT
[72] CUZZATO, PAOLO, IT
[72] MASIERO, ANTONIO, IT
[73] AUSIMONT S.P.A., IT
[22] 1992-10-19
[30] IT (MI 91 A 002757) 1991-10-18

[11] **2,082,008**
[13] C

[51] **Int.Cl. 5B32B 27/08**
[25] EN
[54] **IMPROVED PRINT LOCK PROCESS**
[54] **MODE DE PRODUCTION DE FILMS THERMORETRACTABLES LAMINES ET IMPRIMES**
[72] WOOD, JOHN CRESSWELL, CA
[72] BROWN, JAMES EDWARD, CA
[73] CRYOVAC, INC., US
[22] 1992-11-03

[11] **2,082,666**
[13] C

[51] **Int.Cl. 5E02D 29/02 5E04C 1/00**
[25] EN
[54] **INTERLOCKING RETAINING WALLS BLOCKS AND SYSTEM**
[54] **BLOCS A EMBOITEMENT ET SYSTEME DE MURS DE SOUTENEMENT**
[72] HAMMER, JAMES, US
[73] WESTBLOCK PRODUCTS, INC., US
[22] 1992-11-12
[30] US (07/798,120) 1991-11-26

[11] **2,082,669**
[13] C

[51] **Int.Cl. 5A61F 13/56**
[25] EN
[54] **SANITARY NAPKIN WITH GARMENT ATTACHMENT PANELS**
[54] **SERVIETTE SANITAIRE AVEC BORDS DE FIXATION AUX VETEMENTS**
[72] VANGOMPEL, PAUL THEODORE, US
[72] BROCKER, JULIE TERESE, US
[72] SCHUTKOSKE, LORI SUE, US
[72] WESTLAKE, BETSY CAROLYN, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1992-11-12
[30] US (954,524) 1992-09-30

[11] **2,082,876**
[13] C

[51] **Int.Cl. 5B01J 38/30 5C10G 11/18 5B01J 38/34**
[25] FR
[54] **PROCEDE ET DISPOSITIF D'ECHANGE THERMIQUE DE PARTICULES SOLIDES POUR DOUBLE REGENERATION EN CRAQUAGE CATALYTIQUE**
[54] **SOLIDS THERMAL EXCHANGE PROCESS AND DEVICE FOR DOUBLE REGENERATION IN CATALYTIC CRACKING**
[72] PONTIER, RENAUD, FR
[72] GAUTHIER, THIERRY, FR
[72] BONIFAY, REGIS, FR
[72] HOFFMANN, FREDERIC, FR
[73] INSTITUT FRANCAIS DU PETROLE, FR
[22] 1992-11-13
[30] FR (91/14.153) 1991-11-14

[11] **2,083,402**
[13] C

[51] **Int.Cl. 5A61F 6/04**
[25] EN
[54] **PROPHYLACTIC WITH GLANS PENIS STIMULATION**
[54] **PRESERVATIF AVEC STIMULATION DU GLAND DU PENIS**
[72] REDDY, ALLA VENKATA KRISHNA, US
[73] REDDY, ALLA VENKATA KRISHNA, US
[85] 1992-11-19
[86] 1991-02-01 (PCT/US1991/000697)
[87] (WO1991/017725)
[30] US (526,843) 1990-05-22

[11] **2,084,151**
[13] C

[51] **Int.Cl. 5D04H 3/14 5D04H 5/08 5A61L 15/24**
[25] EN
[54] **NONWOVEN MULTICOMPONENT POLYMER FABRIC AND METHOD FOR MAKING SAME**
[54] **TISSU POLYMERE A COMPOSANTS MULTIPLES, NON TISSE ET METHODE DE FABRICATION**
[72] PIKE, RICHARD DANIEL, US
[72] BROWN, KURTIS LEE, US
[72] GWALTNEY, SHARON WATKINS, US
[72] HERSHBERGER, THOMAS ALAN, US
[72] SIEGEL, SCOTT DAVID, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1992-11-30
[30] US (933,444) 1992-08-21

[11] **2,084,313**
[13] C

[51] **Int.Cl. 5C07J 21/00 5C07J 1/00 5C07J 31/00 5C07J 33/00 5C07J 41/00 5C07J 43/00**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF 10BETA-H-STERIODS**
[54] **PROCEDE DE PRODUCTION DE 10BETA-H-STERIOIDES**
[72] OTTOW, ECKHARD, DE
[72] NEEF, GUENTER, DE
[72] CLEVE, ARWED, DE
[72] WIECHERT, RUDOLF, DE
[73] SCHERING AKTIENGESELLSCHAFT, DE
[85] 1992-12-01
[86] 1991-06-03 (PCT/EP1991/001018)
[87] (WO1991/018918)
[30] DE (P 40 18 167.7) 1990-06-01

Canadian Patents Issued
December 10, 2002

[11] 2,084,314
[13] C

[51] Int.Cl. 5C07J 21/00 5C07J 1/00 5C07J 31/00 5C07J 33/00 5C07J 41/00 5C07J 43/00

[25] EN

[54] STARTING COMPOUNDS FOR THE PRODUCTION OF 10BETA-H STEROIDS AND PROCESS FOR PRODUCING SUCH STARTING COMPOUNDS

[54] COMPOSES DE DEPART POUR LA PRODUCTION DE 10BETA-H-STEROIDES ET PROCEDE DE PREPARATION DE CES COMPOSES DE DEPART

[72] OTTOW, ECKHARD, DE

[72] NEEF, GUENTER, DE

[72] CLEVE, ARWED, DE

[72] WIECHERT, RUDOLF, DE

[73] SCHERING

AKTIENGESELLSCHAFT, DE

[85] 1992-12-01

[86] 1991-06-03 (PCT/EP1991/001017)

[87] (WO1991/018917)

[30] DE (P 40 18 168.5) 1990-06-01

[11] 2,085,127
[13] C

[51] Int.Cl. 5C12N 15/89 5A61D 19/00 5A01K 67/027 5C12N 5/10 5G01N 33/68

[25] EN

[54] TRANSGENIC NON-HUMAN MAMMAL DISPLAYING THE AMYLOID-FORMING PATHOLOGY OF ALZHEIMER'S DISEASE

[54] MAMMIFERES NON HUMAINS TRANSGENIQUES PRESENTANT LES CARACTERISTIQUES

PATHOLOGIQUES DE FORMATION D'AMYLOIDES PROPRES A LA MALADIE D'ALZHEIMER

[72] CORDELL, BARBARA, US

[73] SCIOS NOVA INC., US

[85] 1992-12-10

[86] 1991-06-17 (PCT/US1991/004447)

[87] (WO1991/019810)

[30] US (538,857) 1990-06-15

[11] 2,085,892
[13] C

[51] Int.Cl. 5A61K 7/46

[25] EN

[54] PERFUME BASES

[54] BASES POUR PARFUMS

[72] BAYDAR, AHMET E., FR

[72] CAYLUS, GHISLAINE-HENRIETTE, FR

[72] SELDEN, CHRISTOF B., FR

[73] GIVAUDAN-ROURE

(INTERNATIONAL) S.A., CH

[85] 1992-12-18

[86] 1992-04-11 (PCT/EP1992/000823)

[87] (WO1992/018097)

[30] CH (91106402.0) 1991-04-20

[11] 2,086,925
[13] C

[51] Int.Cl. 5C07D 498/18 5A61K 31/42

[25] FR

[54] SELS DERIVES DE LA DIALCOYLAMINOALCOYLSULFONY L-26 PRISTINAMYCINE IIB

[54] NEW SALTS DERIVED FROM

DIALKYLAMINOALKYLSULPHONYL-26 PRISTINAMYCIN IIB

[72] BARRIERE, JEAN-CLAUDE, FR

[72] CORBET, JEAN-PIERRE, FR

[72] PARIS, JEAN-MARC, FR

[72] RADISSON, XAVIER, FR

[73] AVENTIS PHARMA S.A., FR

[85] 1993-01-07

[86] 1991-07-15 (PCT/FR1991/000582)

[87] (WO1992/001694)

[30] FR (90 09037) 1990-07-16

[11] 2,088,125
[13] C

[51] Int.Cl. 5A23G 1/00

[25] EN

[54] FOOD MODIFIER AND PROCESS FOR MAKING SAME

[54] MODIFICATEUR ALIMENTAIRE ET SON PROCEDE DE PRODUCTION

[72] ANDERSON, WENDY ANN, US

[72] DULIN, DREENA ANN, US

[72] LOH, JIMBAY PETER, US

[72] FITCH, MARK DAVID, US

[73] ENTENMANN'S PRODUCTS, INC., US

[73] ARNOLD PRODUCTS, INC., US

[73] FREIHOFFER PRODUCTS, INC., US

[22] 1993-01-26

[30] US (839,527) 1992-02-20

[11] 2,088,574
[13] C

[51] Int.Cl. 5C12N 15/53 5C12N 9/02 6A61K 38/44 5C12N 15/71

[25] EN

[54] PROCESS FOR PRODUCING ENZYMES HAVING SUPEROXIDE DISMUTASE ACTIVITY, NOVEL SUPEROXIDE DISMUTASE ENZYMES AND NOVEL PHARMACEUTICAL COMPOSITIONS COMPRISING ENZYMES HAVING SUPEROXIDE DISMUTASE ACTIVITY

[54] METHODE DE PREPARATION

D'ENZYMES MANIFESTANT UNE

ACTIVITE DE SUPEROXYDE-

DISMUTASE; NOUVELLES ENZYMES

A BASE DE SUPEROXYDE-

DISMUTASE ET NOUVELLES

COMPOSITIONS

PHARMACEUTIQUES RENFERMANT

DES ENZYMES AYANT UNE ACTIVITE

DE SUPEROXYDE-DISMUTASE

[72] ATKINSON, ANTHONY, GB

[72] BOWN, KEVIN J., GB

[72] CHAMBERS, STEPHEN P., GB

[72] BREHM, JOHN K., GB

[72] MINTON, NIGEL P., GB

[73] PUBLIC HEALTH LABORATORY

SERVICE BOARD LIMITED, GB

[85] 1993-02-01

[86] 1991-08-02 (PCT/GB1991/001325)

[87] (WO1992/002625)

[30] GB (9017037.4) 1990-08-03

[11] 2,092,294
[13] C

[51] Int.Cl. 5A01D 34/64 5A01D 69/02 5A01D 34/43

[25] EN

[54] CONTINUOUS, SELF-CONTAINED MOWING SYSTEM

[54] SYSTEME DE TONTE CONTINUE ET AUTONOME

[72] COLENS, ANDRE, BE

[73] COLENS, ANDRE, BE

[85] 1993-03-23

[86] 1991-09-23 (PCT/BE1991/000068)

[87] (WO1992/004817)

[30] BE (9000906) 1990-09-24

[30] BE (9100537) 1991-06-04

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,092,431**
[13] C

[51] **Int.Cl. 5C07D 471/08 5C07D 519/00 5A61K 31/495**
[25] EN
[54] **3,9-DIAZABICYCLO (3.3.1) NONAN-7-YL DERIVATIVES, PROCESS AND INTERMEDIATES FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **DERIVES 3,9-DIAZABICYCLO -3.3.1] NONAN-7-YL, PROCEDE ET INTERMEDIAIRES POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES EN CONTENANT**
[72] KING, FRANCIS D., GB
[72] GREGORY, JULIAN A., GB
[73] BEECHAM GROUP P.L.C., GB
[85] 1993-03-24
[86] 1991-09-23 (PCT/GB1991/001629)
[87] (WO1992/005174)
[30] GB (9020927.1) 1990-09-26

[11] **2,093,431**
[13] C

[51] **Int.Cl. 5C12N 11/08 5C12M 1/00 5C12M 3/00 5C08L 101/02 5C12N 11/04 5B01J 13/14 5A61K 9/50**
[25] EN
[54] **IONICALLY CROSS-LINKED POLYMERIC MICROCAPSULES**
[54] **MICROCAPSULES POLYMERIQUES RETICULEES IONIQUEMENT**
[72] COHEN, SMADAR, IL
[72] BANO, CARMEN, ES
[72] VISSCHER, KARYN B., ES
[72] CHOW, MARIE B., US
[72] LANGER, ROBERT S., US
[72] ALLCOCK, HARRY R., US
[73] PENNSYLVANIA RESEARCH CORPORATION, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 1993-04-05
[86] 1991-10-04 (PCT/US1991/007297)
[87] (WO1992/005778)
[30] US (593,684) 1990-10-05

[11] **2,094,338**
[13] C

[51] **Int.Cl. 5E05D 7/00**
[25] EN
[54] **CABINET HINGE**
[54] **CHARNIERE A MEUBLE**
[72] LAUTENSCHLAGER, HORST, DE
[73] MEPLA-WERKE LAUTENSCHLAGER GMBH & CO. KG, DE
[22] 1993-04-19
[30] EP (93101932.7) 1993-02-08

[11] **2,094,533**
[13] C

[51] **Int.Cl. 5A61K 47/38 5A61K 9/06**
[25] EN
[54] **HYDROCOLLOID WOUND GEL**
[54] **GELEE HYDROCOLLOIDE POUR PLAIES**
[72] QUEEN, DOUGLAS, GB
[72] CHAMBERS, LESLEY A., GB
[72] DELARGY, HUGH, GB
[72] ADAMS, SIMON M., GB
[73] QUEEN, DOUGLAS, GB
[73] CHAMBERS, LESLEY A., GB
[73] DELARGY, HUGH, GB
[73] ADAMS, SIMON M., GB
[22] 1993-04-21
[30] GB (GB9208731) 1992-04-22

[11] **2,103,332**
[13] C

[51] **Int.Cl. 5C10M 129/44**
[25] EN
[54] **METHOD OF PREPARING HIGH DROPPING POINT LITHIUM COMPLEX SOAP GREASES**
[54] **METHODE DE PREPARATION DE GRAISSES COMPLEXES DE SAVON AU LITHIUM A POINT DE GOUTTE ELEVE**
[72] BREWSTER, PHILLIP W., CA
[72] ALEXANDER, A. GORDON, CA
[72] BROWN, TERRANCE O., CA
[73] IMPERIAL OIL, CA
[22] 1993-11-17
[30] US (987,523) 1992-12-08

[11] **2,103,625**
[13] C

[51] **Int.Cl. 5C08G 73/10 5C08G 18/02**
[25] EN
[54] **PROCESS FOR PRODUCING POLYCARBODIIMIDE RESIN**
[54] **PROCEDE D'OBTENTION D'UNE RESINE DE POLYCARBODIIMIDE**
[72] IMASHIRO, YASUO, JP
[72] TAKAHASHI, IKUO, JP
[73] NISSHINBO INDUSTRIES INC., JP
[22] 1993-08-09
[30] JP (04-235331) 1992-08-10

[11] **2,103,806**
[13] C

[51] **Int.Cl. 5B67D 3/00 5A47K 5/12**
[25] EN
[54] **LIQUID DISPENSER FOR VERTICAL WALL MOUNTING**
[54] **DISTRIBUTEUR DE LIQUIDE MONTE AU MUR**
[72] COMSTOCK, ROGER D., US
[72] TISCHNER, RYAN K., US
[72] PEARCE, WAYNE E., US
[73] BETTER LIVING PRODUCTS, INC., US
[85] 1993-08-10
[86] 1992-02-11 (PCT/US1992/001182)
[87] (WO1992/013795)
[30] US (653,142) 1991-02-11

[11] **2,106,187**
[13] C

[51] **Int.Cl. 5F24F 13/12**
[25] EN
[54] **FLOW REGULATOR ADAPTABLE FOR USE WITH EXHAUST FROM A PROCESS CHAMBER**
[54] **REGULATEUR DE DEBIT ADAPTABLE, DESTINE A L'ECHAPPEMENT D'UNE CHAMBRE DE TRAITEMENT**
[72] PALMER, DAVID, US
[73] PALMER, DAVID, US
[85] 1993-09-14
[86] 1992-03-13 (PCT/US1992/002013)
[87] (WO1992/016884)
[30] US (07/669,746) 1991-03-15

Canadian Patents Issued
December 10, 2002

[11] **2,107,959**
[13] C
[51] **Int.Cl. 5B29B 13/08 5B29B 9/06**
[25] EN
[54] **PROCESS FOR PREPARING CRYSTALLINE MOLDING RESINS**
[54] **PROCEDE D'OBTENTION DE RESINES A MOULER CRISTALLINES**
[72] MASON, JAMES P., US
[73] BAYER CORPORATION, US
[22] 1993-10-07
[30] US (07/966,237) 1992-10-26

[11] **2,108,414**
[13] C
[51] **Int.Cl. 5B27B 5/16 5B23D 45/00**
[25] EN
[54] **PORTABLE WORK BENCH**
[54] **ETABLI PORTABLE**
[72] CHENEY, KIRK S., CA
[73] CHENEY, KIRK S., CA
[22] 1993-10-14

[11] **2,109,333**
[13] C
[51] **Int.Cl. 5A61M 25/02**
[25] EN
[54] **ANCHOR PAD FOR CATHETERIZATION SYSTEM**
[54] **TAMPON D'ANCRAGE POUR SYSTEME DE CATHETERISATION**
[72] BIERMAN, STEVEN F., US
[73] VENETEC INTERNATIONAL, INC., US
[85] 1993-10-26
[86] 1992-05-07 (PCT/US1992/003923)
[87] (WO1992/019309)
[30] US (697,640) 1991-05-08

[11] **2,109,934**
[13] C
[51] **Int.Cl. 5C07D 401/14 5C07D 401/04 5C07D 413/14 5C07D 417/14 5A61K 31/445 5A61K 31/495 5A61K 31/535**
[25] EN
[54] **SUBSTITUTED INDOLES AS ANTI-AIDS PHARMACEUTICALS**
[54] **UTILISATION D'INDOLES SUBSTITUEES COMME COMPOSES PHARMACEUTIQUES ANTI-SIDA**
[72] ROMERO, DONNA LEE, US
[72] THOMAS, RICHARD CHARLES, US
[73] PHARMACIA & UPJOHN COMPANY, US
[85] 1993-11-24
[86] 1992-06-23 (PCT/US1992/005067)
[87] (WO1993/001181)
[30] US (725,053) 1991-07-03

[11] **2,112,383**
[13] C
[51] **Int.Cl. 5A61L 29/00 5A61L 31/00**
[25] EN
[54] **COEXTRUDED MEDICAL GRADE PORT TUBING**
[54] **TUBULURE MEDICALE A ORIFICE CO-EXTRUDEE**
[72] LO, YING-CHENG, US
[72] PATEL, INDRAJIT T., US
[72] WOO, LECON, US
[72] CHEUNG, Y. WILSON, US
[72] LING, MICHAEL T. K., US
[73] BAXTER INTERNATIONAL INC., US
[85] 1993-12-23
[86] 1993-05-12 (PCT/US1993/004566)
[87] (WO1993/023108)
[30] US (7/883,001) 1992-05-14

[11] **2,113,269**
[13] C
[51] **Int.Cl. 5C08J 3/03 5C08F 291/00 5C08F 2/18**
[25] EN
[54] **PROCESS FOR PREPARING A DISPERSION AND FOR PREPARING POLYMER PARTICLES**
[54] **PROCEDE D'OBTENTION D'UNE DISPERSION ET D'OBTENTION DE POLYMERES EN PARTICULES**
[72] BERGE, ARVID, NO
[72] NILSEN, TOM-NILS, NO
[72] BJORGUM, JON-OLAV, NO
[72] UGELSTAD, JOHN, NO
[73] SINVENT A/S, NO
[85] 1994-01-11
[86] 1992-07-15 (PCT/NO1992/000123)
[87] (WO1993/002112)
[30] GB (9115372.6) 1991-07-16

[11] **2,114,015**
[13] C
[51] **Int.Cl. 5C12N 15/13 5C12P 21/08 5C12N 15/10 5C12P 19/34 5A61K 39/395 6C07K 16/46 5C12N 15/62**
[25] EN
[54] **RECOMBINANT ANTIBODIES FOR HUMAN THERAPY**
[54] **ANTICORPS RECOMBINANTS POUR LA THERAPIE HUMAINE**
[72] NEWMAN, ROLAND A., US
[72] HANNA, NABIL, US
[72] RAAB, RONALD W., US
[73] IDEC PHARMACEUTICALS CORPORATION, US
[85] 1994-01-21
[86] 1992-07-24 (PCT/US1992/006194)
[87] (WO1993/002108)
[30] US (735,064) 1991-07-25
[30] US (856,281) 1992-03-23

[11] **2,114,378**
[13] C
[51] **Int.Cl. 5G11B 17/04**
[25] EN
[54] **DISC RECORDING AND/OR REPRODUCING APPARATUS**
[54] **APPAREIL D'ENREGISTREMENT ET/OU DE LECTURE A DISQUE**
[72] FUKUYAMA, YUTAKA, JP
[72] ITO, SHINJI, JP
[72] TAKAMATSU, ATSUSHI, JP
[73] SONY CORPORATION, JP
[22] 1994-01-27
[30] JP (PO5-O34455) 1993-01-29

[11] **2,114,652**
[13] C
[51] **Int.Cl. 5C09C 1/02 5D21H 19/52 5D21H 19/58**
[25] FR
[54] **PROCEDE DE PREPARATION D'UNE SUSPENSION AQUEUSE A BASE DE SULFATE DE CALCIUM**
[54] **PROCESS FOR THE PREPARATION OF A CALCIUM SULPHATE-BASED AQUEOUS SUSPENSION**
[72] GUIDI, TOMIZIO, BE
[72] SART, MICHEL, BE
[73] PRAYON-RUPEL TECHNOLOGIES, BE
[85] 1994-01-31
[86] 1992-08-03 (PCT/BE1992/000031)
[87] (WO1993/002963)
[30] BE (9100718) 1991-08-02

[11] **2,115,745**
[13] C
[51] **Int.Cl. 5C07C 43/04 5C08K 7/00 5C07C 41/09 5C07C 41/44**
[25] EN
[54] **ESTER-FREE ETHERS**
[54] **ETHERS SANS ESTER**
[72] GODWIN, ALLEN D., US
[72] MATHYS, GEORGES M. K., BE
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1994-02-15
[86] 1992-08-14 (PCT/EP1992/001875)
[87] (WO1993/004028)
[30] EP (91307574.3) 1991-08-16

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,116,577**
[13] C

[51] **Int.Cl. 5F16D 55/225**
[25] EN
[54] **DISC BRAKE**
[54] **FREIN A DISQUE**
[72] SUNDBSTROM, PAUL, AU
[72] HUTH, ALAN, AU
[73] GLADSTONE PORT AUTHORITY, AU
[85] 1994-02-25
[86] 1992-08-31 (PCT/AU1992/000458)
[87] (WO1993/005313)
[30] AU (PK 8070) 1991-08-29

[11] **2,116,699**
[13] C

[51] **Int.Cl. 5H02G 3/14**
[25] EN
[54] **ELECTRICAL OUTLET FINISHING PLATE**
[54] **PLAQUE POUR PRISE DE COURANT**
[72] LOGAN, RICHARD, CA
[73] MID-AMERICA BUILDING PRODUCTS CORPORATION, US
[22] 1994-03-01
[30] US (08/030,582) 1993-03-12

[11] **2,116,773**
[13] C

[51] **Int.Cl. 5C07D 249/08 5C07D 401/12 5C07D 403/12 5C07D 405/12 5C07D 409/12 5C07D 413/12 5C07D 417/12 5C07D 417/14 5A61K 31/41 5A61K 31/435 5A61K 31/495**
[25] EN
[54] **TRIAZOLYLATED TERTIARY AMINE COMPOUND OR SALT THEREOF**
[54] **COMPOSE D'AMINE TERTIAIRE TRIAZOLYLE OU SEL DE CE COMPOSE**
[72] OKADA, MINORU, JP
[72] KAWAMINAMI, EIJI, JP
[72] YODEN, TORU, JP
[72] KUDOU, MASAFUMI, JP
[72] ISOMURA, YASUO, JP
[73] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP
[85] 1994-03-01
[86] 1992-08-27 (PCT/JP1992/001089)
[87] (WO1993/005027)
[30] JP (Hei-3-248268) 1991-09-02
[30] JP (Hei-3-344011) 1991-12-02

[11] **2,117,049**
[13] C

[51] **Int.Cl. 5B60C 15/024**
[25] EN
[54] **RADIAL PLY TIRE**
[54] **PNEU RADIAL**
[72] BEARD, RICHARD CHARLES, US
[72] KACHNER, MICHAEL DAVID, US
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1994-03-04
[30] US (08/148,783) 1993-11-05

[11] **2,118,355**
[13] C

[51] **Int.Cl. 5H04B 7/06**
[25] EN
[54] **ORTHOGONAL POLARIZATION AND TIME VARYING OFFSETTING OF SIGNALS FOR DIGITAL DATA TRANSMISSION OR RECEPTION**
[54] **UTILISATION DE POLARISATION ORTHOGONALES ET DE DECALAGES DE SIGNAUX VARIANT AVEC LE TEMPS POUR L'EMISSION OU LA RECEPTION DE SIGNAUX**
[72] GANS, MICHAEL JAMES, US
[72] WEERACKODY, VIJITHA, US
[72] WINTERS, JACK HARRIMAN, US
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
[22] 1994-10-18
[30] US (159,880) 1993-11-30

[11] **2,118,557**
[13] C

[51] **Int.Cl. 5F02C 9/16**
[25] EN
[54] **A COOLED TURBINE NOZZLE ASSEMBLY AND A METHOD OF CALCULATING THE DIAMETERS OF COOLING HOLES FOR USE IN SUCH AN ASSEMBLY**
[54] **DISTRIBUTEUR DE TURBINE REFROIDI ET METHODE DE CALCUL DU DIAMETRE DES ORIFICES DE REFROIDISSEMENT DUDIT DISTRIBUTEUR**
[72] HARROGATE, IAN WILLIAM ROBERT, GB
[73] ROLLS-ROYCE PLC, GB
[22] 1994-03-08
[30] GB (9305010.2) 1993-03-11

[11] **2,121,147**
[13] C

[51] **Int.Cl. 6C07K 14/785 6C07K 7/06 6C07K 7/08 6A61K 38/17 5A61K 35/42 5A61K 9/72**
[25] EN
[54] **SYNTHETIC LUNG SURFACTANT HAVING ANTIOXIDANT PROPERTIES**
[54] **SURFACTANT PULMONAIRE SYNTHETIQUE AYANT DES PROPRIETES ANTIOXYDANTES**
[72] MCLEAN, LARRY R., US
[72] PAYNE, MARGUERITE H., US
[73] MERRELL PHARMACEUTICALS INC., US
[85] 1994-04-12
[86] 1992-10-13 (PCT/US1992/008728)
[87] (WO1993/008824)
[30] US (789,918) 1991-11-04

[11] **2,125,230**
[13] C

[51] **Int.Cl. 5F25J 3/04**
[25] FR
[54] **PROCEDE ET UNITE DE FOURNITURE D'UN GAZ SOUS PRESSION A UNE INSTALLATION CONSOMMATRICE D'AIR**
[54] **METHOD AND APPARATUS FOR FEEDING PRESSURIZED GAS TO AN AIR CONSTITUANT CONSUMING FACILITY**
[72] EKINS, ROBERT, AU
[72] GUILLARD, ALAIN, FR
[73] L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE PO UR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 1994-06-06
[30] FR (93 06789) 1993-06-07

[11] **2,129,217**
[13] C

[51] **Int.Cl. 5B60C 11/11**
[25] EN
[54] **PNEUMATIC TIRE FOR USE ON AGRICULTURAL TRACTORS AND OTHER LIKE VEHICLES**
[54] **PNEU POUR TRACTEURS AGRICOLES ET AUTRES VEHICULES SEMBLABLES**
[72] BONKO, MARK LEONARD, US
[72] LOPP, LORAN CLYDE, JR., US
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1994-07-29
[30] US (08/257,983) 1994-06-10

Canadian Patents Issued
December 10, 2002

[11] 2,132,839
[13] C

[51] Int.Cl. 5B64C 27/43
[25] EN
[54] **AUTOGYRO AIRCRAFT**
[54] **AERONEF AUTOGYRE**
[72] GROEN, HENRY JAY, US
[72] GROEN, DAVID LYNN, US
[73] SEGO TOOL, INCORPORATED, US
[85] 1994-09-23
[86] 1993-03-25 (PCT/US1993/002835)
[87] (WO1993/018966)
[30] US (857,317) 1992-03-25
[30] US (931,018) 1992-08-17

[11] 2,142,240
[13] C

[51] Int.Cl. 6C12P 21/04 6C07K 7/64
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF CYCLOSPORIN A FROM TOLYPOCLADIUM SPECIES**
[54] **UN MODE DE PREPARATION DE LA CYCLOSPORINE A PARTIR D'ESPECES TOLYPOCLADIUM**
[72] BALARAMAN, KOTHANDAPANI, IN
[72] MATHEW, NISHA, IN
[73] NATIONAL RESEARCH DEVELOPMENT CORPORATION, IN
[22] 1995-02-10

[11] 2,143,012
[13] C

[51] Int.Cl. 6A61B 17/062 6A61B 17/06
[25] EN
[54] **ENDOSCOPIC SUTURE SYSTEM**
[54] **SYSTEME ENDOSCOPIQUE DE SUTURE**
[72] GORDON, NORMAN S., US
[72] COOPER, ROBERT P., US
[72] GUNN, GORDON C., US
[73] BOSTON SCIENTIFIC CORPORATION, US
[22] 1995-02-21
[30] US (08/205,042) 1994-03-02

[11] 2,140,179
[13] C

[51] Int.Cl. 6F25B 41/04
[25] EN
[54] **TWO MOP EXPANSION VALVES, ONE PRESSURE SETTING FOR HEATING MODE AND ONE FOR COOLING MODE**
[54] **DEUX DETENDEURS, DONT UN POUR REGLER LA PRESSION EN MODE CHAUFFAGE ET UN EN MODE REFROIDISSEMENT**
[72] SJOHOLM, LARS I., US
[72] KWON, SUNG L., US
[72] ERICKSON, LEE J., US
[73] THERMO KING CORPORATION, US
[22] 1995-01-13
[30] US (182912) 1994-01-14

[11] 2,142,273
[13] C

[51] Int.Cl. 6A62B 1/14
[25] EN
[54] **DEVICE FOR ROPING DOWN AND HOISTING PEOPLE AND/OR LOADS FROM OR TO GREAT HEIGHTS**
[54] **DISPOSITIF POUR DESCENDRE ET HISSER DES PERSONNES OU DES CHARGES A DES HAUTEURS IMPORTANTES**
[72] BLODER, HANS, AT
[73] BLODER, HANS, AT
[85] 1995-02-10
[86] 1993-08-09 (PCT/AT1993/000129)
[87] (WO1994/003234)
[30] AT (A 1606/92) 1992-08-10

[11] 2,146,680
[13] C

[51] Int.Cl. 6C23G 1/14 6H01L 21/70
[25] EN
[54] **CLEANING WAFER SUBSTRATES OF METAL CONTAMINATION WHILE MAINTAINING WAFER SMOOTHNESS**
[54] **METHODE POUR ELIMINER LES CONTAMINANTS METALLIQUES PRESENTS SUR LES TRANCHES D'UN SEMI-CONDUCTEUR TOUT EN GARDANT CES DERNIERES LISSES**
[72] ILARDI, JOSEPH M., US
[72] SCHWARTZKOPF, GEORGE, US
[73] MALLINCKRODT BAKER, INC., US
[22] 1995-04-10
[30] US (08/264,858) 1994-06-23

[11] 2,141,326
[13] C

[51] Int.Cl. 6H01J 49/26
[25] EN
[54] **METHOD FOR GENERATING FILTERED NOISE SIGNAL AND BROADBAND SIGNAL HAVING REDUCED DYNAMIC RANGE IN MASS SPECTROMETRY**
[54] **METHODE DE GENERATION DE SIGNAUX DE BRUIT FILTRES ET DE SIGNAUX A LARGE BANDE A DYNAMIQUE REDUITE POUR LA SPECTROSCOPIE DE MASSE**
[72] KELLEY, PAUL E., US
[72] HOEKMAN, DONEIL J., US
[73] SHIMADZU CORPORATION, JP
[85] 1995-01-27
[86] 1993-07-28 (PCT/US1993/007092)
[87] (WO1994/004252)
[30] US (07/928,262) 1992-08-11

[11] 2,142,939
[13] C

[51] Int.Cl. 6A61F 2/06
[25] EN
[54] **STENT HAVING A MULTIPLICITY OF CLOSED CIRCULAR STRUCTURES**
[54] **EXTENSEUR DOTE DE MULTIPLES STRUCTURES CIRCULAIRES FERMEES**
[72] FISCHHELL, ROBERT E., US
[72] FISCHHELL, DAVID R., US
[72] FISCHHELL, TIM A., US
[73] CORDIS CORPORATION, US
[22] 1995-02-20
[30] US (08/202,128) 1994-02-25

[11] 2,146,803
[13] C

[51] Int.Cl. 6A47K 10/10
[25] EN
[54] **APPARATUS FOR PROVIDING INSTANT IMPREGNATED WIPES**
[54] **DISTRIBUTEUR DE TAMPONS IMPREGNES**
[72] NGAI, MOU, NL
[72] LOOMAN, GERRIT J., NL
[73] NGAI, MOU, NL
[73] LOOMAN, GERRIT J., NL
[22] 1995-04-11
[30] GB (9408783.0) 1994-05-04

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,150,114**
[13] C

[51] **Int.Cl. 6C08G 77/08 6C09D 183/04**
[25] EN
[54] **POLYSILOXANE COATING**
[54] **REVETEMENT A BASE DE POLYSILOXANE**
[72] TERNOIR, LEONARD E., US
[72] FOSCANTE, RAYMOND E., US
[72] GASMENA, ROLAND L., US
[73] AMERON, INC., US
[85] 1995-05-24
[86] 1993-10-01 (PCT/US1993/009413)
[87] (WO1994/012586)
[30] US (07/980908) 1992-11-24

[11] **2,154,799**
[13] C

[51] **Int.Cl. 6C08F 8/50**
[25] EN
[54] **METHOD FOR THE PYROLYSIS OF POLYMERS**
[54] **METHODE DE PYROLYSE DES POLYMERES**
[72] MIURA, EIGO, JP
[72] YAMANAKA, TAKASHI, JP
[72] OHORI, RYOJI, JP
[72] OHDAIRA, AKIO, JP
[72] INAGAKI, HAJIME, JP
[72] ITOH, YOSHIKUNI, JP
[72] MORITA, YOSHINORI, JP
[72] NISHIWAKI, KENICHI, JP
[73] MITSUI CHEMICALS INC., JP
[22] 1991-04-10
[62] 2,058,992
[30] JP (2-94498) 1990-04-10
[30] JP (2-123865) 1990-05-14
[30] JP (2-170438) 1990-06-28

[11] **2,165,102**
[13] C

[51] **Int.Cl. 6G07B 17/02**
[25] EN
[54] **METHOD FOR IDENTIFYING A METERING ACCOUNTING VAULT TO DIGITAL PRINTER**
[54] **METHODE DE COMMUNICATION ENTRE UNE MACHINE AFFRANCHISSEUSE NUMERIQUE ET LE CENTRE DE COMPTAGE ET DE COMMANDE CORRESPONDANT**
[72] LEE, YOUNG W., US
[72] MOH, SUNGWON, US
[72] MULLER, ARNO, US
[73] PITNEY BOWES INC., US
[22] 1995-12-13
[30] US (08/361,409) 1994-12-22

[11] **2,165,113**
[13] C

[51] **Int.Cl. 6E21B 49/08**
[25] EN
[54] **PORTABLE WELL TESTING APPARATUS**
[54] **DISPOSITIF PORTABLE D'ESSAI D'UN PUIT**
[72] NELSON, CLIFF, CA
[73] NELSON, CLIFF, CA
[22] 1995-12-13

[11] **2,166,915**
[13] C

[51] **Int.Cl. 6A61N 5/00 6A61M 25/10**
[25] EN
[54] **INTRACAVITARY CATHETER FOR USE IN THERAPEUTIC RADIATION PROCEDURES**
[54] **CATHETER INTRACAVITAIRE POUR RADIOTHERAPIE**
[72] D'ANDREA, MARK A., US
[73] D'ANDREA, MARK A., US
[22] 1996-01-10
[30] US (395,865) 1995-02-28

[11] **2,170,336**
[13] C

[51] **Int.Cl. 6G11B 7/085**
[25] EN
[54] **TECHNIQUE FOR CLOSED LOOP SERVO OPERATION IN OPTICAL DISC TRACKING**
[54] **TECHNIQUE POUR SERVOCOMMANDE EN BOUCLE FERME POUR LE CENTRAGE DE DISQUE OPTIQUE**
[72] CESHKOVSKY, LUDWIG, US
[73] DISCOVISION ASSOCIATES, US
[22] 1996-02-26
[30] US (08/474,424) 1995-06-07

[11] * **2,171,482**
[13] C

[51] **Int.Cl. 6G06F 15/163 6H04M 11/06**
[25] EN
[54] **METHOD AND APPARATUS FOR TELEPHONE PROOF OF DOCUMENTS**
[54] **METHODE ET APPAREIL DE CORRECTION DE DOCUMENTS PAR TELEPHONE**
[72] JOHNSON, WILLIAM J., US
[72] WEBER, OWEN W., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1996-03-01
[30] US (396,296) 1995-02-28

[11] **2,172,046**
[13] C

[51] **Int.Cl. 6E21B 43/118 6F42C 5/00 6F42C 15/33**
[25] EN
[54] **FLUID ACTIVATED DETONATING SYSTEM**
[54] **SYSTEME DE DETONATION DECLENCHE PAR FLUIDE**
[72] YUNAN, MALAK E., US
[73] CONOCO INC., US
[85] 1996-03-18
[86] 1993-10-07 (PCT/US1993/009683)
[87] (WO1995/009969)

[11] **2,172,535**
[13] C

[51] **Int.Cl. 6G06F 3/00**
[25] EN
[54] **VIRTUAL REALITY NETWORK**
[54] **RESEAU A REALITE VIRTUELLE**
[72] DURWARD, JAMES, CA
[72] LEVINE, JONATHAN, CA
[72] NEMETH, MICHAEL, CA
[72] PRETTEGANI, JERRY, CA
[72] TWEEDIE, IAN T., CA
[73] VIRTUAL UNIVERSE CORPORATION, CA
[85] 1996-03-22
[86] 1994-09-22 (PCT/CA1994/000529)
[87] (WO1995/008793)
[30] US (08/125,950) 1993-09-23

[11] **2,174,578**
[13] C

[51] **Int.Cl. 6E03F 7/00**
[25] EN
[54] **SEWER LINE TRAP PRIMING ASSEMBLY AND ANTISIPHONING CONDUIT COMPONENT THEREFOR**
[54] **DISPOSITIF DE REMPLISSAGE DES SIPHONS D'UNE CONDUITE D'EGOUT ET DISPOSITIF ANTI-SIPHONNEMENT CONNEXE**
[72] PERROTT, CHARLES H., US
[72] DOWDICAN, FRANK W., US
[73] C.H. PERROTT, INC., US
[22] 1996-04-19
[30] US (08/583,723) 1996-01-05

Canadian Patents Issued
December 10, 2002

[11] **2,183,080**
[13] C
[51] **Int.Cl. 6G01P 1/07 6G01P 13/00 6G01P 15/08 6G01P 3/42**
[25] EN
[54] **DEVICE AND METHOD FOR MONITORING THE TRANSIT TIME OF TRANSPORTED ARTICLES**
[54] **DISPOSITIF ET PROCEDE POUR LE CONTROLE DU TEMPS DE TANSIT D'ARTICLES TRANSPORTES**
[72] ROMPE, ANDRE, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 1996-08-09
[86] 1995-02-09 (PCT/EP1995/000469)
[87] (WO1995/022061)
[30] DE (P 44 04 195.0) 1994-02-10

[11] **2,186,642**
[13] C
[51] **Int.Cl. 6B66C 1/58**
[25] EN
[54] **HOIST LOCK**
[54] **VERROUILLAGE POUR TREUIL DE LEVAGE**
[72] HOSKING, JOHN, CA
[73] HOSKING, JOHN, CA
[22] 1996-09-26

[11] **2,186,809**
[13] C
[51] **Int.Cl. 6E04C 1/39**
[25] EN
[54] **WATER DIVERTING BUILDING BLOCK**
[54] **BLOC DE CONSTRUCTION EVACUATEUR D'EAU**
[72] SAUVE, DENNIS L., CA
[73] NEWBLOCK CORPORATION, CA
[22] 1996-09-30

[11] **2,187,050**
[13] C
[51] **Int.Cl. 6H05K 5/03 6H04Q 7/32**
[25] EN
[54] **DOOR MECHANISM FOR CELLULAR TRANSCIEVER**
[54] **MECANISME DE CAPOT D'EMETTEUR-RECEPTEUR**
[72] PARK, BONG CHOON, KR
[72] HUMPHREYS, MORRIS, US
[72] LEMAN, ARI, US
[73] NOKIA MOBILE PHONES LTD., FI
[22] 1996-10-03
[30] US (08/551,375) 1995-11-01

[11] **2,187,548**
[13] C
[51] **Int.Cl. 6B67D 5/56 6B67D 5/02**
[25] EN
[54] **CHEMICAL SOLUTION FILLING SYSTEM**
[54] **SYSTEME DE MANUTENTION DE SOLUTIONS CHIMIQUES**
[72] DECKER, JAMES D., US
[72] COPELAND, JAMES L., US
[73] ECOLAB INC., US
[22] 1996-10-09
[30] US (08/624,992) 1996-03-29

[11] **2,193,027**
[13] C
[51] **Int.Cl. 6G07B 17/02**
[25] EN
[54] **METHOD OF MAPPING DESTINATION ADDRESSES FOR USE IN CALCULATING DIGITAL TOKENS**
[54] **METHODE DE MISE EN CORRESPONDANCE DES ADRESSES DE DESTINATION POUR LE CALCUL DES JETONS NUMERIQUES**
[72] LEE, DAVID K., US
[73] PITNEY BOWES INC., US
[22] 1996-12-16
[30] US (08/574,746) 1995-12-19

[11] **2,194,136**
[13] C
[51] **Int.Cl. 6B05B 3/18 6D21F 1/32**
[25] EN
[54] **A STRAIGHT LINE MOTION PRODUCING APPARATUS**
[54] **APPAREIL PRODUISANT UN MOUVEMENT EN LIGNE DROITE**
[72] SCARANO, ROBERT V., US
[73] KADANT INC., US
[85] 1996-12-30
[86] 1995-06-26 (PCT/US1995/007990)
[87] (WO1996/000618)
[30] US (08/267,957) 1994-06-29

[11] **2,196,085**
[13] C
[51] **Int.Cl. 6C12N 15/62 6A61K 39/00 6A61K 48/00 6C07K 16/00 6C07K 19/00 6C12Q 1/02 6A61K 35/12 6A61K 38/17 6A61K 47/48 6A61K 31/70 6C07K 14/74**
[25] EN
[54] **MHC COMPLEXES AND USES THEREOF**
[54] **COMPLEXES BASES SUR LE COMPLEXE MAJEUR D'HISTOCOMPABILITE ET LEURS APPLICATIONS**
[72] WONG, HING C., US
[72] RHODE, PETER R., US
[72] WEIDANZ, JON A., US
[72] GRAMMER, SUSAN, US
[72] EDWARDS, ANA C., US
[72] CHAVAILLAZ, PIERRE-ANDRE, US
[72] JIAO, JIN-AN, US
[73] SUNOL MOLECULAR CORPORATION, US
[85] 1997-01-27
[86] 1995-07-31 (PCT/US1995/009816)
[87] (WO1996/004314)
[30] US (08/283,302) 1994-07-29
[30] US (08/382,454) 1995-02-01

[11] **2,197,385**
[13] C
[51] **Int.Cl. 6G01R 15/00 6G01N 27/26**
[25] EN
[54] **ELECTROCHEMICAL SENSORS HAVING IMPROVED SELECTIVITY AND ENHANCED SENSITIVITY**
[54] **CAPTEURS ELECTROCHIMIQUES A SELECTIVITE AMELIOREE ET A SENSIBILITE ACCRUE**
[72] HILDENBRAND, KARLHEINZ, DE
[72] SIEGMUND, HANS-ULRICH, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1997-02-12
[30] DE (19605583.0) 1996-02-15

**Brevets canadiens délivrés
10 décembre 2002**

[11] * **2,197,915**
[13] C

[51] **Int.Cl. 6H04L 9/14**
[25] EN
[54] **CRYPTOGRAPHIC KEY RECOVERY SYSTEM**
[54] **SYSTEME DE RECOUVREMENT DE CLES CRYPTOGRAPHIQUES**
[72] JOHNSON, DONALD B., US
[72] KARGER, PAUL A., US
[72] KAUFMAN, CHARLES W., JR., US
[72] MATYAS, STEPHEN M., JR., US
[72] YUNG, MARCEL M., US
[72] ZUNIC, NEVENKO, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1997-02-05
[30] US (08/629,815) 1996-04-10

[11] * **2,197,916**
[13] C

[51] **Int.Cl. 6H04B 10/10 6G06F 3/00**
[25] EN
[54] **OPTICAL TRANSMITTER AND TRANSCEIVER MODULE FOR WIRELESS DATA TRANSMISSION**
[54] **MODULE D'EMISSION ET DE RECEPTION DE LUMIERE POUR LA TRANSMISSION DE DONNEES SANS FIL**
[72] GFELLER, FRITZ, CH
[72] RICHARD, HEINZ, CH
[72] WEISS, BEAT, CH
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 1997-02-05
[86] 1994-09-03 (PCT/EP1994/002940)
[87] (WO1996/008090)

[11] **2,198,190**
[13] C

[51] **Int.Cl. 6C07D 493/08 6C08F 246/00 6C07D 487/08 6A61K 6/083 6C07D 491/18 6C07D 493/18 6C07C 69/54 6C07C 69/757**
[25] EN
[54] **FUNCTIONALIZED BICYCLIC (METH) ACRYLATES**
[54] **(METH)ACRYLATES BICYCLIQUES FONCTIONNALISES**
[72] MOSZNER, NORBERT, LI
[72] ZEUNER, FRANK, LI
[72] RHEINBERGER, VOLKER, LI
[72] VOGEL, KARIN, LI
[73] IVOCLAR AG, LI
[22] 1997-02-21
[30] DE (196 08 316.8) 1996-02-22

[11] **2,201,092**
[13] C

[51] **Int.Cl. 6G01R 27/00 6G01V 3/32**
[25] EN
[54] **METHOD AND APPARATUS FOR RESISTIVITY DETERMINATION BY NUCLEAR MAGNETIC RESONANCE MEASUREMENT**
[54] **METHODE ET APPAREIL DE DETERMINATION DE LA RESISTIVITE PAR LA MESURE DE LA RESONANCE MAGNETIQUE NUCLEAIRE**
[72] REIDERMAN, ARCADY, US
[72] TAICHER, GERSH (ZVI), US
[73] WESTERN ATLAS INTERNATIONAL, INC., US
[22] 1997-03-26
[30] US (08/625,211) 1996-04-01

[11] **2,201,967**
[13] C

[51] **Int.Cl. 6A61K 31/165 6A61K 9/16**
[25] EN
[54] **ACETAMIDE DERIVATIVE HAVING DEFINED PARTICLE SIZE**
[54] **MODAFINIL AYANT UNE GRANULOMETRIE DEFINIE**
[72] STONG, DAVID, US
[72] CORVARI, VINCENT, US
[72] GREBOW, PETER E., US
[73] CEPHALON, INC., US
[85] 1997-04-04
[86] 1995-10-04 (PCT/US1995/012944)
[87] (WO1996/011001)
[30] US (08/319,124(CON)) 1994-10-06
[30] US (08/319,124) 1994-10-06

[11] **2,202,924**
[13] C

[51] **Int.Cl. 6A61K 7/155 6A61K 7/06**
[25] FR
[54] **UTILISATION D'AU MOINS UN INHIBITEUR DE LIPOXYGENASE ET D'AU MOINS UN INHIBITEUR DE CYCLO-OXYGENASE POUR MODIFIER LA POUSSE DES POILS ET/OU DES CHEVEUX**
[54] **USE OF AT LEAST ONE LIPOXYGENASE INHIBITOR AND AT LEAST ONE CYCLO-OXYGENASE INHIBITOR TO ALTER THE GROWTH OF HAIR**
[72] DURANTON, ALBERT, FR
[73] L'OREAL, FR
[22] 1997-04-16
[30] FR (96 04 795) 1996-04-17

[11] **2,203,233**
[13] C

[51] **Int.Cl. 6B01F 17/00 6C11D 3/20**
[25] EN
[54] **HYDROXYESTERS AS COUPLING AGENTS FOR SURFACTANT FORMULATIONS**
[54] **HYDROXYESTERS COMME AGENTS DE COUPLAGE POUR LES FORMULATIONS DE SURFACTANT**
[72] KEYS, ROBERT O., US
[73] GOLDSCHMIDT CHEMICAL CORPORATION, US
[22] 1997-04-21
[30] US (08/638,614) 1996-04-26

[11] **2,204,331**
[13] C

[51] **Int.Cl. 6C04B 35/42 6H01L 23/36**
[25] EN
[54] **HIGH THERMAL CONDUCTIVITY COMPOSITE AND METHOD**
[54] **COMPOSITE A HAUTE CONDUCTIVITE THERMIQUE ET METHODE POUR SA PRODUCTION**
[72] MARINER, JOHN THOMAS, US
[72] SAYIR, HALUK, US
[73] ADVANCED CERAMICS CORPORATION, US
[22] 1997-05-02
[30] US (642,469) 1996-05-03

[11] **2,205,240**
[13] C

[51] **Int.Cl. 6H04N 5/91 6H04N 5/781**
[25] EN
[54] **RECORDING MEDIUM HAVING VIDEO DATA STORED THEREIN WHICH IS CAPABLE OF FORCIBLY REPRODUCING SUB-PICTURE IN ACCORDANCE WITH STATE OF REPRODUCTION AND SYSTEM FOR THE SAME**
[54] **SUPPORT D'ENREGISTREMENT CONTENANT DES DONNEES VIDEO CAPABLE DE REPRODUIRE DES SOUS-IMAGES SELON UNE SITUATION DE REPRODUCTION ET SYSTEME UTILISANT CE SUPPORT**
[72] HISATOMI, SHUICHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[22] 1997-05-13
[30] JP (8-119067) 1996-05-14

Canadian Patents Issued
December 10, 2002

[11] 2,206,136
[13] C

[51] Int.Cl. 6D06F 75/24
[25] FR
[54] FER A REPASSER MULTIZONES
ET METHODE DE REGULATION
THERMIQUE DE LA PARTIE CHAUDE
[54] MULTIZONE LAUNDRY IRON
AND METHOD FOR THE THERMAL
REGULATION OF THE HOT PART
[72] BRANDOLINI, JEAN-LOUIS, FR
[72] GELUS, DOMINIQUE, FR
[73] SEB S.A., FR
[85] 1997-05-13
[86] 1995-11-24 (PCT/FR1995/001555)
[87] (WO1996/017122)
[30] FR (94/14417) 1994-11-25

[11] 2,206,202
[13] C

[51] Int.Cl. 6C23C 8/24
[25] EN
[54] A SURFACE NITRIDING METHOD
OF AN ALUMINUM MATERIAL, AND
AN AGENT FOR NITRIDING
[54] PROCEDE DE NITRURATION
D'UNE SURFACE D'ALUMINIUM ET
ADJUVANT DE NITRURATION
[72] MIURA, HIROHISA, JP
[72] YAMADA, YASUHIRO, JP
[72] KATOH, HARUZO, JP
[73] TOYOTA JIDOSHA KABUSHIKI
KAISHA, JP
[73] TOYO ALUMINIUM KABUSHIKI
KAISHA, JP
[85] 1997-05-27
[86] 1996-10-02 (PCT/JP1996/002912)
[87] (WO1997/013002)
[30] JP (7-255115) 1995-10-02
[30] JP (8-56529) 1996-03-13

[11] 2,207,729
[13] C

[51] Int.Cl. 6F01M 1/04
[25] EN
[54] LUBRICATING SYSTEM IN 4-
CYCLE ENGINE
[54] CIRCUIT DE LUBRIFICATION
POUR MOTEUR QUATRE TEMPS
[72] RYU, YASUTAKE, JP
[72] HIRANO, TOMOHIRO, JP
[72] KATAYAMA, SHINJI, JP
[72] SHIGA, MITSUO, JP
[73] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 1997-06-13
[30] JP (268469/96) 1996-10-09

[11] 2,208,167
[13] C

[51] Int.Cl. 6G01V 3/18 6E21B 49/00
6E21B 47/12 6G01V 3/30 6G01V 3/38
[25] EN
[54] APPARATUS AND METHOD FOR
DETERMINING PROPERTIES OF
ANISOTROPIC EARTH FORMATIONS
[54] APPAREIL ET METHODE
SERVANT A DETERMINER LES
PROPRIETES DES FORMATIONS
ANISOTROPES
[72] WU, PETER T., US
[73] SCHLUMBERGER CANADA
LIMITED, CA
[22] 1997-06-18
[30] US (60/020,305) 1996-06-19
[30] US (08/876,821) 1997-06-16

[11] 2,208,792
[13] C

[51] Int.Cl. 6C07D 401/06 6C07D 403/06
6C07D 413/06 6C07D 417/06 6C07D 401/
14 6C07D 405/14 6C07D 409/14 6C07D
419/14 6A61K 31/41 6A61K 31/435 6A61K
31/495 6A61K 31/535 6A61K 31/54
[25] EN
[54] SUBSTITUTED INDAZOLE
DERIVATIVES
[54] DERIVES INDAZOLES
SUBSTITUES
[72] MARFAT, ANTHONY, US
[73] PFIZER INC., US
[22] 1997-06-25
[30] US (60/021,072) 1996-06-27

[11] 2,209,695
[13] C

[51] Int.Cl. 6A61K 7/48 6A61K 31/715
[25] FR
[54] UTILISATION D'UN
POLYHOLOSIDE DANS UNE
COMPOSITION DESTINEE A
FAVORISER LA DESQUAMATION DE
LA PEAU, ET COMPOSITION LE
COMPRENANT
[54] USE OF A POLYHOLOSIDE IN A
COMPOSITION TO PROMOTE
DESQUAMATION AND THE
COMPOSITION CONTAINING IT
[72] BRETON, LIONEL, FR
[72] PINEAU, NATHALIE, FR
[73] L'OREAL, FR
[22] 1997-07-09
[30] FR (96 08 616) 1996-07-10

[11] 2,210,589
[13] C

[51] Int.Cl. 6B65H 39/06 6B65B 25/14
6B65B 35/50
[25] EN
[54] DEVICE FOR TURNING AN
EDITORIAL PRODUCT ON A
PACKAGING LINE
[54] DISPOSITIF POUR FAIRE
TOURNER UN PRODUIT D'EDITION
SUR UNE LIGNE D'EMBALLAGE
[72] TASSI, LAMBERTO, IT
[72] BALLESTRAZZI, ARIS, IT
[73] SITMA S.P.A., IT
[22] 1997-07-15
[30] IT (MI96/U 000508) 1996-07-16

[11] 2,211,781
[13] C

[51] Int.Cl. 6G02B 5/26 6H04J 14/02
[25] EN
[54] HYBRID OPTICAL FILTERING
CIRCUIT
[54] CIRCUIT DE FILTRAGE OPTIQUE
HYBRIDE
[72] DUCK, GARY STEPHEN, CA
[72] FARRIES, MARK, CA
[72] CHENG, YIHAO, CA
[73] JDS FITEL INC., CA
[22] 1997-07-29
[30] US (08/701,796) 1996-08-26

[11] 2,211,782
[13] C

[51] Int.Cl. 6G02B 27/10
[25] EN
[54] OPTICAL TAP COUPLER DEVICE
[54] DISPOSITIF DE PRISE/COUPLEUR
OPTIQUE
[72] CHENG, YIHAO, CA
[73] JDS FITEL INC., CA
[22] 1997-07-29
[30] US (08/698,648) 1996-08-16

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,212,150**
[13] C

[51] **Int.Cl. 6C12N 5/20 6C12N 5/02 6C12N 5/08 6C07K 16/28 6G01N 33/567**
[25] EN
[54] **MONOCLONAL ANTIBODIES FOR HUMAN OSTEOGENIC CELL SURFACE ANTIGENS**
[54] **ANTICORPS MONOCLONAUX CONTRE DES ANTIGENES DE SURFACE DE CELLULES OSTEOGENES**
[72] HAYNESWORTH, STEPHEN E., US
[72] BRUDER, SCOTT P., US
[72] CAPLAN, ARNOLD I., US
[73] OSIRIS THERAPEUTICS, INC., US
[73] CASE WESTERN RESERVE UNIVERSITY, US
[85] 1997-08-01
[86] 1996-01-03 (PCT/US1996/000370)
[87] (WO1996/024848)
[30] US (08/384,039) 1995-02-06

[11] **2,214,452**
[13] C

[51] **Int.Cl. 6A61K 7/135 6A61K 7/09 6A61K 7/13**
[25] FR
[54] **COMPOSITION OXYDANTE GELIFIEE ET UTILISATIONS POUR LA TEINTURE, POUR LA DEFORMATION PERMANENTE OU POUR LA DECOLORATION DES CHEVEUX**
[54] **JELLIFIED OXIDANT COMPOSITION AND USES FOR THE TINTING, PERMANENT SET OR BLEACHING OF HAIR**
[72] MAUBRU, MIREILLE, FR
[73] L'OREAL, FR
[22] 1997-09-17
[30] FR (96 11 318) 1996-09-17

[11] **2,214,902**
[13] C

[51] **Int.Cl. 6A61K 7/032**
[25] FR
[54] **COMPOSITIONS POUR LE MAQUILLAGE DES YEUX**
[54] **COMPOSITIONS FOR EYE MAKEUP**
[72] COLLIN, NATHALIE, FR
[72] COUTURE, HUGUETTE, FR
[73] L'OREAL, FR
[22] 1997-09-19
[30] FR (96 11 878) 1996-09-30

[11] **2,215,780**
[13] C

[51] **Int.Cl. 6B65D 81/26**
[25] EN
[54] **DRAINING MEANS FOR VENTING SYSTEMS**
[54] **MOYEN DE DRAINAGE POUR SYSTEMES DE VENTILATION**
[72] ROGERS, NEIL JOHN, BE
[72] VAN DEN BRANDEN, BRUNO, BE
[72] LAKE, KIRK WALLACE, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-09-17
[86] 1996-02-20 (PCT/US1996/002246)
[87] (WO1996/029264)
[30] EP (95104281.1) 1995-03-23

[11] **2,217,527**
[13] C

[51] **Int.Cl. 6C02F 1/18**
[25] EN
[54] **WATER DISTILLER WITH IMPROVED AUTOMATIC SHUT-OFF FEATURE**
[54] **DISTILLATEUR D'EAU AVEC DISPOSITIF D'ARRET AUTOMATIQUE AMELIORE**
[72] BELONGIA, DAVID C., US
[73] THE WEST BEND COMPANY, US
[22] 1997-10-07
[30] US (08/819,763) 1997-03-18

[11] **2,218,265**
[13] C

[51] **Int.Cl. 6A61B 17/36**
[25] EN
[54] **METHOD FOR NON-SYNCHRONOUS LASER-ASSISTED TRANSMYOCARDIAL REVASCULARIZATION**
[54] **METHODE DE REVASCULARISATION TRANSMYOCARDIQUE NON SYNCHRONES ASSISTEE PAR LASER**
[72] KINLEY, FRED G., US
[72] MURPHY-CHUTORIAN, DOUGLAS R., US
[72] MUELLER, RICHARD L., US
[72] GIBA, JEFFREY J., US
[72] ROUSH, MARK, US
[72] HARMAN, STUART D., US
[73] ECLIPSE SURGICAL TECHNOLOGIES, INC., US
[22] 1997-10-15
[30] US (08/729,325) 1996-10-15
[30] US (08/904,222) 1997-07-31

[11] **2,218,649**
[13] C

[51] **Int.Cl. 6B65D 83/08 6B65D 81/22**
[25] EN
[54] **CONTAINER FOR MOIST WIPES**
[54] **RECIPIENT POUR LINGETTES HUMIDES**
[72] BAUER, RAINER RICHARD BERND, DE
[72] BITOWFT, BRUCE KEVIN, DE
[72] FRANK, MARTIN WERNER, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-10-20
[86] 1996-03-29 (PCT/US1996/004351)
[87] (WO1996/033111)
[30] EP (95105997.1) 1995-04-21

[11] **2,219,381**
[13] C

[51] **Int.Cl. 6G01S 13/74 6H04B 7/22**
[25] EN
[54] **MODULATED BACKSCATTER SENSOR SYSTEM**
[54] **SYSTEME DE DETECTION A MODULATION DE SIGNAUX RETRODIFFUSES**
[72] PIDWERBETSKY, ALEX, US
[72] SHOBER, R. ANTHONY, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1997-10-27
[30] US (777,771) 1996-12-31

[11] *** 2,219,557**
[13] C

[51] **Int.Cl. 6G06F 9/44**
[25] EN
[54] **RUN-TIME INSTRUMENTATION FOR OBJECT ORIENTED PROGRAMMED APPLICATIONS**
[54] **SURVEILLANCE DU TEMPS D'EXECUTION D'APPLICATIONS PROGRAMMEES ORIENTEES OBJETS**
[72] KNIGHT, CHRISTINE NANCY, CA
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
[22] 1997-10-29

Canadian Patents Issued
December 10, 2002

[11] 2,220,354
[13] C
[51] Int.Cl. 6C30B 29/54 6C30B 25/00
[25] EN
[54] METHOD AND APPARATUS
USING ORGANIC VAPOR PHASE
DEPOSITION FOR THE GROWTH OF
ORGANIC THIN FILMS
[54] PROCEDE ET APPAREIL DE
DEPOT CHIMIQUE EN PHASE
VAPEUR ORGANIQUE PERMETTANT
LA CROISSANCE DE PELLICULES
FINES ORGANIQUES PRESENTANT
D'IMPORTANTES NON-LINEARITES
OPTIQUES
[72] BURROWS, PAUL E., US
[72] SCHWARTZ, JEFFREY, US
[72] BAN, VLADIMIR S., US
[72] FORREST, STEPHEN R., US
[73] THE TRUSTEES OF PRINCETON
UNIVERSITY, US
[85] 1997-11-06
[86] 1996-05-13 (PCT/US1996/006768)
[87] (WO1996/037639)
[30] US (08/444,252) 1995-05-19

[11] 2,225,242
[13] C
[51] Int.Cl. 6B41J 27/18 6B41J 2/175
[25] EN
[54] VENTING PLUG IN TONER
CARTRIDGE
[54] BOUCHON DE MISE A L'AIR
LIBRE DE CARTOUCHE DE TONER
[72] WARD, EARL DAWSON II, US
[72] CURRY, STEVEN ALAN, US
[72] STREAN, ROBERT FLYNT, US
[72] COFFEY, JOHNNIE A., US
[73] LEXMARK INTERNATIONAL, INC.,
US
[22] 1997-12-19
[30] US (08/770,329) 1996-12-20

[11] 2,225,321
[13] C
[51] Int.Cl. 6H04L 12/56
[25] EN
[54] METHOD OF TRANSFERRING
INTERNET PROTOCOL PACKETS BY
THE USE OF FAST ATM CELL
TRANSPORT AND NETWORK FOR
PERFORMING THE METHOD
[54] METHODE DE TRANSFERT DE
PAQUETS A PROTOCOLE INTERNET
PAR TRANSMISSION RAPIDE DE
CELLULES MTA ET RESEAU
UTILISANT CETTE METHODE
[72] ACHARYA, ARUP, US
[72] DIGHE, RAJIV, US
[73] NEC CORPORATION, JP
[22] 1997-12-19
[30] US (08/771,559) 1996-12-20

[11] 2,225,359
[13] C
[51] Int.Cl. 6B65G 47/12 6B65G 17/12
6B65G 47/84
[25] EN
[54] APPARATUS FOR SINGLE FILE
TRANSPORTING OF BOTTLES AND
MOLDED ARTICLES
[54] APPAREIL POUR LE TRANSPORT
EN UNE SEULE LIGNE DE
BOUTEILLES ET D'ARTICLES
MOULES
[72] SCHINDEL, HUGO, DE
[73] SCHINDEL, HUGO, DE
[22] 1997-12-19
[30] DE (196 53 090.3) 1996-12-20

[11] 2,226,002
[13] C
[51] Int.Cl. 6B60N 2/26
[25] EN
[54] VEHICULAR CHILD SAFETY
SEAT
[54] SIEGE D'AUTO POUR ENFANT
[72] ONISHI, ICHIRO, JP
[72] IMAMICHI, TOSHIYUKI, JP
[73] APRICA KASSAI
KABUSHIKIKAISHA, JP
[22] 1997-12-30
[30] JP (9-1170) 1997-01-08
[30] JP (9-289733) 1997-10-22

[11] 2,226,642
[13] C
[51] Int.Cl. 6B02C 23/06 6C09C 3/04
6C09C 3/10 6D21H 17/69
[25] FR
[54] UTILISATION DE SELS D'ACIDES
POLYASPARTIQUES COMME AGENT
D'AIDE AU BROYAGE
[54] THE USE OF POLYASPARTIC
ACID SALTS AS A GRINDING AGENT
[72] SUAU, JEAN-MARC, FR
[72] JACQUEMET, CHRISTIAN, FR
[72] MONGOIN, JACQUES, FR
[73] COATEX S.A.S., FR
[22] 1998-02-13
[30] FR (97 01 973) 1997-02-14

[11] 2,227,654
[13] C
[51] Int.Cl. 6A61F 2/06
[25] EN
[54] STENT GRAFT WITH BRAIDED
POLYMERIC SLEEVE
[54] STENT AVEC MANCHON
TRICOTE POLYMERIQUE
[72] DU, GEORGE W., US
[72] THOMPSON, PAUL J., US
[73] SCHNEIDER (USA) INC., US
[22] 1998-01-21
[30] US (60/036,160) 1997-01-23

[11] 2,228,140
[13] C
[51] Int.Cl. 6C07C 1/12
[25] EN
[54] PROCESS FOR PREPARING
HYDROCARBONS
[54] PROCEDE DE PREPARATION
D'HYDROCARBURES
[72] LEE, KYU WAN, KR
[72] JUN, KI WON, KR
[72] CHOI, MYUONG JAE, KR
[72] LEE, SOO JAE, KR
[72] CHOI, PYOUNG HO, KR
[73] KOREA RESEARCH INSTITUTE OF
CHEMICAL TECHNOLOGY, KR
[85] 1998-01-28
[86] 1995-10-27 (PCT/KR1995/000139)
[87] (WO1997/005088)
[30] KR (1995-23318) 1995-07-31

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,228,752**
[13] C

[51] **Int.Cl. 6C07D 211/52 6A61K 31/445**
[25] EN
[54] **(1S,2S)-1-(4-HYDROXYPHENYL)-2-(4-HYDROXY-4-PHENYLPYPERIDIN-1-YL)-1-PROPANOL METHANESULFONATE TRIHYDRATE**
[54] **TRIHYDRATE DE METHANESULFONATE DE (1S,2S)-1-(4-HYDROXYPHENYL)-2-(4-HYDROXY-4-PHENYLPYPERIDIN-1-YL)-1-PROPANOL**
[72] FIESE, EUGENE F., US
[72] ANDINO, MARTA M., US
[72] SINAY, TERRY G., US
[73] PFIZER INC., US
[85] 1998-02-05
[86] 1996-06-20 (PCT/IB1996/000592)
[87] (WO1997/007098)
[30] US (60/002,238) 1995-08-11

[11] **2,230,445**
[13] C

[51] **Int.Cl. 6C07D 211/34 6C07D 401/12 6C07D 405/12 6C07D 409/12 6C07D 413/12 6C07D 417/12 6C07D 417/14 6C07D 295/185 6A61K 31/445 6A61K 31/47 6A61K 31/495 6A61K 31/53 6A61K 31/535 6A61K 31/54 6A61K 31/55 6C07D 211/62**
[25] EN
[54] **FIBRINOGEN RECEPTOR ANTAGONISTS AND MEDICINAL PREPARATIONS CONTAINING THE SAME AS THE ACTIVE INGREDIENT**
[54] **ANTAGONISTES DE RECEPTEUR DE FIBRINOGENE, ET PREPARATION MEDICINALE CONTENANT CES ANTAGONISTES EN TANT QU'INGREDIENT ACTIF**
[72] HAYASHI, YOSHIO, JP
[72] HARADA, TAKEO, JP
[72] TACHIKI, AKIRA, JP
[72] KATADA, JUN, JP
[73] NIPPON STEEL CORPORATION, JP
[85] 1998-02-25
[86] 1997-06-27 (PCT/JP1997/002252)
[87] (WO1997/049682)
[30] JP (8/167982) 1996-06-27

[11] **2,231,232**
[13] C

[51] **Int.Cl. 6A61B 17/32**
[25] EN
[54] **CHANNEL MOUNTED ACTIVATING MECHANISM FOR AN ENDOSCOPIC LIGATOR**
[54] **MECANISME ACTIONNEUR POUR APPAREIL ENDOSCOPIQUE A LIGATURES MONTE EN CANAL**
[72] PEIFER, RODNEY, US
[72] SIMMONS, MICHAEL K., US
[73] WILSON-COOK MEDICAL INC., US
[85] 1998-03-05
[86] 1996-09-06 (PCT/US1996/014374)
[87] (WO1997/008996)
[30] US (08/524,069) 1995-09-06

[11] **2,232,001**
[13] C

[51] **Int.Cl. 6A61K 35/74 6C12Q 1/02 6C12Q 1/68**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREVENTION AND TREATMENT OF CLOSTRIDIUM DIFFICILE-ASSOCIATED DISEASES**
[54] **PROCEDES ET COMPOSITIONS POUR PREVENIR ET TRAITER LES MALADIES ASSOCIEES A CLOSTRIDIUM DIFFICILE**
[72] GERDING, DALE N., US
[73] GERDING, DALE N., US
[85] 1998-03-13
[86] 1996-09-13 (PCT/US1996/014868)
[87] (WO1997/009886)
[30] US (60/003,847) 1995-09-15

[11] **2,232,679**
[13] C

[51] **Int.Cl. 6C22C 38/50 6C22C 38/54**
[25] EN
[54] **HIGH-STRENGTH, NOTCH-DUCTILE PRECIPITATION-HARDENING STAINLESS STEEL ALLOY**
[54] **ALLIAGE D'ACIER INOXYDABLE DE HAUTE RESISTANCE RESILIENT DURCI PAR PRECIPITATION**
[72] MARTIN, JAMES W., US
[72] DULMAINE, BRADFORD A., US
[72] KOSA, THEODORE, US
[73] CRS HOLDINGS, INC., US
[85] 1998-03-19
[86] 1996-09-05 (PCT/US1996/014214)
[87] (WO1997/012073)
[30] US (08/533,159) 1995-09-25

[11] **2,232,846**
[13] C

[51] **Int.Cl. 6B65H 20/32**
[25] EN
[54] **LARGE OR FLIMSY SHEETS STACKING SYSTEM FOR DISK TYPE INVERTER-STACKER**
[54] **INVERSEUR-TRIEUR A DISQUE POUR CLASSER DES FEUILLES DE GRANDE DIMENSION OU DE PAPIER MINCE**
[72] MCVEIGH, DANIEL J., US
[73] XEROX CORPORATION, US
[22] 1998-03-23
[30] US (08/893,754) 1997-07-11

[11] **2,232,897**
[13] C

[51] **Int.Cl. 6F01D 5/18**
[25] EN
[54] **GAS TURBINE COOLING MOVING BLADE**
[54] **AUBE MOBILE A REFROIDISSEMENT POUR TURBINE A GAZ**
[72] FUKUNO, HIROKI, JP
[72] SUENAGA, KIYOSHI, JP
[72] TOMITA, YASUOKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1998-03-24
[30] JP (071860/1997) 1997-03-25

[11] **2,233,703**
[13] C

[51] **Int.Cl. 6B22D 11/04 6C25D 5/02 6B22D 11/14**
[25] EN
[54] **CONTINUOUS CASTING MOLD AND METHOD OF MAKING SAME**
[54] **MOULE POUR COULEE CONTINUE ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] LORENTO, DONALD P., CA
[73] SMS SCHLOEMANN-SIEMAG INC., US
[85] 1998-04-01
[86] 1996-10-03 (PCT/US1996/016003)
[87] (WO1997/012708)
[30] US (08/538,624) 1995-10-04

Canadian Patents Issued
December 10, 2002

[11] 2,234,713
[13] C

[51] **Int.Cl. 6A61K 7/32**
[25] EN
[54] **UNDERARM COMPOSITIONS**
[54] **COMPOSITIONS POUR LES**
AISSELLES
[72] CORREIA, MARTINHO, BE
[72] HAGAN, DESMOND BERNARD, GB
[73] UNILEVER PLC, GB
[85] 1998-04-15
[86] 1996-10-04 (PCT/EP1996/004329)
[87] (WO1997/016162)
[30] GB (9521990.3) 1995-10-27

[11] 2,234,992
[13] C

[51] **Int.Cl. 6B65H 19/18**
[25] EN
[54] **CENTER DRIVE UNWIND SYSTEM**
[54] **SYSTEME DE DEBOBINAGE A**
ENTRAINEMENT PAR LE CENTRE
[72] FORTUNA, RUDOLPH S., US
[72] BIRNBAUM, LARRY E., US
[72] DANIELS, MICHAEL EARL, US
[72] BAGGOT, JAMES LEO, US
[72] PAULING, PAUL KERNER, US
[72] GRUBER, DAVID ROBERT, US
[72] BA DOUR, JAMES D., JR., US
[73] PAPER CONVERTING MACHINE
COMPANY, US
[22] 1998-04-14
[30] US (08/838,278) 1997-04-16

[11] 2,235,410
[13] C

[51] **Int.Cl. 6C08L 67/02**
[25] EN
[54] **POLYESTER/POLYAMIDE BLEND**
HAVING IMPROVED FLAVOR
RETAINING PROPERTY AND
CLARITY
[54] **MELANGE DE POLYESTER/**
POLYAMIDES AMELIORE EN
MAINTIEN DE SAVEUR ET EN
TRANSPARENCE
[72] TURNER, SAM RICHARD, US
[72] SPRAYBERRY, HAROLD BLAKE,
US
[72] STAFFORD, STEVEN LEE, US
[72] LONG, TIMOTHY EDWARD, US
[73] EASTMAN CHEMICAL COMPANY,
US
[85] 1998-04-21
[86] 1996-10-21 (PCT/US1996/016854)
[87] (WO1997/015629)
[30] US (08/548,162) 1995-10-25

[11] 2,236,035
[13] C

[51] **Int.Cl. 6E01D 22/00 6E04G 23/02**
[25] EN
[54] **REPAIR AND REINFORCEMENT**
METHOD FOR PREEXISTING
STRUCTURES AND AN ANISOTROPIC
TEXTILE USED THEREFOR
[54] **PROCEDE DE REPARATION OU**
DE RENFORCEMENT DE
STRUCTURES EXISTANTES ET TISSUS
ANISOTROPES UTILISES DANS CE
BUT
[72] SUGIMORI, MASAHIRO, JP
[72] SANO, TOMOWO, JP
[72] FUKUMOTO, MASAYUKI, JP
[72] YOKOCHI, TADASHI, JP
[72] HAYASHI, SHIGETSUGU, JP
[72] KONISHI, HIDEO, JP
[72] TAKASU, MIKIO, JP
[72] AOKI, TOSHIKAZU, JP
[72] SUZUMURA, YASUSHI, JP
[73] MITSUBISHI RAYON CO., LTD., JP
[85] 1998-04-28
[86] 1996-11-01 (PCT/JP1996/003208)
[87] (WO1997/016602)
[30] JP (7-284751) 1995-11-01
[30] JP (7-284752) 1995-11-01
[30] JP (8-032473) 1996-02-20
[30] JP (8-038048) 1996-02-26
[30] JP (8-243495) 1996-09-13
[30] JP (8-243496) 1996-09-13
[30] JP (8-265940) 1996-10-07

[11] 2,237,173
[13] C

[51] **Int.Cl. 6B07B 4/08 6C05F 17/00**
6C05F 9/02 6B03B 9/06 6B07B 1/24
[25] EN
[54] **APPARATUS AND METHOD FOR**
USE IN WASTE RECYCLING AND
CONVERSION
[54] **APPAREIL ET PROCEDE DE**
RECYCLAGE ET DE
TRANSFORMATION DE DECHETS
[72] WALTER, HERMAN K., CA
[72] VOGT, GREGORY M., CA
[72] VOGT, HUBERT S., CA
[73] EASTERN POWER LIMITED, CA
[85] 1998-05-08
[86] 1996-11-29 (PCT/CA1996/000792)
[87] (WO1997/020643)
[30] US (60/007,862) 1995-12-01

[11] 2,237,826
[13] C

[51] **Int.Cl. 6H04B 17/00**
[25] EN
[54] **FEEDBACK CONTROL SYSTEM**
FOR TELECOMMUNICATIONS
SYSTEMS
[54] **SYSTEME DE COMMANDE A**
RETROACTION POUR SYSTEMES DE
TELECOMMUNICATION
[72] MEYERS, MARTIN HOWARD, US
[72] WEAVER, CARL FRANCIS, US
[72] TARRAF, AHMED A., US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1998-05-19
[30] US (08/882,436) 1997-06-25

[11] 2,238,159
[13] C

[51] **Int.Cl. 6B21D 5/14 6B21D 11/20**
[25] EN
[54] **MODULAR MULTIPURPOSE**
BENDING MACHINE AND ITS LINEAR
POSITIONING SYSTEM
[54] **CINTREUSE MODULAIRE A**
USAGES MULTIPLES EQUIPEE D'UN
SYSTEME DE MISE EN POSITION
LINEAIRE
[72] CAPORUSSO, ALESSANDRO, IT
[72] CAPORUSSO, MARIO, IT
[72] RAMANDI, STEFANO, IT
[72] RAMANDI, ROSSANO, IT
[73] C.M.L. COSTRUZIONI
MECCANICHE LIRI S.R.L., IT
[22] 1998-05-21
[30] IT (RM97A000310) 1997-05-23

[11] 2,238,953
[13] C

[51] **Int.Cl. 6A63C 19/08 6G01C 15/04**
6E01C 13/08
[25] EN
[54] **LINE SYSTEM FOR PLAYING**
FIELD
[54] **SYSTEME DE MARQUAGE POUR**
TERRAIN DE JEU
[72] PREVOST, JEAN, CA
[72] PREVOST, JACQUES, CA
[73] PREVOST, JEAN, CA
[73] PREVOST, JACQUES, CA
[22] 1998-05-26

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,239,195**
[13] C

[51] **Int.Cl. 6B01J 19/32 6F27D 17/00**
[25] EN
[54] **CERAMIC PACKING WITH CHANNELS FOR THERMAL AND CATALYTIC BEDS**
[54] **GARNISSAGE CERAMIQUE POURVU DE CANAUX, POUR LITS THERMIQUES ET CATALYTIQUES**
[72] LANG, KO C., US
[72] HUANG, JUN, CN
[73] LANTEC PRODUCTS, INC., US
[85] 1998-05-29
[86] 1996-12-23 (PCT/US1996/020261)
[87] (WO1997/024572)
[30] US (60/009,876) 1995-12-29
[30] US (08/630,958) 1996-04-05

[11] **2,240,144**
[13] C

[51] **Int.Cl. 6E21D 21/00 6F16B 13/12**
[25] EN
[54] **LOW TORQUE THREADED FASTENER AND MINE ROOF SUPPORT SYSTEM USING SUCH A FASTENER**
[54] **FIXATION FILETEE A FAIBLE COUPLE ET SYSTEME DE SUPPORT DE PLAFOND DE MINE UTILISANT CETTE FIXATION**
[72] TREMBLAY, RICHARD, CA
[72] MENSOUR, PETER, CA
[72] STEKLASA, MARK, CA
[73] MANSOUR, MILAD, CA
[22] 1998-06-10
[30] US (08/888,330) 1997-07-03

[11] **2,240,854**
[13] C

[51] **Int.Cl. 6B01F 17/00 6C09C 1/02 6C01F 11/18**
[25] EN
[54] **USE OF A COPOLYMER HAVING A SURFACTANT OR TENSIO-ACTIVE STRUCTURE AS DISPERSING AGENT AND/OR GRINDING AGENT**
[54] **UTILISATION D'UN COPOLYMER, AYANT UNE STRUCTURE DE SURFACTANT OU DE COMPOSE TENSIO-ACTIF, COMME AGENT DE DISPERSION OU COMME AGENT DE BROYAGE**
[72] JACQUEMET, CHRISTIAN, FR
[72] MONGOIN, JACQUES, FR
[72] SUAU, JEAN-MARC, FR
[72] EGRAZ, JEAN-BERNARD, FR
[73] COATEX S.A.S., FR
[22] 1998-07-17
[30] FR (97 09 387) 1997-07-18

[11] **2,241,710**
[13] C

[51] **Int.Cl. 6G06F 15/18**
[25] EN
[54] **OFF-LINE TEACHING METHOD**
[54] **METHODE D'ENSEIGNEMENT HORS LIGNE**
[72] AOKI, SHINJI, JP
[72] KANEKO, MASAKATSU, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-06-26
[30] JP (9-191459) 1997-07-16

[11] **2,242,216**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **PACKET SWITCHING APPARATUS ADAPTED TO CONTROL ALLOWED TRANSMISSION RATE IN PACKET SWITCHING NETWORK, AND METHOD OF CONTROLLING ALLOWED TRANSMISSION RATE**
[54] **APPAREIL DE COMMUTATION DE PAQUETS ADAPTE DE FACON A SELECTIONNER LE DEBIT DE TRANSMISSION AUTORISE DANS UN RESEAU DE TRANSMISSION DE DONNEES A COMMUTATION DE PAQUETS ET METHODE DE SELECTION DU DEBIT DE TRANSMISSION AUTORISE**
[72] MURASE, TUTOMU, JP
[72] IWASAKI, TAKASHI, JP
[73] NEC CORPORATION, JP
[22] 1998-06-30
[30] JP (9-176250) 1997-07-02

[11] **2,242,235**
[13] C

[51] **Int.Cl. 6A61F 2/18 6H04R 25/02**
[25] EN
[54] **ARRANGEMENT FOR ADJUSTING AND FIXING THE RELATIVE POSITION OF TWO COMPONENTS OF AN ACTIVE OR PASSIVE HEARING IMPLANT**
[54] **DISPOSITIF SERVANT AU REGLAGE DE LA POSITION RELATIVE ET A LA FIXATION DES DEUX COMPOSANTS D'UN IMPLANT AUDITIF ACTIF OU PASSIF**
[72] LEYSIEFFER, HANS, DE
[72] LEHNER, ROLF, DE
[73] PHONAK AG, CH
[22] 1998-06-30
[30] DE (197 38 587.7) 1997-09-03

[11] **2,243,675**
[13] C

[51] **Int.Cl. 6B60P 3/10 6B60P 3/073**
[25] EN
[54] **TRAILER-MOUNTED LATCHING MECHANISM FOR A BOAT**
[54] **MECANISME DE VERROUILLAGE POUR REMORQUE DE BATEAU**
[72] HYSLOP, WILLIAM J., US
[73] HYSLOP, WILLIAM J., US
[22] 1998-07-21
[30] US (08/898,068) 1997-07-22

[11] **2,244,099**
[13] C

[51] **Int.Cl. 6F28D 19/04 6B23P 15/26**
[25] EN
[54] **AIR PREHEATER WITH SEMI-MODULAR ROTOR CONSTRUCTION**
[54] **PRECHAUFFEUR D'AIR A CONSTRUCTION DE ROTOR SEMI-MODULAIRE**
[72] MATTISON, GLENN D., US
[72] BROPHY, MARK E., US
[72] FINNEMORE, HARLAN E., US
[72] COX, WILLIAM C., US
[72] WONDERLING, MICHAEL W., US
[72] SNIDER, REX R., US
[73] ALSTOM POWER INC., US
[85] 1998-07-24
[86] 1997-02-14 (PCT/US1997/002936)
[87] (WO1997/031234)
[30] US (604,914) 1996-02-22

[11] **2,244,352**
[13] C

[51] **Int.Cl. 6E05C 1/10 6E05D 15/22**
[25] EN
[54] **LOCK AND TILT LATCH FOR SLIDING WINDOWS**
[54] **VERROU ET FERMETURE DE BIAIS POUR FENETRES COULISSANTES**
[72] MYERS, STEPHEN O., US
[72] SHELDON, CYNTHIA L., US
[72] LANDHERR, JOSEPH P., US
[72] DELASKE, ROBBIN J., US
[73] TRUTH HARDWARE CORPORATION, US
[22] 1998-07-30
[30] US (09/066,940) 1998-04-27

Canadian Patents Issued
December 10, 2002

[11] 2,244,454
[13] C

[51] Int.Cl. 6A61K 33/00 6G01N 33/84
[25] EN
[54] USE OF NITRIC MONOXIDE FOR PREPARING MEDICATION FOR INTRAVASCULAR ADMINISTRATION
[54] UTILISATION DE MONOXYDE D'AZOTE POUR LA PREPARATION DE MEDICAMENT A ETRE ADMINISTRE PAR VOIE INTRAVASCULAIRE
[72] KELM, MALTE, DE
[73] KELM, MALTE, DE
[85] 1998-07-27
[86] 1997-02-03 (PCT/EP1997/000482)
[87] (WO1997/028810)
[30] DE (196 04 361.1) 1996-02-07

[11] 2,244,635
[13] C

[51] Int.Cl. 6G06F 3/14 6H04N 13/04 6G02B 27/22
[25] EN
[54] METHOD AND APPARATUS TO ALTERNATE STEREO SCOPIC IMAGES IN A VIDEO DISPLAY DEVICE
[54] METHODE ET DISPOSITIF SERVANT A ALTERNER LES IMAGES STEREO SCOPICIQUES SUR UN ECRAN VIDEO
[72] TETTERINGTON, KENNETH J., CA
[73] X3D TECHNOLOGIES CORP., US
[22] 1998-08-07
[30] US (60/054,933) 1997-08-08

[11] 2,244,638
[13] C

[51] Int.Cl. 6B60T 13/68
[25] EN
[54] 26-TYPE ELECTRONIC CONTROLLED PNEUMATIC CONVERSION BLOCK
[54] DE PNEUMATIQUE DE CONVERSION ELECTRONIQUE DE TYPE 26
[72] KUSHNIR, LAWRENCE M., JR., US
[72] SANTORO, RALPH JR., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-08-10
[30] US (106,697) 1998-06-29

[11] 2,245,157
[13] C

[51] Int.Cl. 6H04L 29/02 6H04Q 7/20
[25] EN
[54] SYSTEM AND METHOD FOR PUSHING INFORMATION FROM A HOST SYSTEM TO A MOBILE DATA COMMUNICATION DEVICE
[54] SYSTEME ET METHODE D'ACHEMINEMENT DE L'INFORMATION D'UN SYSTEME HOTE A UN DISPOSITIF DE TRANSMISSION DE DONNEES MOBILE
[72] LAZARIDIS, MIHAL, CA
[72] MOUSSEAU, GARY P., CA
[73] RESEARCH IN MOTION LIMITED, CA
[22] 1998-08-18
[30] US (09/087,623) 1998-05-29

[11] 2,245,303
[13] C

[51] Int.Cl. 6H04B 10/18
[25] EN
[54] METHOD AND APPARATUS FOR AUTOMATIC COMPENSATION OF FIRST-ORDER POLARIZATION MODE DISPERSION (PWD)
[54] METHODE ET APPAREIL DE COMPENSATION AUTOMATIQUE DE DISPERSION EN MODE POLARISATION DE PREMIER ORDRE
[72] FISHMAN, DANIEL A., US
[72] HEISMAN, FRED LUDWIG, US
[72] WILSON, DAVID L., US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1998-08-19
[30] US (08/931,553) 1997-09-16

[11] 2,246,651
[13] C

[51] Int.Cl. 6H02G 15/18
[25] FR
[54] DISPOSITIF DE PROTECTION ETANCHE POUR UNE JONCTION DE CABLES HAUTE TENSION
[54] WATERPROOF PROTECTION DEVICE FOR A HIGH-VOLTAGE CABLE JOINT
[72] LAURENT, MICHEL, CH
[72] HAHN, HEINZ, CH
[73] NEXANS, FR
[22] 1998-10-06
[30] FR (97 12 511) 1997-10-07

[11] 2,249,260
[13] C

[51] Int.Cl. 6H04J 3/16 6H04N 7/15 6H04N 7/173
[25] EN
[54] DYNAMIC BANDWIDTH ALLOCATION FOR A COMMUNICATION NETWORK
[54] ATTRIBUTION DYNAMIQUE DE LARGEURS DE BANDES POUR RESEAU DE COMMUNICATIONS
[72] HOU, VICTOR T., US
[72] FELLOWS, JONATHON A., US
[73] GENERAL INSTRUMENT CORPORATION, US
[85] 1998-09-15
[86] 1997-03-17 (PCT/US1997/004163)
[87] (WO1997/035410)
[30] US (60/014,230) 1996-03-18

[11] 2,249,380
[13] C

[51] Int.Cl. 6F16C 32/06 6D21G 1/02
[25] EN
[54] BEARING CONTROL SYSTEM FOR A ROLL WITH HYDROSTATIC BEARINGS
[54] SYSTEME DE COMMANDE DE PALIER DESTINE A UN CYLINDRE A PALIERS HYDROSTATIQUES
[72] HOLOPAINEN, KARI, FI
[72] NOKELAINEN, VESA, FI
[72] EHROLA, JUHA, FI
[72] LAHTINEN, JUHA, FI
[72] KIVIOJA, PEKKA, FI
[73] METSO PAPER, INC., FI
[85] 1998-09-21
[86] 1998-01-28 (PCT/FI1998/000087)
[87] (WO1998/036185)
[30] FI (970625) 1997-02-14
[30] FI (973743) 1997-09-22

[11] 2,249,805
[13] C

[51] Int.Cl. 6F02C 6/18 6F22B 1/18 6B01D 53/56
[25] EN
[54] EXHAUST HEAT RECOVERY BOILER
[54] CHAUDIERE DE RECUPERATION DE LA CHALEUR DE GAZ D'ECHAPPEMENT
[72] NAGASHIMA, TAKAYUKI, JP
[72] EGAMI, NORIHIDE, JP
[72] SHIMADA, HIDEAKI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[22] 1998-10-08
[30] JP (276203/1997) 1997-10-08

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,249,813**
[13] C

[51] **Int.Cl. 6H04Q 1/22 6H04L 12/24**
[25] EN
[54] **AUTONOMOUS OVERLOAD CONTROL FOR DISTRIBUTED REAL TIME SYSTEMS RELATED APPLICATION**
[54] **CONTROLE DE SURCHARGE AUTONOME POUR SYSTEMES DISTRIBUES EN TEMPS REEL**
[72] GEHI, GOPAL MENGHRAJ, US
[72] SOHRABY, KAZEM ANARAKY, US
[72] LIN, SHENG LING, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1998-10-06
[30] US (08/959,933) 1997-10-29

[11] **2,249,868**
[13] C

[51] **Int.Cl. 6H04Q 7/36 6H04L 29/06**
[25] EN
[54] **METHOD FOR ESTABLISHMENT OF THE POWER LEVEL FOR UPLINK DATA TRANSMISSION IN A MULTIPLE ACCESS SYSTEM FOR COMMUNICATIONS NETWORKS**
[54] **METHODE D'ETABLISSEMENT DU NIVEAU DE PUISSANCE DE LA LIAISON DE DONNEES MONTANTE DANS UN SYSTEME D'ACCES MULTIPLE DE RESEAU DE TELECOMMUNICATIONS**
[72] CHUAH, MOOI CHOO, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1998-10-08
[30] US (60/061,790) 1997-10-14
[30] US (60/077,741) 1998-03-12
[30] US (09/083,797) 1998-05-22

[11] **2,249,912**
[13] C

[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/38**
[25] EN
[54] **CELLULAR NETWORKS WITH SPARE BASE AND SATELLITE STATIONS**
[54] **RESEAUX CELLULAIRES AVEC STATIONS DE BASE ET STATIONS SATELLITES DE RESERVE**
[72] AGRAWAL, PRATHIMA, US
[72] RUDRAPATNA, ASHOK N., US
[73] AT&T CORP., US
[22] 1998-10-09
[30] US (08/943,291) 1997-10-14

[11] **2,251,077**
[13] C

[51] **Int.Cl. 6H01L 31/105 6H01L 25/04 6H01L 27/14**
[25] EN
[54] **THREE-COLOR SENSOR WITH A PIN-LAYER SEQUENCE OR A NIP-LAYER SEQUENCE**
[54] **CAPTEUR TROIS COULEURS AVEC SEQUENCE DE COUCHE DE TYPE P OU DE TYPE N**
[72] KNIPP, DIETMAR, DE
[72] FOLSCH, JOACHIM, DE
[72] STIEBIG, HELMUT, DE
[73] FORSCHUNGSZENTRUM JULICH GMBH, DE
[85] 1998-10-07
[86] 1997-04-07 (PCT/DE1997/000713)
[87] (WO1997/038450)
[30] DE (196 13 820.5) 1996-04-09

[11] **2,252,344**
[13] C

[51] **Int.Cl. 6C07D 231/56 6C07C 251/80**
[25] EN
[54] **IMPROVED METHODS OF PREPARING 4-CYANO-4-(SUBSTITUTED INDAZOLE)CYCLOHEXANE-CARBOXYLIC ACIDS USEFUL AS PDE4 INHIBITORS**
[54] **METHODES AMELIOREES POUR PREPARER DES ACIDES 4-CYANO-4-(INDAZOLYLE AVEC SUBSTITUTION)CYCLOHEXANECARBOXYLIQUES, UTILES COMME INHIBITEURS DE PDE4**
[72] CARON, STEPHANE, US
[73] PFIZER PRODUCTS INC., US
[22] 1998-11-02
[30] US (60/064,211) 1997-11-04

[11] **2,252,946**
[13] C

[51] **Int.Cl. 6H01M 2/16**
[25] EN
[54] **BATTERY SEPARATOR WITH POROUS BACKWEB AND RIBBING**
[54] **SEPARATEUR D'ACCUMULATEUR A ELEMENT SUPPORT POREUX COMPORTANT DES NERVURES**
[72] ALEXANDER, FRANCIS E., US
[72] YOUNG, JAMES, US
[73] AMTEK RESEARCH INTERNATIONAL, LLC, US
[85] 1998-10-23
[86] 1997-05-05 (PCT/US1997/008572)
[87] (WO1997/042670)
[30] US (08/646,764) 1996-05-08

[11] **2,255,885**
[13] C

[51] **Int.Cl. 6F04F 1/02**
[25] EN
[54] **PRESSURE TRANSFER MODULES**
[54] **MODULES DE TRANSFERT DE PRESSION**
[72] LOEFFLER, HERBERT H., US
[73] VAUGHN THERMAL CORPORATION, US
[85] 1998-11-19
[86] 1997-04-28 (PCT/US1997/007250)
[87] (WO1997/046805)
[30] US (08/659,626) 1996-06-06

[11] **2,256,074**
[13] C

[51] **Int.Cl. 6A01B 23/00 6A01B 35/26 6E02F 3/815**
[25] EN
[54] **SLIP ON SHOVEL**
[54] **PELLE AMOVIBLE**
[72] LOCH, GEORGE N., CA
[73] LOCH, GEORGE N., CA
[22] 1998-12-14

[11] **2,256,601**
[13] C

[51] **Int.Cl. 6G01R 31/01**
[25] EN
[54] **METHOD FOR TESTING ELECTRONIC COMPONENTS**
[54] **PROCEDE DE TEST DE COMPOSANTS ELECTRONIQUES**
[72] LEJEUNE, PHILIPPE, FR
[73] SOFTLINK, FR
[85] 1998-11-23
[86] 1997-05-23 (PCT/FR1997/000908)
[87] (WO1997/045748)
[30] FR (96/06611) 1996-05-29

[11] **2,256,772**
[13] C

[51] **Int.Cl. 6E01B 26/00 6E01B 1/00 6E01B 19/00**
[25] EN
[54] **RAILROAD TRACK COLLECTOR PAN SYSTEM**
[54] **SYSTEME DE BASSIN COLLECTEUR POUR VOIE DE CHEMIN DE FER**
[72] VINCENT, JON RUSS, US
[73] CENTURY GROUP, L.L.C., US
[22] 1998-12-18

Canadian Patents Issued
December 10, 2002

[11] 2,256,995
[13] C

[51] Int.Cl. 6B21B 15/00 6B21B 43/00
6B23K 13/01 6B21B 1/26

[25] EN

[54] A SYSTEM FOR CONTINUOUS
HOT ROLLING

[54] METHODE DE LAMINAGE A
CHAUD CONTINU

[72] TAKEBAYASHI, KATSUHIRO, JP

[72] KURODA, AKIO, JP

[72] NIKAIDO, HIDEYUKI, JP

[72] MORIMOTO, KAZUO, JP

[72] MIYAMOTO, KUNIO, JP

[72] TAKECHI, TOSHISADA, JP

[72] MITO, YOSHIKI, JP

[72] HAYASHI, KANJI, JP

[72] NAGAI, KAZUNORI, JP

[72] AMAGASA, TOSHIKI, JP

[72] HIRABAYASHI, TAKESHI, JP

[72] IZUMI, KIYOSHI, JP

[72] YAMADA, HIROSUKE, JP

[72] ISOYAMA, SHIGERU, JP

[72] TAMURA, NOZOMU, JP

[72] TSURUSAKI, KAZUYA, JP

[73] MITSUBISHI JUKOGYO KABUSHIKI
KAISHA, JP

[73] KAWASAKI STEEL CORPORATION,
JP

[22] 1994-06-15

[62] 2,142,464

[30] JP (5-167,362) 1993-06-15

[30] JP (5-169,850) 1993-06-17

[30] JP (5-275,515) 1993-11-04

[11] 2,257,118
[13] C

[51] Int.Cl. 6C12N 9/64 6C12Q 1/37
6C12Q 1/56

[25] EN

[54] RECOMBINANT BLOOD-
COAGULATION PROTEASES

[54] PROTEASES RECOMBINEES DE
COAGULATION SANGUINE

[72] HOPFNER, KARL-PETER, DE

[72] KOPETZKI, ERHARD, DE

[73] ROCHE DIAGNOSTICS GMBH, DE

[85] 1998-12-03

[86] 1997-06-11 (PCT/EP1997/003027)

[87] (WO1997/047737)

[30] EP (96109288.9) 1996-06-11

[30] EP (96110109.4) 1996-06-22

[30] EP (96110959.2) 1996-07-06

[11] 2,258,610
[13] C

[51] Int.Cl. 6B63B 22/02 6B63B 27/34

[25] EN

[54] DUAL FUNCTION MOORING

LINES FOR STORAGE VESSEL

[54] LIGNES D'AMARRE A DOUBLE
FONCTION POUR NAVIRE DE
STOCKAGE

[72] PORANSKI, PETER F., SR., US

[72] ETHERIDGE, CHARLES O., US

[73] FMC TECHNOLOGIES, INC., US

[85] 1998-12-17

[86] 1997-06-13 (PCT/US1997/010608)

[87] (WO1997/048596)

[30] US (60/020,005) 1996-06-21

[30] US (08/856,965) 1997-05-15

[11] 2,258,635
[13] C

[51] Int.Cl. 6A47B 88/08

[25] EN

[54] VERTICAL SUPPORT FOR A
SLIDE MECHANISM IN A CABINET

[54] SUPPORT VERTICAL POUR
MECANISME DE COULISSE DANS UN
MEUBLE DE RANGEMENT

[72] WRIGHT, ALAN, US

[72] SMEETZ, HERMAN, US

[72] BOWYER, STEVE, US

[73] HERMAN MILLER, INC., US

[85] 1998-12-17

[86] 1997-06-18 (PCT/US1997/010390)

[87] (WO1997/048311)

[30] US (08/667,437) 1996-06-21

[11] 2,258,908
[13] C

[51] Int.Cl. 6G10L 3/02 6G10L 3/00

[25] EN

[54] SPEECH RATE CONVERSION

WITHOUT EXTENSION OF INPUT

DATA DURATION, USING SPEECH

INTERVAL DETECTION

[54] CONVERSION DU DEBIT DE LA
PAROLE SANS L'EXTENSION DE LA
DURATION D'ENTREE DE DONNEES,
UTILISANT LA DETECTION PAR
INTERVALE DE LA PAROLE

[72] SEIYAMA, NOBUMASA, JP

[72] TAKAGI, TOHRU, JP

[72] IMAI, ATSUSHI, JP

[73] NIPPON HOSO KYOKAI, JP

[85] 1998-12-23

[86] 1998-04-30 (PCT/JP1998/001984)

[87] (WO1998/049673)

[30] JP (9/112961) 1997-04-30

[30] JP (9/112822) 1997-04-30

[11] 2,259,974
[13] C

[51] Int.Cl. 6B65D 88/08 6B65D 90/10

[25] EN

[54] TANK FOR STORING LIQUID

PRODUCTS

[54] CITERNE DE STOCKAGE POUR
PRODUITS LIQUIDES

[72] ALDYR, WITTER (DECEASED), BR

[73] PETROLEO BRASILEIRO S.A. -

PETROBRAS, BR

[85] 1999-01-06

[86] 1997-06-19 (PCT/BR1997/000022)

[87] (WO1998/004479)

[30] BR (PI 9603160-3) 1996-07-26

[11] 2,260,412
[13] C

[51] Int.Cl. 6C07D 231/12 6C07D 401/04

6C07D 231/16 6C07D 231/38 6A61K 31/

415 6A61K 31/44 6A01N 43/56

[25] EN

[54] PARASITICIDAL PYRAZOLES

[54] PYRAZOLES PARASITICIDES

[72] BANKS, BERNARD JOSEPH, GB

[73] PFIZER INC., US

[22] 1999-01-27

[30] GB (9801851.8) 1998-01-29

[11] 2,260,498
[13] C

[51] Int.Cl. 6C22C 38/48 6F02C 7/00

6F01D 25/00 6C22C 38/52 6C22C 38/54

[25] EN

[54] MATERIAL FOR GAS TURBINE

DISK

[54] METHODE DE CHEMISAGE

INTERIEUR DE TUYAUX

[72] TAKAHASHI, KOJI, JP

[72] YASUMOTO, YASUHIKO, JP

[72] MAGOSHI, RYOTARO, JP

[72] KADOYA, YOSHIKUNI, JP

[72] KAWAI, HISATAKA, JP

[72] TSUCHIYAMA, TOMOHIRO, JP

[73] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP

[22] 1999-01-27

[30] JP (10-14442) 1998-01-27

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,260,669**
[13] C

[51] **Int.Cl. 6B61G 9/12 6B61G 9/20**
[25] EN
[54] **SLACKLESS DRAWBAR ASSEMBLY USING AN IMPROVED BALL AND RACE CONNECTION ASSEMBLY**
[54] **BARRE DE TRACTION SANS ACCOUP UTILISANT UN RACCORD BILLES ET CAGE AMELIORE**
[72] RING, MICHAEL E., US
[72] DAUGHERTY, DAVID W., JR., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1999-02-04
[30] US (153,917) 1998-09-16

[11] **2,261,368**
[13] C

[51] **Int.Cl. 6G08G 1/095 6G09F 9/33**
[25] EN
[54] **LIGHT EMITTING DIODE RETROFITTING LAMPS FOR ILLUMINATED TRAFFIC SIGNS**
[54] **LAMPES A DIODES ELECTROLUMINESCENTES MODERNISEES POUR PANNEAUX DE SIGNALISATION LUMINEUX**
[72] WU, CHEN H., US
[73] LEOTEK ELECTRONICS CORPORATION, TW
[22] 1999-02-09
[30] US (09/075,492) 1998-05-08

[11] **2,261,436**
[13] C

[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/36**
[25] EN
[54] **A METHOD FOR PORTING A MOBILE DIRECTORY NUMBER FROM ONE WIRELESS SERVICE PROVIDER TO ANOTHER**
[54] **METHODE POUR TRANSFERER UN NUMERO DE TELEPHONE MOBILE D'UN FOURNISSEUR DE SERVICE DE COMMUNICATION SANS FIL A UN AUTRE**
[72] ROLLENDER, DOUGLAS HAROLD, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1999-02-09
[30] US (09/042,602) 1998-03-16

[11] **2,261,551**
[13] C

[51] **Int.Cl. 6F16B 19/02 6F16B 31/00 6F16B 43/00 6H05K 1/18 6H01L 23/50 6H01R 13/631 6H01R 23/72**
[25] EN
[54] **SOCKET FOR INTEGRATED CIRCUIT CHIP**
[54] **SUPPORT POUR MICROCIRCUIT INTEGRE**
[72] GOODWIN, JONATHAN WAYNE, US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 1999-02-10
[30] US (60/074,768) 1998-02-17
[30] US (082,720) 1998-05-21

[11] **2,261,771**
[13] C

[51] **Int.Cl. 6C01B 13/02 6B01D 53/04 6C01B 3/36**
[25] EN
[54] **METHOD FOR PROVIDING OXYGEN IN GAS PROCESS**
[54] **PROCEDE D'APPORT D'OXYGENE DANS UN PROCESSUS GAZEUX**
[72] BEER, GARY LEE, US
[73] ATLANTIC RICHFIELD COMPANY, US
[85] 1999-01-28
[86] 1997-08-04 (PCT/GB1997/002088)
[87] (WO1998/005588)
[30] US (08/692,424) 1996-08-05

[11] **2,262,328**
[13] C

[51] **Int.Cl. 6H02K 15/09**
[25] EN
[54] **ARMATURE WINDER**
[54] **BOBINEUR INDUITS**
[72] STRATICO, GIANFRANCO, IT
[72] BECHERUCCI, RAFFAELE, IT
[73] AXIS USA, INC., US
[22] 1999-02-18
[30] US (60/075,650) 1998-02-23
[30] US (60/077,158) 1998-03-06
[30] US (09/248,931) 1999-02-12

[11] **2,262,877**
[13] C

[51] **Int.Cl. 6B60N 2/28 6A47D 13/02**
[25] EN
[54] **INFANT CAR SEAT COVER**
[54] **HOUSSE DE SIEGE D'AUTO POUR BEBE**
[72] KLASSEN, ELIZABETH A., CA
[73] KLASSEN, ELIZABETH A., CA
[22] 1999-02-24
[30] US (09/217,510) 1998-12-21

[11] **2,263,054**
[13] C

[51] **Int.Cl. 6A61M 25/18**
[25] EN
[54] **ADAPTER FOR MOUNTING A FLUID HANDLING DEVICE ON A CATHETER TUBING**
[54] **ADAPTATEUR POUR INSTALLER UN DISPOSITIF DE MANIPULATION DES FLUIDES SUR LA TUBULURE D'UN CATHETER**
[72] STROWE, ROBERT J., US
[73] BECTON, DICKINSON AND COMPANY, US
[22] 1999-02-26
[30] US (09/032,157) 1998-02-27

[11] **2,263,829**
[13] C

[51] **Int.Cl. 6C09D 11/00 6C09D 11/02 6B41J 2/145 6B41J 2/175**
[25] EN
[54] **INK FOR INK-JET RECORDING**
[54] **ENCRE POUR ENREGISTREMENT A JET D'ENCRE**
[72] SHIROTA, KOROMO, JP
[72] OGASAWARA, MASAHI, JP
[72] HAKAMADA, SHINICHI, JP
[72] KURABAYASHI, YUTAKA, JP
[72] KOIKE, SHOJI, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1999-03-02
[30] JP (10-050511) 1998-03-03

Canadian Patents Issued
December 10, 2002

[11] **2,263,910**
[13] C
[51] **Int.Cl. 6C04B 16/06 6D06M 13/17**
[25] EN
[54] **FIBERS HAVING ENHANCED CONCRETE BONDING STRENGTH**
[54] **FIBRES A ADHERENCE RENFORCEE AU BETON**
[72] GILBERT, BRIAN S., US
[72] KERKAR, AWDHOOT V., US
[72] BERKE, NEAL S., US
[72] FOLLIARD, KEVIN J., US
[73] W.R. GRACE & CO.-CONN., US
[85] 1999-02-19
[86] 1997-08-15 (PCT/US1997/014426)
[87] (WO1998/007668)
[30] US (08/697,308) 1996-08-22

[11] **2,265,282**
[13] C
[51] **Int.Cl. 6A61F 13/46**
[25] EN
[54] **TOPSHEET FOR BODY FLUIDS ABSORBENT ARTICLE**
[54] **COUCHE SUPERIEURE POUR ARTICLE ABSORBANT DE FLUIDES BIOLOGIQUES**
[72] SHIMIZU, SHINGO, JP
[73] UNI-CHARM CORPORATION, JP
[22] 1999-03-12
[30] JP (10-79966) 1998-03-26

[11] **2,266,275**
[13] C
[51] **Int.Cl. 6G01S 3/14 6G01R 29/08**
[25] EN
[54] **DIRECTION FINDER AND DEVICE FOR PROCESSING MEASUREMENT RESULTS FOR THE SAME**
[54] **CHERCHEUR DE DIRECTION DES SIGNAUX ET DISPOSITIF POUR LE TRAITEMENT DES DONNEES PROVENANT DUDIT CHERCHEUR**
[72] KUWAHARA, YOSHIHIKO, JP
[73] NEC CORPORATION, JP
[22] 1999-03-23
[30] JP (10-76026) 1998-03-24

[11] **2,266,808**
[13] C
[51] **Int.Cl. 6F16B 35/04 6G02C 9/04**
[25] EN
[54] **CLASP FOR SECURING OPTICAL LENS**
[54] **AGRAFE DE FIXATION POUR LENTILLES OPTIQUES**
[72] CHEONG, LAK, HK
[73] CHEONG, LAK, HK
[22] 1999-03-19
[30] US (09/120,472) 1998-07-23

[11] **2,267,090**
[13] C
[51] **Int.Cl. 6C22C 30/00 6C22C 14/00 6C22C 27/02 6C22C 27/06 6C22F 1/11 6C22F 1/18**
[25] EN
[54] **HYDROGEN ABSORBING ALLOY AND PROCESS FOR PREPARING THE SAME**
[54] **ALLIAGE ABSORBANT L'HYDROGENE ET PROCEDE DE PREPARATION DE CE DERNIER**
[72] IBA, HIDEKI, JP
[72] AKIBA, ETSUO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] JAPAN AS REPRESENTED BY DIRECTOR-GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[85] 1999-04-01
[86] 1997-10-03 (PCT/JP1997/003552)
[87] (WO1998/014627)
[30] JP (8/281822) 1996-10-03

[11] **2,267,291**
[13] C
[51] **Int.Cl. 6C11D 11/00 6C11D 17/06**
[25] EN
[54] **PROCESS FOR MAKING A LOW DENSITY DETERGENT COMPOSITION BY NON-TOWER PROCESS**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DE DETERGENT DE FAIBLE DENSITE PAR UN PROCESSUS SANS COLONNE**
[72] DEL GRECO, ANGELA GLORIA, JP
[72] KANDASAMY, MANIVANNAN, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-03-31
[86] 1996-10-04 (PCT/US1996/015881)
[87] (WO1998/014549)

[11] **2,267,324**
[13] C
[51] **Int.Cl. 6A61F 9/00**
[25] EN
[54] **TIP FORMATION FOR INSERTING A FLEXIBLE MEMBRANE INTO AN EYE**
[54] **BOUT D'UN INSTRUMENT SERVANT A INTRODUIRE UNE MEMBRANE SOUPLE DANS L'OEIL**
[72] HEYMAN, THOMAS M., US
[73] BAUSCH & LOMB SURGICAL, INC., US
[85] 1999-03-24
[86] 1997-10-07 (PCT/US1997/018102)
[87] (WO1998/015244)
[30] US (08/729,768) 1996-10-07

[11] **2,267,517**
[13] C
[51] **Int.Cl. 6H04B 7/216 6H04B 7/08**
[25] EN
[54] **CDMA ADAPTIVE ANTENNA RECEIVING APPARATUS AND COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION ET APPAREIL RECEPTEUR A ANTENNE AMRC ADAPTABLE**
[72] YOSHIDA, SHOUSEI, JP
[72] ISHII, NAOTO, JP
[72] USHIROKAWA, AKIHISA, JP
[73] NEC CORPORATION, JP
[22] 1999-03-30
[30] JP (094626/1998) 1998-04-07

[11] **2,268,057**
[13] C
[51] **Int.Cl. 6C11D 11/00 6C11D 17/06**
[25] EN
[54] **PROCESS FOR MAKING A LOW DENSITY DETERGENT COMPOSITION**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DE DETERGENT DE FAIBLE DENSITE**
[72] KANDASAMY, MANIVANNAN, JP
[72] NAKAMURA, YUJI, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-03-31
[86] 1996-10-04 (PCT/US1996/015960)
[87] (WO1998/014550)

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,268,244**
[13] C

[51] **Int.Cl. 6F42C 11/06 6F42D 1/05 6F42C 19/12**
[25] EN
[54] **SHOCK-RESISTANT ELECTRONIC CIRCUIT ASSEMBLY**
[54] **ENSEMBLE CIRCUIT ELECTRONIQUE RESISTANT AUX CHOCS**
[72] WALSH, BRENDAN M., US
[72] TSEKA, THOMAS C., US
[72] FRITZ, JAMES E., US
[72] MARSHALL, PAUL N., US
[73] THE ENSIGN-BICKFORD COMPANY, US
[85] 1999-04-08
[86] 1997-10-09 (PCT/US1997/018484)
[87] (WO1998/022774)
[30] US (08/742,296) 1996-11-01

[11] **2,268,671**
[13] C

[51] **Int.Cl. 6C11D 1/72 6C11D 3/39 6C11D 3/395 6C11D 1/835**
[25] EN
[54] **A DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE**
[72] MOSS, MICHAEL ALAN JOHN, GB
[72] BROOKER, ANJU DEEPALI MASSEY, GB
[72] BROOKER, ALAN THOMAS, GB
[72] INGRAM, BARRY THOMAS, GB
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-04-14
[86] 1997-10-02 (PCT/US1997/017817)
[87] (WO1998/017760)
[30] GB (9621791.4) 1996-10-18
[30] GB (9705750.9) 1997-03-20
[30] WO (PCT/US97/08315) 1997-05-16
[30] GB (9710715.5) 1997-05-24

[11] **2,268,736**
[13] C

[51] **Int.Cl. 6E01B 26/00 6E01B 1/00 6E01B 19/00**
[25] EN
[54] **APPARATUS AND METHOD FOR COLLECTING LIQUID SPILLAGE AT RAIL FACILITIES**
[54] **APPAREIL ET METHODE POUR RECUEILLIR DU LIQUIDE RENVERSE DES INSTALLATIONS DE RAILS**
[72] GAUDET, RICHARD C., US
[72] VINCENT, JON R., US
[73] CENTURY GROUP L.L.C., US
[22] 1999-04-07
[30] US (09/059,748) 1998-04-14

[11] **2,268,862**
[13] C

[51] **Int.Cl. 6F27B 3/04 6C22B 21/00 6F27B 3/10 6F27D 3/14**
[25] EN
[54] **MELTING APPARATUS AND METHOD FOR MELTING METAL**
[54] **APPAREIL ET PROCEDE DESTINES A METTRE EN FUSION DU METAL**
[72] WIGCHERT, ALBERTUS JOHANNES MARIA, NL
[73] HOOGOVS ALUMINIUM N.V., BE
[85] 1999-04-08
[86] 1997-10-09 (PCT/EP1997/005585)
[87] (WO1998/015792)
[30] EP (96202800.7) 1996-10-09

[11] **2,269,525**
[13] C

[51] **Int.Cl. 6A01N 35/06 6A01N 25/04**
[25] EN
[54] **METHOD FOR CONTROLLING PLANT DAMAGE BY INSECT HERBIVORES**
[54] **PROCEDE VISANT A REDUIRE LES DEGATS ENTRAINEES PAR DES INSECTES HERBIVORES SUR LES PLANTES**
[72] WINSLOW, ANNA LOUISE, US
[73] ARKION LIFE SCIENCES LLC, US
[85] 1999-04-21
[86] 1997-10-22 (PCT/US1997/019149)
[87] (WO1998/017114)
[30] US (08/734,914) 1996-10-22

[11] **2,269,565**
[13] C

[51] **Int.Cl. 6E02D 29/12**
[25] EN
[54] **INSIDE DROP SYSTEM FOR MANHOLES**
[54] **SYSTEME DE FERMETURE INTERIEUR POUR REGARDS DE VISITE**
[72] DURAN, LEE A., US
[73] DUNRAN, INC., US
[22] 1999-04-20
[30] US (09/160,940) 1998-09-25

[11] **2,269,630**
[13] C

[51] **Int.Cl. 6C01B 17/82**
[25] EN
[54] **PROCESS FOR PREPARING SULPHURIC ACID FROM GASES CONTAINING SO3 AND GASEOUS NITROSYLSULPHURIC ACID**
[54] **PROCEDE DE PREPARATION D'ACIDE SULFURIQUE A PARTIR DE GAZ QUI CONTIENNENT DU SO3 ET DE L'ACIDE NITROSYLSULFURIQUE GAZEUX**
[72] FACH, ROLAND, DE
[72] WAGNER, HARTMUT, DE
[73] METALLGESELLSCHAFT AKTIENGESELLSCHAFT, DE
[85] 1999-04-21
[86] 1997-10-23 (PCT/EP1997/005860)
[87] (WO1998/018716)
[30] DE (196 44 546.9) 1996-10-26

[11] **2,269,821**
[13] C

[51] **Int.Cl. 6A61K 7/06 6A61K 7/50**
[25] EN
[54] **STYLING SHAMPOO COMPOSITIONS WITH IMPROVED STYLING POLYMER DEPOSITION**
[54] **COMPOSITIONS DE SHAMPOOING AIDANT A LA MISE EN FORME DES CHEVEUX ET PERMETTANT UN MEILLEUR DEPOT DES POLYMERES DE MISE EN FORME DE CEUX-CI**
[72] HILL, BURT LANDFORD, US
[72] SNYDER, MICHAEL ALBERT, US
[72] GUSKEY, SUSAN MARIE, US
[72] WELLS, ROBERT LEE, US
[72] INMAN, EVERETT JUNIOR, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-04-22
[86] 1997-10-08 (PCT/US1997/015755)
[87] (WO1998/018433)
[30] US (08/738,156) 1996-10-25

Canadian Patents Issued
December 10, 2002

[11] 2,270,992
[13] C

[51] **Int.Cl. 6A23G 3/30**
[25] EN
[54] **COATED CONFECTIONARY PRODUCTS AND METHODS OF MANUFACTURING SAME**
[54] **PRODUITS DE CONFISERIE ENROBES ET LEURS PROCEDES DE FABRICATION**
[72] MCGREW, GORDON N., US
[72] ZUEHLKE, JULIUS W., US
[72] GREENBERG, MICHAEL J., US
[72] YILMAZER, GULCIN, US
[72] YATKA, ROBERT J., US
[72] REED, MICHAEL A., US
[72] BARKALOW, DAVID G., US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 1999-03-29
[86] 1997-10-01 (PCT/US1997/017858)
[87] (WO1998/014070)
[30] US (08/720,709) 1996-10-02

[11] 2,271,209
[13] C

[51] **Int.Cl. 6G07F 19/00**
[25] EN
[54] **AUTOMATED BANKING MACHINE AND SYSTEM OPERATIVE TO RESPOND TO HTML DOCUMENTS**
[54] **GUICHET ET SYSTEME BANCAIRES AUTOMATISES REPENDANT AUX DOCUMENTS HTML**
[72] SWINGLER, STEVEN C., US
[72] MOORE, PHILLIP S., US
[72] JOYCE, SHAWN D., US
[72] CALIFF, MICHAEL E., JR., US
[72] BLACKSON, DALE, US
[72] LEMLEY, ROBERT J., US
[72] SMITH, MARK D., US
[72] CHEN, LILEI, US
[72] MOALES, MARK A., US
[72] LEPPER, BRADRICK Q., US
[72] COVERT, MARK S., US
[72] DRUMMOND, JAY PAUL, US
[72] CICHON, BOB A., US
[73] DIEBOLD, INCORPORATED, US
[22] 1999-05-07
[30] US (09/077,337) 1998-05-27
[30] US (60/091,887) 1998-07-07
[30] US (60/095,626) 1998-08-07
[30] US (60/098,907) 1998-09-02
[30] US (09/193,787) 1998-11-17

[11] 2,271,216
[13] C

[51] **Int.Cl. 6G07F 19/00**
[25] EN
[54] **AUTOMATED BANKING MACHINE AND SYSTEM OPERATIVE TO RESPOND TO HTML DOCUMENTS**
[54] **GUICHET ET SYSTEME BANCAIRES AUTOMATISES RECEPTEFS AUX DOCUMENTS HTML**
[72] MOALES, MARK A., US
[72] CHURCH, JAMES, US
[72] SMITH, MARK D., US
[72] WEIS, DAVID W., US
[72] BLACKSON, DALE, US
[72] CICHON, BOB A., US
[72] DRUMMOND, JAY PAUL, US
[72] ESS, JOSEPH C., US
[73] DIEBOLD, INCORPORATED, US
[22] 1999-05-07
[30] US (09/077,337) 1998-05-27
[30] US (60/091,887) 1998-07-07
[30] US (60/095,626) 1998-08-07
[30] US (60/098,907) 1998-09-02
[30] US (09/193,791) 1998-11-17

[11] 2,271,218
[13] C

[51] **Int.Cl. 6G07F 19/00**
[25] EN
[54] **AUTOMATED BANKING MACHINE AND SYSTEM OPERATIVE TO RESPOND TO HTML DOCUMENTS**
[54] **GUICHET ET SYSTEME BANCAIRES AUTOMATISES POUVANT REPENDRE AUX DOCUMENTS HTML**
[72] CICHON, BOB A., US
[72] BLACKSON, DALE, US
[72] CHURCH, JAMES, US
[72] DRUMMOND, JAY PAUL, US
[72] RICHARDS, BRUCE G., US
[72] ESS, JOSEPH C., US
[72] SMITH, MARK D., US
[72] WEIS, DAVID W., US
[72] MOALES, MARK A., US
[73] DIEBOLD, INCORPORATED, US
[22] 1999-05-07
[30] US (09/077,337) 1998-05-27
[30] US (60/091,887) 1998-07-07
[30] US (60/095,626) 1998-08-07
[30] US (60/098,907) 1998-09-02
[30] US (09/193,662) 1998-11-17

[11] 2,271,508
[13] C

[51] **Int.Cl. 6H04M 11/06 6H04M 1/50**
[25] EN
[54] **A CODING TECHNIQUE IN DISCRETE MULTI-TONE (DMT) BASED COMMUNICATIONS SYSTEMS**
[54] **TECHNIQUE DE CODAGE DANS LES SYSTEMES DE COMMUNICATION BASES SUR LES APPAREILS A SONS MULTIPLES DISCRETS (DISCRETE MULTI-TONE)**
[72] LAROIA, RAJIV, US
[72] WANG, JIN-DER, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1999-05-11
[30] US (09/100,615) 1998-06-19

[11] 2,271,648
[13] C

[51] **Int.Cl. 6A01N 33/12 6A01N 55/00 6A01N 65/00 6A01N 37/02 6A01N 55/08 6A01N 37/16 6A01N 37/36**
[25] EN
[54] **SPRAYABLE DISINFECTING COMPOSITIONS AND PROCESSES FOR DISINFECTING SURFACES THEREWITH**
[54] **COMPOSITIONS DESINFECTANTES A VAPORISER ET PROCEDES DE DESINFECTION DE SURFACES A L'AIDE DE CELLES-CI**
[72] PETRI, MARCO, IT
[72] TRANI, MARINA, IT
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-05-11
[86] 1997-11-06 (PCT/US1997/020015)
[87] (WO1998/020733)
[30] EP (96870144.1) 1996-11-13

[11] 2,272,236
[13] C

[51] **Int.Cl. 6H04M 3/50 6H04M 1/50**
[25] EN
[54] **VOICE MESSAGING SYSTEM WHICH ALLOWS A REMOTE USER TO RETURN A CALL WITHOUT DISCONNECTING FROM A TELEPHONE LINE**
[54] **SYSTEME D'AUDIOMESSAGERIE PERMETTANT A UN UTILISATEUR A DISTANCE DE RAPPELER QUELQU'UN SANS AVOIR A COUPER LA COMMUNICATION**
[72] MCELWEE, JOHN R., US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1999-05-18
[30] US (09/109,098) 1998-07-02

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,272,499**
[13] C

[51] **Int.Cl. 6G06F 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING THE COST OF PLAYING AN ELECTRONIC GAMING DEVICE**
[54] **METHODE ET APPAREIL POUR REGULER LE COUT ASSOCIE AUX APPAREILS DE JEUX DE HASARD ELECTRONIQUES**
[72] ACRES, JOHN F., US
[73] ACRES GAMING INCORPORATED, US
[22] 1999-05-19
[30] US (09/086,964) 1998-05-29

[11] **2,272,591**
[13] C

[51] **Int.Cl. 6B63B 35/73 6B63B 29/00 6B63B 3/48**
[25] EN
[54] **DECK FLOOR FOR PERSONAL WATERCRAFT**
[54] **PLANCHER DE PONT DE MOTOMARINE**
[72] NAKAGAWA, KENICHI, JP
[72] TSUMIYAMA, YOSHINORI, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[22] 1999-05-21
[30] JP (HEI 10-144159) 1998-05-26

[11] **2,272,806**
[13] C

[51] **Int.Cl. 6G01J 3/45**
[25] EN
[54] **METHOD OF SPECTROSCOPIC INVESTIGATION OF ELECTROMAGNETIC RADIATION BY MEANS OF A FOURIER SPECTROMETER**
[54] **METHODE DE RECHERCHE SPECTROSCOPIQUE DE RAYONNEMENT ELECTROMAGNETIQUE AU MOYEN D'UN SPECTROMETRE DE FOURIER**
[72] HASCHBERGER, PETER, DE
[72] LINDERMEIR, ERWIN, DE
[72] KING, NICHOLAS, GB
[73] DEUTSCHES ZENTRUM FUR LUFT- UND RAUMFAHRT E. V., DE
[22] 1999-05-28
[30] DE (198 24 277.8) 1998-05-29

[11] **2,273,398**
[13] C

[51] **Int.Cl. 6B60T 8/18 6B60T 15/36**
[25] EN
[54] **LOAD PROPORTIONAL BRAKE CYLINDER PRESSURE LIMITING SYSTEM**
[54] **SYSTEME LIMITEUR DE PRESSION SELON LA CHARGE POUR CYLINDRE DE FREIN**
[72] ENGLE, THOMAS H., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1999-05-31
[30] US (093,252) 1998-06-08

[11] **2,273,440**
[13] C

[51] **Int.Cl. 6B60T 13/66 6B60T 13/68**
[25] EN
[54] **APPLICATION SOLENOID VALVE FOR ELECTRONICALLY CONTROLLED FREIGHT TRAIN BRAKE SYSTEM**
[54] **ELECTROROBINET DE SYSTEME DE FREINS A COMMANDE ELECTRONIQUE POUR TRAIN DE MARCHANDISES**
[72] HART, JAMES E., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1999-06-01
[30] US (112,722) 1998-07-09

[11] **2,273,732**
[13] C

[51] **Int.Cl. 6H03H 7/38 6H04N 7/10**
[25] EN
[54] **IMPEDANCE MATCHING CIRCUIT**
[54] **CIRCUIT D'ADAPTATION D'IMPEDANCE**
[72] KWON, OH-DONG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 1999-06-07
[30] KR (21901/1998) 1998-06-12

[11] **2,274,484**
[13] C

[51] **Int.Cl. 6A01C 7/06 6A01C 5/06**
[25] EN
[54] **MID ROW BANDING COULTER DRILL**
[54] **SEMOIR DE COUTRE ET D'EPANDAGE ENTRE LES LIGNES DE SEMIS**
[72] BOURGAULT, GERARD F. J., CA
[73] BOURGAULT INDUSTRIES LTD., CA
[22] 1999-06-07

[11] **2,274,913**
[13] C

[51] **Int.Cl. 6H02K 1/18**
[25] EN
[54] **AC GENERATOR FOR VEHICLE**
[54] **GENERATEUR DE COURANT ALTERNATIF POUR VEHICULES**
[72] SHIGA, TSUTOMU, JP
[72] NAKAMURA, SHIGENOBU, JP
[73] DENSO CORPORATION, JP
[85] 1999-06-14
[86] 1997-10-17 (PCT/JP1997/003770)
[87] (WO1999/021265)

[11] **2,277,135**
[13] C

[51] **Int.Cl. 6A45F 5/10**
[25] EN
[54] **SHAFTED SPORTS EQUIPMENT CARRIER**
[54] **TRANSPORTEUR D'EQUIPEMENT SPORTIF A LONG MANCHE**
[72] PIKEL, JEFFREY J., US
[73] PIKEL, JEFFREY J., US
[22] 1999-07-07
[30] US (09/126,678) 1998-07-30

Canadian Patents Issued
December 10, 2002

[11] 2,279,616
[13] C

[51] Int.Cl. 6F25D 11/02
[25] EN
[54] REFRIGERATOR TEMPERATURE CONTROL SYSTEM INCORPORATING FREEZER COMPARTMENT TEMPERATURE SENSOR
[54] SYSTEME DE REGULATION DE TEMPERATURE D'UN REFRIGERATEUR COMPRENANT UNE SONDE DE TEMPERATURE DU COMPARTIMENT CONGELATEUR
[72] SMITH, RICHARD D., JR., US
[72] PRITTS, TODD E., US
[73] MAYTAG CORPORATION, US
[22] 1999-08-04
[30] US (09/129,241) 1998-08-05

[11] 2,279,950
[13] C

[51] Int.Cl. 6H04Q 3/545
[25] EN
[54] PREDICTIVE BURSTY REAL-TIME TRAFFIC CONTROL FOR TELECOMMUNICATIONS SWITCHING SYSTEMS
[54] CONTROLE PREDICTIF DES SALVES DE TRAFIC EN TEMPS REEL POUR SYSTEMES DE COMMUTATION DE TELECOMMUNICATIONS
[72] DUTY, DAVID ALLEN, US
[72] RUIZ, JOSE GUADALUPE, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1999-08-09
[30] US (09/163,614) 1998-09-30

[11] 2,279,984
[13] C

[51] Int.Cl. 6A61N 1/05
[25] EN
[54] SUTURE SLEEVE WITH CIRCUMFERENTIAL LEAD LOCKING DEVICE
[54] MANCHON DE SUTURE A DISPOSITIF DE BLOCAGE DE FIL CIRCONFERENCEL
[72] POHNDORF, PETER J., US
[72] GUBBIN, DOUGLAS H., US
[73] MEDTRONIC, INC., US
[85] 1999-08-04
[86] 1998-01-09 (PCT/US1998/000295)
[87] (WO1998/033551)
[30] US (08/795,425) 1997-02-05

[11] 2,281,147
[13] C

[51] Int.Cl. 6H04M 3/42 6H04Q 7/32 6H04L 12/54
[25] EN
[54] METHOD AND APPARATUS FOR RELAYING COMMUNICATION
[54] DISPOSITIF ET METHODE DE RELAIS DE COMMUNICATIONS
[72] RUPERT, AMY J., US
[72] WATTENBARGER, BLAKE LANE, US
[72] DOWENS, JAC P., US
[73] AT&T CORP., US
[22] 1999-08-26

[11] 2,282,071
[13] C

[51] Int.Cl. 6E05F 5/00 6E05F 15/14
[25] EN
[54] DYNAMIC BRAKE FOR POWER DOOR
[54] FREIN DYNAMIQUE POUR PORTE ELECTRIQUE
[72] CALAMATAS, PHILIP J., CA
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1999-09-10
[30] US (200,497) 1998-11-25

[11] 2,282,692
[13] C

[51] Int.Cl. 6H04M 3/42 6H04M 3/50
[25] EN
[54] SYSTEM AND METHOD FOR PROVIDING DIRECTORY ASSISTANCE INFORMATION
[54] SYSTEME ET PROCEDE POUR L'OBTENTION D'INFORMATIONS D'ASSISTANCE ANNUAIRE
[72] DESAI, NAILESH B., US
[72] NIMMAGADDA, PRASAD V., US
[73] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US
[85] 1999-05-25
[86] 1997-10-14 (PCT/US1997/018905)
[87] (WO1998/024219)
[30] US (08/756,442) 1996-11-26

[11] 2,283,569
[13] C

[51] Int.Cl. 6C03B 8/02 6C03B 37/016
[25] EN
[54] HIGH-PURITY SILICA GLASS FABRICATING METHOD USING SOL-GEL PROCESS
[54] PROCEDE DE FABRICATION DE VERRE DE SILICE A HAUTE PURETE, AU MOYEN D'UN PROCESSUS SOL-GEL
[72] KIM, SUN UK, KR
[72] BAIK, YOUNG MIN, KR
[72] JUN, MYUNG CHUL, KR
[72] YOON, YOUNG SIK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 1999-09-09
[86] 1998-03-10 (PCT/KR1998/000045)
[87] (WO1998/040318)
[30] KR (1997/7974) 1997-03-10

[11] 2,283,849
[13] C

[51] Int.Cl. 6H04N 5/913
[25] EN
[54] METHOD AND APPARATUS FOR DETECTING MODIFIED COLOR BURST SIGNALS TO PREVENT THE COPYING OF A VIDEO PROGRAM
[54] PROCEDE ET APPAREIL DETECTANT DES SIGNAUX DE RAFALE CHROMATIQUE MODIFIES POUR EMPECHER LA COPIE DE PROGRAMMES VIDEO
[72] BRILL, GEROW D., US
[72] RYAN, JOHN O., US
[73] MACROVISION CORPORATION, US
[85] 1999-09-17
[86] 1998-03-20 (PCT/US1998/005798)
[87] (WO1998/043420)
[30] US (60/040,832) 1997-03-21

[11] 2,284,493
[13] C

[51] Int.Cl. 6F02C 6/18 6F01K 23/10 6F02C 7/18
[25] EN
[54] COMBINED CYCLE ELECTRIC POWER GENERATING PLANT
[54] CENTRALE D'ENERGIE ELECTRIQUE A CYCLE COMBINE
[72] YASURAOKA, JUN, JP
[72] YAMAMOTO, HIROYUKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 1999-09-21
[86] 1998-01-23 (PCT/JP1998/000263)
[87] (WO1999/037902)

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,284,963**
[13] C

[51] **Int.Cl. 6A61F 2/16 6G02C 7/02 6A61F 2/14**
[25] EN
[54] **DEFORMABLE INTRAOCULAR CORRECTIVE LENS**
[54] **LENTILLES CORRECTRICES INTRAOCULAIRES DEFORMABLES**
[72] CALLAHAN, WAYNE B., US
[72] CALLAHAN, JEFFREY S., US
[73] THINOPTX, INC., US
[22] 1999-10-04

[11] **2,285,262**
[13] C

[51] **Int.Cl. 6G01F 23/292**
[25] EN
[54] **FLUID OVERFILL PROBE WITH ANTI-REFLECTIVE GUARD**
[54] **SONDE ANTI-DEBORDEMENT POUR FLUIDES A ELEMENT DE PROTECTION ANTI-REFLET**
[72] HARDING, MICHAEL J., US
[73] SCULLY SIGNAL COMPANY, US
[85] 1999-09-08
[86] 1999-01-07 (PCT/US1999/000281)
[87] (WO1999/035471)
[30] US (09/005,099) 1998-01-09

[11] **2,287,539**
[13] C

[51] **Int.Cl. 6A01B 59/06 6B60D 1/01**
[25] EN
[54] **LOWER STEERING ARM ASSEMBLY FOR AN ATTACHING DEVICE OF A TRACTOR**
[54] **BRAS DE DIRECTION INFERIEUR POUR DISPOSITIF DE RACCORDEMENT DE TRACTEUR**
[72] SAYER, JOHN, GB
[73] GKN WALTERSCHEID GMBH, DE
[22] 1999-10-22
[30] DE (198 49 061.5) 1998-10-24

[11] **2,289,326**
[13] C

[51] **Int.Cl. 7G08B 13/22**
[25] EN
[54] **DEVICE AND METHOD FOR DETACHING AN ELECTRONIC ARTICLE SURVEILLANCE TAG FROM AN ARTICLE**
[54] **DISPOSITIF ET METHODE POUR ENLEVER UNE ETIQUETTE DE SURVEILLANCE ELECTRONIQUE D'UN ARTICLE**
[72] NGUYEN, THANG TAT, US
[72] DOOLEY, ELBERT W., JR., US
[72] WITZKY, HANS P., US
[72] HANSEN, NORMAN, US
[73] SENSORMATIC ELECTRONICS CORPORATION, US
[22] 1995-01-03
[62] 2,139,475

[11] **2,289,477**
[13] C

[51] **Int.Cl. 7A47K 10/42**
[25] EN
[54] **FOLDING AND STACKING CONFIGURATION FOR WET WIPES**
[54] **CONFIGURATION DE PLIAGE ET D'EMPILEMENT POUR LINGETTES HUMIDES**
[72] HILL, SIMON DAVID JULIEN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-11-12
[86] 1998-05-26 (PCT/US1998/010603)
[87] (WO1998/052454)
[30] EP (97108388.6) 1997-05-23

[11] **2,292,621**
[13] C

[51] **Int.Cl. 7G21G 4/08 7C01G 29/00 7A61K 51/00**
[25] EN
[54] **PROCESS AND APPARATUS FOR PRODUCTION OF BI-213 CATIONS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE CATIONS DE BI-213**
[72] CHIARIZIA, RENATO, US
[72] HINES, JOHN J., US
[72] DIETZ, MARK L., US
[72] HORWITZ, E. PHILIP, US
[73] ARCH DEVELOPMENT CORPORATION, US
[85] 1999-11-30
[86] 1998-06-03 (PCT/US1998/011385)
[87] (WO1998/057334)
[30] US (08/871,517) 1997-06-09

[11] **2,293,188**
[13] C

[51] **Int.Cl. 7G03G 15/08**
[25] EN
[54] **IMAGE DEVELOPING APPARATUS, PROCESS CARTRIDGE, ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS, AND DEVELOPMENT UNIT FRAME**
[54] **APPAREIL DE DEVELOPPEMENT D'IMAGES, CARTOUCHE DE DEVELOPPEMENT, APPAREIL ELECTROPHOTOGRAPHIQUE DE FORMATION D'IMAGES ET CADRE DE DEVELOPPEMENT**
[72] MATSUMOTO, HIDEKI, JP
[72] OGUMA, TORU, JP
[72] KARAKAMA, TOSHIYUKI, JP
[72] SAKURAI, KAZUSHIGE, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1999-12-24
[30] JP (373834/1998) 1998-12-28

[11] **2,293,295**
[13] C

[51] **Int.Cl. 7A61K 7/00 7A61K 7/02 7A61K 7/48**
[25] EN
[54] **DUAL PHASE COSMETIC COMPOSITION**
[54] **COMPOSITION COSMETIQUE A DEUX PHASES**
[72] NAJDEK, LINDA, US
[72] PECK, DERRON T., US
[72] CIRIELLO, ELENA M., US
[72] VITALE, RALPH, US
[73] E-L MANAGEMENT CORPORATION, US
[85] 1999-12-14
[86] 1999-03-18 (PCT/US1999/005969)
[87] (WO1999/056704)
[30] US (09/074,051) 1998-05-07

[11] **2,295,788**
[13] C

[51] **Int.Cl. 7E02D 27/12 7E02D 5/52**
[25] EN
[54] **PIPE PIER SYSTEM**
[54] **SYSTEME DE JETEE TUBULAIRE**
[72] MCCANN, ROBERT J., US
[72] RUIZ, TROY D., US
[72] KNECHT, THOMAS R., US
[72] RUIZ, SCOTT A., US
[72] RUIZ, RICHARD D., US
[72] PARISE, JOSEPH A., US
[72] SCHMIDT, STEPHEN E., US
[73] RICHARD D. RUIZ, LLC, US
[22] 2000-01-14
[30] US (09/231,136) 1999-01-15

Canadian Patents Issued
December 10, 2002

[11] 2,297,523
[13] C

[51] Int.Cl. 7E06B 5/00 7E02D 29/14
[25] EN
[54] HATCH FOR PREVENTING FALL-
THROUGH AND UNAUTHORIZED
ENTRY
[54] TRAPPE SECURITAIRE
[72] MCKERNAN, TIMOTHY J., US
[73] SYRACUSE CASTINGS SALES
CORP., US
[22] 2000-01-20
[30] US (09/235,107) 1999-01-21

[11] 2,311,684
[13] C

[51] Int.Cl. 7C07K 14/535 7C07K 17/08
[25] EN
[54] CHEMICALLY-MODIFIED G-CSF
[54] G-CSF MODIFIE CHIMIQUEMENT
[72] KAKITANI, MAKOTO, JP
[72] ISHIKAWA, RIKA, JP
[72] OKADA, YUJI, JP
[73] KIRIN-AMGEN, INC., US
[22] 1989-12-22
[62] 2,006,596
[30] JP (324747/88) 1998-12-22
[30] JP (199176/89) 1989-07-31

[11] 2,313,782
[13] C

[51] Int.Cl. 7G03G 13/16
[25] EN
[54] RELEASE AGENT MANAGEMENT
FOR TRANSFUSE SYSTEMS
[54] GESTION D'AGENT ANTI-
ADHESIF POUR SYSTEMES DE
TRANSFERT ET FUSION
[72] FLETCHER, GERALD M., US
[72] BERKES, JOHN S., US
[72] JIA, NANCY Y., US
[73] XEROX CORPORATION, US
[22] 2000-07-12
[30] US (09/361,387) 1999-07-26

[11] 2,300,651
[13] C

[51] Int.Cl. 7G03G 21/18 7G03G 15/08
7G03G 21/12
[25] EN
[54] TONER CONTAINER AND TONER
REPLENISHING MECHANISM
[54] CONTENANT A TONER ET
MECANISME DE REMPLISSAGE DE
TONER
[72] YAMADA, YUSUKE, JP
[72] MURAKAMI, KATSUYA, JP
[72] OMATA, KAZUHIKO, JP
[72] TAZAWA, FUMIO, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 2000-03-10
[30] JP (11-072147) 1999-03-17
[30] JP (11-374051) 1999-12-28

[11] 2,312,937
[13] C

[51] Int.Cl. 7G07D 13/00 7B65H 29/16
[25] EN
[54] BANK-NOTE PROCESSING
DEVICE
[54] DISPOSITIF DE TRAITEMENT DE
BILLETS DE BANQUE
[72] ITO, YUKIO, JP
[72] KODAMA, YASUYUKI, JP
[72] HATAMACHI, TADASHI, JP
[72] YAMAGISHI, NOBORU, JP
[73] KABUSHIKI KAISHA NIPPON
CONLUX, JP
[85] 2000-06-05
[86] 1999-10-04 (PCT/JP1999/005443)
[87] (WO2000/021043)
[30] JP (10/284517) 1998-10-06

[11] 2,314,055
[13] C

[51] Int.Cl. 7G01F 23/28
[25] EN
[54] APPARATUS FOR THE
DETERMINATION OF THE FILL
STATE OF A SOLID OR LIQUID
MATERIAL IN A CONTAINER
[54] DISPOSITIF PERMETTANT DE
DETERMINER LE NIVEAU DE
REEMPLISSAGE D'UN SOLIDE OU D'UN
LIQUIDE DANS UN CONTENEUR
[72] HEIDECCKE, FRANK, DE
[73] ENDRESS + HAUSER GMBH + CO.,
DE
[22] 2000-07-18
[30] DE (199 35 646.7) 1999-07-29

[11] 2,308,801
[13] C

[51] Int.Cl. 6G06F 9/46
[25] EN
[54] METHOD AND APPARATUS FOR
PERFORMING TRANSACTIONS IN A
STATELESS WEB ENVIRONMENT
WHICH SUPPORTS A DECLARATIVE
PARADIGM
[54] PROCEDE ET APPAREIL POUR
EFFECTUER DES TRANSACTIONS
DANS UN ENVIRONNEMENT WEB
SANS ETAT ACCEPTANT UN
PARADIGME DECLARATIF
[72] JACOBS, LAWRENCE, US
[72] ADUNUTHULA, SESHU, US
[72] ANAND, MALA, US
[73] ORACLE CORPORATION, US
[85] 2000-04-18
[86] 1998-10-27 (PCT/US1998/022698)
[87] (WO1999/023557)
[30] US (08/962,536) 1997-10-31

[11] 2,313,507
[13] C

[51] Int.Cl. 7H04B 3/21
[25] EN
[54] APPARATUS AND METHOD FOR
ESTIMATING ECHO PATH DELAY
[54] APPAREIL ET METHODE
D'EVALUATION DU RETARD SUR LES
TRAJETS D'ECHO
[72] EOM, KWANG-SEOP, KR
[73] SAMSUNG ELECTRONICS CO.,
LTD., KR
[22] 2000-07-10
[30] KR (29138/1999) 1999-07-19

[11] 2,315,085
[13] C

[51] Int.Cl. 6H02K 11/00 6H02K 1/00
6H02K 5/00 6H01R 39/20
[25] EN
[54] MOTOR WITH STRATEGICALLY
PLACED CONNECTOR BLOCK
[54] MOTEUR AVEC BLOC DE
CONNEXION DISPOSE A UN
EMPLACEMENT STRATEGIQUE
[72] FILLA, JOHN J., US
[72] MICHAELS, PAUL G., US
[73] EMERSON ELECTRIC CO., US
[85] 2000-06-16
[86] 1998-12-16 (PCT/US1998/026744)
[87] (WO1999/031784)
[30] US (08/991,969) 1997-12-17

**Brevets canadiens délivrés
10 décembre 2002**

[11] **2,318,419**
[13] C

[51] **Int.Cl. 6G07D 5/08 6G07F 3/02**
[25] EN
[54] **DISCRIMINATOR FOR BIMETALLIC COINS**
[54] **DISCRIMINATEUR POUR PIECES BIMETALLIQUES**
[72] HOWELLS, GEOFFREY, GB
[73] SCAN COIN INDUSTRIES AB, SE
[85] 2000-07-12
[86] 1999-01-26 (PCT/SE1999/000103)
[87] (WO1999/039311)
[30] SE (9800284-3) 1998-01-30

[11] **2,322,255**
[13] C

[51] **Int.Cl. 7H01Q 1/12 7H01Q 1/36**
[25] EN
[54] **L-SHAPED INDOOR ANTENNA**
[54] **ANTENNE INTERIEUR EN L**
[72] JUDD, MANO D., US
[73] ANDREW CORPORATION, US
[22] 2000-10-04
[30] US (09/418,737) 1999-10-15

[11] **2,326,703**
[13] C

[51] **Int.Cl. 6A61N 7/02**
[25] EN
[54] **HIGH INTENSITY FOCUSED ULTRASOUND SYSTEM FOR SCANNING AND TREATING TUMORS**
[54] **SYSTEME DE TRAITEMENT DE TUMEURS PAR BALAYAGE PAR ULTRASONS FOCALISES A HAUTE INTENSITE**
[72] BAI, JIN, CN
[72] WU, FENG, CN
[72] WANG, ZHILONG, CN
[72] WANG, ZHIBIAO, CN
[73] CHONG QING HIFU TECHNOLOGY CO., LTD., CH
[85] 2000-07-21
[86] 1998-12-18 (PCT/CN1998/000310)
[87] (WO1999/037364)
[30] CN (98 1 00283.8) 1998-01-25

[11] **2,331,416**
[13] C

[51] **Int.Cl. 6H01Q 21/29 6H01Q 21/10 6H01Q 1/24**
[25] EN
[54] **ANTENNA ARRAY WITH SEVERAL VERTICALLY SUPERPOSED PRIMARY RADIATOR MODULES**
[54] **RESEAU D'ANTENNES A PLUSIEURS MODULES EXCITATEURS SUPERPOSES**
[72] GABRIEL, ROLAND, DE
[72] GOTTL, MAXIMILIAN, DE
[73] KATHREIN-WERKE KG, DE
[85] 2000-11-03
[86] 1999-05-20 (PCT/EP1999/003483)
[87] (WO1999/062138)
[30] DE (198 23 750.2) 1998-05-27

[11] **2,333,881**
[13] C

[51] **Int.Cl. 6H04L 12/28 6H04L 29/06**
[25] EN
[54] **SYSTEM AND METHOD FOR PUSHING INFORMATION FROM A HOST SYSTEM TO A MOBILE DATA COMMUNICATION DEVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TRAFICER DES INFORMATIONS DANS UN DISPOSITIF DE COMMUNICATION DE DONNEES MOBILE A PARTIR D'UN SYSTEME HOTE**
[72] MOUSSEAU, GARY P., CA
[72] LAZARIDIS, MIHAL, CA
[73] RESEARCH IN MOTION LIMITED, CA
[85] 2000-11-28
[86] 1999-05-28 (PCT/CA1999/000494)
[87] (WO1999/063709)
[30] US (09/087,623) 1998-05-29

[11] **2,334,582**
[13] C

[51] **Int.Cl. 7G01N 33/86 7G01N 33/96**
[25] EN
[54] **COAGULATION CONTROLS FOR PROTHROMBIN TIME (PT) AND ACTIVATED PARTIAL THROMBOPLASTIN TIME (APTT)**
[54] **REGULATEURS DE LA COAGULATION POUR DES ESSAIS PT ET APTT**
[72] HAWKINS, PAMELA L., US
[73] SIGMA-ALDRICH CO., US
[85] 2000-12-06
[86] 1999-06-21 (PCT/US1999/013974)
[87] (WO2000/002054)
[30] US (09/108,732) 1998-07-01

[11] **2,340,961**
[13] C

[51] **Int.Cl. 7H02G 9/06 7H01B 7/14**
[25] EN
[54] **AN UNDERWATER CABLE PROTECTION PIPE**
[54] **CONDUIT DE PROTECTION POUR CABLE SOUS-MARIN**
[72] POIRIER, NANCY, CA
[73] IT INTERNATIONAL TELECOM INC., CA
[85] 2001-04-05
[86] 1999-09-24 (PCT/CA1999/000885)
[87] (WO2001/024336)

[11] **2,346,023**
[13] C

[51] **Int.Cl. 7C10M 135/36**
[25] EN
[54] **THIADIZOLE DIMER ADDITIVES AND LUBRICATING COMPOSITIONS CONTAINING THE SAME**
[54] **ADDITIFS DE DIMERE DE THIADIAZOLE ET COMPOSITIONS LUBRIFIANTES CONTENANT CES ADDITIFS**
[72] TEPPER, RONALD J., US
[72] KAROL, THOMAS J., US
[73] R.T. VANDERBILT COMPANY, INC., US
[85] 2001-03-30
[86] 2000-10-20 (PCT/US2000/041380)
[87] (WO2001/029156)
[30] US (60/160,568) 1999-10-20

[11] **2,346,223**
[13] C

[51] **Int.Cl. 7A47K 10/00 7F24J 1/00 7A47L 13/17 7A61F 13/40**
[25] EN
[54] **SELF HEATING PRE-MOISTENED WIPE(S) PACKAGE**
[54] **EMBALLAGE AUTO-CHAUFFANT POUR LINGETTES PRE-HUMIDIFIEES**
[72] SARIC, JERKO, CA
[72] SESTAK, IVAN, CA
[73] SARIC, JERKO, CA
[73] SESTAK, IVAN, CA
[22] 2001-05-25

Canadian Patents Issued
December 10, 2002

[11] **2,349,154**
[13] C

[51] **Int.Cl. 7F02C 7/00 7F01D 5/02 7F02C 6/20**
[25] EN
[54] **ROTARY-TURBINE INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A TURBINE ROTATIVE**
[72] LUZHKOV, JURY MIKHAILOVICH, RU
[73] LUZHKOV, JURY MIKHAILOVICH, RU
[73] OTKRYTOE AKTSIONERNOE OBSHESTVO "A.LYULKA-SATURN", RU
[85] 2001-06-19
[86] 2000-03-01 (PCT/RU2000/000068)
[87] (WO2001/065086)

[11] * **2,354,614**
[13] C

[51] **Int.Cl. 7G03B 13/36**
[25] EN
[54] **AUTOFOCUS SENSOR**
[54] **DETECTEUR A FOCALISATION AUTOMATIQUE**
[72] PREGARA, SILVANO, CA
[73] PREGARA, SILVANO, CA
[22] 2001-07-30

[11] **2,363,462**
[13] C

[51] **Int.Cl. 7B60T 8/18 7B61H 13/30**
[25] EN
[54] **ELECTRONIC EMERGENCY BRAKE LOAD WEIGH DEVICE**
[54] **DISPOSITIF ELECTRONIQUE DE DETECTION D'EFFORT DE FREINAGE D'URGENCE**
[72] MAZUR, RICHARD J., US
[72] WOOD, JAMES A., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-06-08
[62] 2,239,998
[30] US (057,673) 1998-04-09

[11] **2,367,097**
[13] C

[51] **Int.Cl. 7H04Q 1/20**
[25] EN
[54] **MULTIMEDIA PRIVATE BRANCH EXCHANGER AND PRIVATE BRANCH EXCHANGE SYSTEM**
[54] **AUTOCOMMUTATEUR PRIVE MULTIMEDIA ET SYSTEME D'AUTOCOMMUTATION PRIVEE**
[72] ASADA, HIROSHI, JP
[72] FUNATO, YASUO, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[22] 1998-12-30
[62] 2,257,026
[30] JP (10-002415) 1998-01-08

[11] **2,376,530**
[13] C

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **AUTOMATIC FORM ACCESSING AND SUBMISSION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DEMANDE ET D'ENVOI AUTOMATIQUES DE FORMULAIRES**
[72] AXELSSON, BENGT, SE
[72] HALVARSSON, ANDREAS, SE
[73] SIGN ON I STOCKHOLM AKTIEBOLAG, SE
[85] 2001-12-05
[86] 2000-10-03 (PCT/SE2000/001901)
[87] (WO2001/033420)
[30] US (09/435,129) 1999-11-05

[11] **2,380,282**
[13] C

[51] **Int.Cl. 7B62D 21/00**
[25] EN
[54] **ADJUSTABLE VEHICLE WITH MOVING SECTION FOR LOAD TRANSFER**
[54] **VEHICULE REGLABLE AVEC SECTION AMOVIBLE POUR TRANSFERT DE CHARGE**
[72] BRISCESE, EMANUELE, CA
[73] BRISCESE, EMANUELE, CA
[22] 1998-08-06
[62] 2,299,228
[30] US (08/906,905) 1997-08-06
[30] US (09/096,485) 1998-06-10