

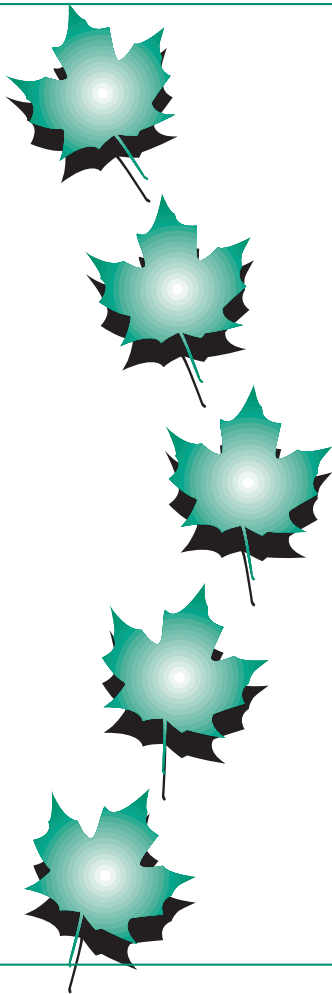


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**Office de la propriété
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du Canada**

Un organisme
d'Industrie Canada



**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Vol. 129, N° 31 le 31 juillet 2001

Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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The POR has been made available, free of charge, on CIPO's website at cipo.gc.ca or strategis.ic.gc.ca/patents/record since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have the choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until further notice, after which copies will be available for a fee.

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Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

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Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'à nouvel ordre, après quoi des frais s'appliqueront.

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Téléphone : (819) 997-1936 (de 8h à 16h45 HNE)

Télécopieur : (819) 953-7620 (fonctionne 24 heures sur 24)

Table of Contents

Table des matières

Notices	
Avis	1
Canadian Patents Issued	
Brevets canadiens délivrés	7
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public	41
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale	55
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	101
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés	103
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public	109
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale	113
Index of Canadian Divisional and Previously Unavailable Laid-Open applications	
Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	121

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application

- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date

- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des données bibliographiques". Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit:

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée

- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris

- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant

- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

Avis

2. Country Code

A complete list of country codes has been published in the issue of October 24, 2000 and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

5. How to Purchase Paper Copies of Canadian Patents and Canadian Laid-Open Applications

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by visiting our web site at www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$.50 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 24 octobre 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

5. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en visitant notre site web à l'adresse suivante www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 0.50\$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Notices

6. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of .50\$ per page from the Patent Office.

7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

8. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the Patent Act. Applications for a compulsory licence are made to the Commissioner of Patents.

9. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the Patent Office Record indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

6. Conseils relatifs à la préparation de demandes de brevets

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

7. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

8. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la Loi sur les brevets. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

9. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la Gazette du Bureau des brevets, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

Avis

10. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing.

2,024,812	2,148,626
2,200,665	2,239,404

10. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

2,024,812	2,148,626
2,200,665	2,239,404

11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,172,000 which issued on July 31, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 31 juillet 1984 sont maintenant expirés, jusque et y compris le no. 1,172,000. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

12. Laid-Open Applications

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the Patent Act). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the Patent Rules. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

12. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la Loi sur les brevets). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des Règles sur les brevets. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

13. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

13. Langue du document publié

Toute personne intéressée d'obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

Notices

14. Patent Cooperation Treaty (PCT)

SCHEDULE OF FEES APPLICABLE AS OF APRIL 1, 2001

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: Amount for each additional sheet over 30	562.00 13.00
3. Designation Fee: (Rule 15.2(a)) The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00	121.00

4. **International Search Fee** 1,320.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5. **Late Payment Fee** 50% of the fees that are due, or,
Minimum: Transmittal Fee
Maximum: Basic Fee

Preliminary Examination

6. **Handling Fee:** 287.51 Deutsche Marks
(Rule 57.2(a)) 147 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks
(Rule 58) 1,533 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office..

* International fees will be reduced by \$173.00 for all applications filed using PCT-Easy.

14. Traité de coopération en matière de brevets (PCT)

BARÈME DE TAXES À PARTIR DU 01 AVRIL 2001

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: Montant pour chaque feuille au delà de 30	562,00 13,00
3. Taxe de désignation (par pays) (Règle 15.2(a)) Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.	121,00

4. **Taxe de recherche internationale** 1 320,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. **Taxe pour paiement tardif** 50% du montant impayé, ou,
Minimum: taxe de transmission
Maximum: taxe de base

Examen préliminaire

6. **Taxe de traitement:** 287.51 marks allemands
(Règle 57.2(a)) 147 dollars euro

7. **Taxe d'examen préliminaire:** 2 998,29 marks allemands
(Règle 58) 1 533 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées à l'Office récepteur du Canada.

*Les frais seront réduits par 173,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Avis

15. PCT Notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by E-Mail at publications.mail@wipo.int or visit their website at <http://www.wipo.int>.

16. Lay-Open Applications

The Patent Office Record of July 31, 2001 contains laid-open applications from July 8, 2001 - July 14, 2001.

15. Avis PCT

Exigences des signatures du PCT

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à publications.mail@wipo.int ou visiter leur site web à <http://www.wipo.int>.

16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 8 juillet 2001 - 14 juillet 2001.

Canadian Patents Issued

July 31, 2001

Brevets canadiens délivrés

31 juillet 2001

[11] **1,341,276**
[13] C
[52] 195-140 28-0.5 167-199 167-323 260-8
260-219
[51] **Int.Cl. 7C08B 37/08 7A61K 7/00
7A61K 31/728 7A61L 31/00**
[25] EN
[54] **HYALURONIC ACID ESTERS AND
SALTS**
[54] **ESTERS DE L'ACIDE
HYALURONIQUE ET LEURS SELS**
[72] Della Valle, Francesco, IT
[72] Romeo, Aurelio, IT
[73] FIDIA S.P.A., IT
[21] **513,350**
[22] 1986-07-08
[30] IT (48322A85) 1985-07-08
[30] IT (48202A86') 1986-06-30

[11] **1,341,277**
[13] C
[52] 195-1.103 167-139
[51] **Int.Cl. 7C12P 21/08 7C07K 16/42
7A61K 39/395 7A61P 31/18**
[25] EN
[54] **ANTI-PARATOPIC ANTIBODY
AND A METHOD OF ITS
MANUFACTURE**
[54] **ANTICORPS ANTI-PARATOPIQUE
ET SON PROCEDE DE FABRICATION**
[72] McGready, Roland Keith, AU
[73] McGready, Roland Keith, AU
[21] **561,678**
[22] 1988-03-16
[30] AU (PI0864) 1987-03-16

[11] **1,341,278**
[13] C
[52] 167-308
[51] **Int.Cl. 7A61K 7/06 7A61K 31/505**
[25] FR
[54] **ASSOCIATION DE DERIVES DE
PYRIMIDINE ET DE RETINOIDES EN
COMPOSANTS SEPARES POUR
INDUIRE ET STIMULER LA
CROISSANCE DES CHEVEUX ET
DIMINUER LEUR CHUTE**
[54] **COMBINATION OF PYRIMIDINE
DERIVATIVES AND RETINOIDS IN
SEPARATE COMPONENTS TO
INDUCE AND STIMULATE HAIR
GROWTH AND REDUCE HAIR LOSS**
[72] Grollier, Jean-Francois, FR
[73] L'OREAL, FR
[21] **574,625**
[22] 1988-08-12
[30] LU (86.969) 1987-08-12

[11] **1,341,279**
[13] C
[52] 167-43 150-8
[51] **Int.Cl. 7G01N 33/52**
[25] EN
[54] **USE OF FLUORESCENT
BENZOTHAZOLE DERIVATIVES**
[54] **UTILISATION DE DERIVES
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[72] Marvin, William, US
[73] PROMEGA BIOSCIENCES, INC., US
[21] **617,124**
[22] 1989-07-07
[30] US (216,896) 1988-07-08

[11] **2,006,923**
[13] C
[51] **Int.Cl. 5B65G 67/00**
[25] EN
[54] **METHOD AND EQUIPMENT FOR
THE TRANSFER OF A CARGO SPACE
ONTO A VEHICLE AND OFF THE
VEHICLE**
[54] **METHODE POUR
MANUTENTIONNER LES
MARCHANDISES DANS UN
VEHICULE, ET MATERIAL CONNEXE**
[72] Raisio, Reijo, FI
[73] Multilift Oy, FI
[22] 1989-12-29
[30] FI (89 0002) 1989-01-02

[11] **2,009,368**
[13] C
[51] **Int.Cl. 5A61N 5/06**
[25] EN
[54] **METHOD AND APPARATUS FOR
PRECISION LASER SURGERY**
[54] **METHODE ET APPAREIL DE
CHIRURGIE DE PRECISION AU LASER**
[72] Sklar, H. Alfred, US
[72] Frank, Alan M., US
[72] Ferrer, Olga M., US
[72] Schiffer, Steven, US
[72] McMillan, Charles F., US
[72] Harriss, Paul, US
[72] Brown, Stewart A., US
[72] Rienecker, Fred, US
[73] VISX, INCORPORATED, US
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[13] C

[51] **Int.Cl. 5C09K 7/06**
[25] EN
[54] **MONOCARBOXYLIC ACID METHYLESTERS IN INVERT DRILLING MUDS**
[54] **METHYLESTERS D'ACIDE CARBOXYLIQUE DANS LES BOUES DE FORAGE INVERSES**
[72] Mueller, Heinz, DE
[72] Herold, Claus-Peter, DE
[72] von Tapavicza, Stephan, DE
[73] HENKEL
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[30] DE (P 39 03 784.3) 1989-02-09

[11] **2,012,234**
[13] C

[51] **Int.Cl. 5C22C 14/00 5C22F 1/18**
[25] EN
[54] **GAMMA TITANIUM ALLOYS MODIFIED BY CHROMIUM AND SILICON AND METHOD OF PREPARATION**
[54] **ALLIAGES DE TITANE GAMMA MODIFIES AU CHROME ET AU SILICIUM ET METHODE DE PREPARATION**
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[73] GENERAL ELECTRIC COMPANY, US
[22] 1990-03-15
[30] US (373,078) 1989-06-29

[11] **2,012,348**
[13] C

[51] **Int.Cl. 5C08L 95/00**
[25] EN
[54] **SUBSTANTIALLY SOLVENT FREE ASPHALTIC MATERIAL AND AGENT AND METHOD RELATING THERETO**
[54] **PRODUIT DE BITUME PRESQUE EXEMPT DE SOLVANT ET METHODE EN RAPPORT AVEC CELUI-CI**
[72] Janoski, Ronald J., US
[73] Tremco Incorporated, US
[22] 1990-03-16
[30] US (07/324,932) 1989-03-17

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[13] C

[51] **Int.Cl. 5B65D 71/22 5B65B 9/06**
[25] EN
[54] **MULTI-PACKS WITH END STACKS OF CONTAINERS**
[54] **EMBALLAGES GROUPES A CONTENANTS GERBES EN BOUT**
[72] Saulas, Alain, FR
[73] THE MEAD CORPORATION, US
[22] 1990-04-11
[30] GB (8908138.4) 1989-04-11

[11] **2,014,680**
[13] C

[51] **Int.Cl. 5A61K 7/22 5A61K 7/24**
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[54] **DENTIFRICE COMPOSITION**
[54] **DENTRIFRICE**
[72] Mori, Shigeki, JP
[72] Makino, Chiho, JP
[73] SUNSTAR KABUSHIKI KAISHA, JP
[22] 1990-04-17
[30] JP (104151/1989) 1989-04-24

[11] **2,015,162**
[13] C

[51] **Int.Cl. 5G01N 21/88**
[25] EN
[54] **METHOD OF AND APPARATUS FOR INCREASING THE PROCESSING SPEED IN THE SCANNING INSPECTION OF CIRCUIT BOARDS AND OTHER OBJECTS**
[54] **METHODE ET DISPOSITIF POUR ACCROITRE LA VITESSE DE TRAITEMENT DANS L'INSPECTION PAR EXPLORATION DE CARTES DE CIRCUITS ET AUTRES OBJETS**
[72] Bishop, Robert, US
[73] Beltronics, Inc., US
[22] 1990-04-23

[11] **2,016,908**
[13] C

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[54] **ANTAGONISTES D'AMINO-ACIDES EXCITATEURS**
[72] Baron, Bruce M., US
[72] Harrison, Boyd L., US
[73] AVENTIS PHARMA INC., CA
[22] 1990-05-16
[30] US (352,423) 1989-05-16
[30] US (496,748) 1990-03-21

[11] **2,018,511**
[13] C

[51] **Int.Cl. 6C07K 14/76 6C07K 1/18 6A61K 38/38**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PURIFIED ALBUMIN SOLUTIONS**
[54] **PROCEDE DE PREPARATION DE SOLUTIONS D'ALBUMINE PURIFIEES**
[72] Dernis, Dominique, FR
[72] Burnouf, Thierry, FR
[73] Centre Régional de Transfusion Sanguine de Lille, FR
[22] 1990-06-07
[30] FR (89 07586) 1989-06-08

[11] **2,019,334**
[13] C

[51] **Int.Cl. 5A61N 5/06 5A61B 17/36**
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[54] **LASER APPARATUS FOR TREATING BONE AND TOOTH TISSUE**
[54] **APPAREIL A LASER POUR LE TRAITEMENT DES OS ET DES DENTS**
[72] Levy, Guy, FR
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[22] 1990-06-19

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[54] **COMPOSITIONS DE CAOUTCHOUC THERMOSTABLES, BASEES SUR DU CAOUTCHOUC NITRILE HYDROGENE**
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[72] Rohde, Ernst, DE
[72] Thormer, Joachim, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
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[11] **2,019,474**
[13] C

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[54] **DRAPABLE, WATER VAPOR PERMEABLE, WIND AND WATER RESISTANT COMPOSITE FABRIC AND METHOD OF MANUFACTURING SAME**
[54] **TISSU COMPOSITE HYDROFUGE, HYDROPHOBE, COUPE-VENT ET METHODE DE FABRICATION CONNEXE**
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[72] Naor, Yechiel, US
[72] Lumb, Douglas, US
[73] Malden Mills Industries, Inc., US
[22] 1990-06-21
[30] US (422,850) 1989-10-17
[30] US (468,027) 1990-01-22

[11] **2,019,843**
[13] C

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[25] EN
[54] **CHROMIUM-FREE IMPREGNATED ACTIVATED CARBON FOR ADSORPTION OF TOXIC GASES AND/OR VAPORS**
[54] **CHARBON ACTIVE IMPREGNE SANS CHROME POUR L'ABSORPTION DES GAZ OU DES VAPEURS TOXIQUES**
[72] Doughty, David Templeton, US
[72] Groose, James Edward, US
[73] Calgon Carbon Corporation, US
[22] 1990-06-26

[11] **2,023,675**
[13] C

[51] **Int.Cl. 5B21D 9/00 5B21D 53/88**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING A TUBULAR FRAME MEMBER**
[54] **METHODE ET DISPOSITIF DE FORMAGE D'UN ELEMENT TUBULAIRE POUR CHASSIS**
[72] Roper, Ralph E., US
[73] Aquaform, Inc., US
[22] 1990-08-21
[30] US (398,272) 1989-08-24
[30] US (482,782) 1990-02-21

[11] **2,023,944**
[13] C

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[25] EN
[54] **USE OF PHOSPHOLIPID DERIVATIVES AS ANTIVIRAL PHARMACEUTICAL AND NEW PHOSPHOLIPIDS**
[54] **UTILISATION DE DERIVES PHOSPHOLIPIDIQUES COMME AGENTS PHARMACEUTIQUES ANTIVIRAUX ET NOUVEAUX PHOSPHOLIPIDES**
[72] Koch, Edith, DE
[72] Zilch, Harald, DE
[72] Bosies, Elmar, DE
[72] Herrmann, Dieter, DE
[73] HEIDELBERG PHARMA HOLDING GMBH, DE
[22] 1990-08-24
[30] DE (P 39 29 217.7) 1989-09-02

[11] **2,024,100**
[13] C

[51] **Int.Cl. 5F04D 19/00**
[25] EN
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[54] **VENTILATEUR HELICOIDAL**
[72] Kennedy, David W., US
[73] TCF Axial Division, Inc., US
[22] 1990-01-25
[30] US (07/304,492) 1989-01-31
[30] US (PCT/US90/00470) 1990-01-25

[11] **2,024,667**
[13] C

[51] **Int.Cl. 5C12N 9/48 6C07K 1/36 6A61K 38/37 6C07K 14/755**
[25] EN
[54] **PROCESS FOR PREPARING A CONCENTRATE OF BLOOD COAGULATION FACTOR VIII-VON WILLEBRAND FACTOR COMPLEX FROM TOTAL PLASMA**
[54] **PROCEDE DE PREPARATION D'UN CONCENTRE DE COMPLEXE DE FACTEUR VIII DE COAGULATION SANGUINE ET DE FACTEUR DE WILLEBRAND A PARTIR DE PLASMA TOTAL**
[72] Burnouf-Radosevich, Miryana, FR
[72] Burnouf, Thierry, FR
[73] Centre Regional de Transfusion Sanguine de Lille, FR
[22] 1990-09-05
[30] FR (8911567) 1989-09-05

[11] * **2,024,812**
[13] C

[51] **Int.Cl. 5A63C 9/00 5A63B 9/00**
[25] EN
[54] **IMPROVED SKI BINDING SUPPORT**
[54] **SUPPORT DE FIXATION DE SKI**
[72] Heuvel, Johan G. F., CA
[73] Heuvel, Johan G. F., CA
[22] 1990-09-07

[11] **2,024,859**
[13] C

[51] **Int.Cl. 5H01J 61/16**
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[54] **OPTICAL LIGHT SOURCE DEVICE**
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[72] Waymouth, John F., US
[73] Waymouth, John F., US
[22] 1990-09-07
[30] US (07/404,859) 1989-09-08

[11] **2,027,603**
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[51] **Int.Cl. 5F25D 31/00**
[25] EN
[54] **COOLING LIQUIDS**
[54] **LIQUIDES DE REFROIDISSEMENT**
[72] Bridden, Terence Edward, GB
[73] THE BOC GROUP PLC, GB
[22] 1990-10-15
[30] GB (8923261.5) 1989-10-16

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[13] C

[51] Int.Cl. 5H01J 29/07
[25] EN
[54] **COLOR PICTURE TUBE HAVING SHADOW MASK WITH IMPROVED SUPPORT**
[54] **TUBE IMAGE COULEUR A SUPPORT DE MASQUE PERFORE AMELIORE**
[72] Bauder, Richard Clark, US
[73] THOMSON CONSUMER ELECTRONICS, INC., US
[22] 1990-11-08
[30] US (437,577) 1989-11-17

[11] 2,029,538
[13] C

[51] Int.Cl. 5H01J 29/87
[25] EN
[54] **METHOD OF FORMING A SHRINK FIT IMPLOSION PROTECTION BAND**
[54] **METHODE DE FORMAGE D'UNE BANDE ANTI-IMPLOSION A AJUSTEMENT FRETTE**
[72] Swank, Harry Robert, US
[73] THOMSON CONSUMER ELECTRONICS, INC., US
[22] 1990-11-08
[30] US (443,524) 1989-11-30

[11] 2,029,550
[13] C

[51] Int.Cl. 5D04H 1/22 5D01D 5/11
[25] EN
[54] **PROCESS FOR FLASH SPINNING POLYOLEFINS**
[54] **PROCEDE DE FILAGE ECLAIR DE POLYOLEFINES**
[72] Coates, Don Mayo, US
[72] McMillin, Carl Kenneth, US
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US
[22] 1990-11-14
[30] US (440,156) 1989-11-22
[30] US (602,344) 1990-10-23

[11] 2,029,556
[13] C

[51] Int.Cl. 5H01J 29/07
[25] EN
[54] **COLOR PICTURE TUBE HAVING IMPROVED SHADOW MASK-FRAME ASSEMBLY SUPPORT**
[54] **TUBE IMAGE COULEUR A SUPPORT AMELIORE POUR LE CADRE DU MASQUE PERFORE**
[72] Ragland, Frank Rowland, Jr., US
[73] THOMSON CONSUMER ELECTRONICS, INC., US
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[30] US (444,215) 1989-12-01

[11] 2,030,668
[13] C

[51] Int.Cl. 5C08K 3/08 5B29C 49/00 5C08L 67/02
[25] EN
[54] **POLYESTER BOTTLES**
[54] **BOUTEILLES DE POLYESTER**
[72] Tindale, Neil, GB
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[22] 1990-11-22
[30] GB (8926631.6) 1989-11-24

[11] 2,030,729
[13] C

[51] Int.Cl. 5G05D 1/10
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[54] **AIRCRAFT REMOTE CONTROL SYSTEM**
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[72] Latteur, Alain, BE
[72] Dekoninck, Philippe, BE
[73] TECHNO SUD INDUSTRIES, FR
[22] 1990-11-23
[30] FR (89.16088) 1989-12-04

[11] 2,033,658
[13] C

[51] Int.Cl. 5C12N 9/92 5C12P 41/00 5C12P 19/24
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[54] **GLUCOSE ISOMERASES WITH AN ALTERED PH OPTIMUM**
[54] **GLUCOSE-ISOMERASES AVEC PH OPTIMAL MODIFIE**
[72] Lambeir, Anne-Marie Virginie Renee, BE
[72] Lasters, Ignace, BE
[72] Mrabet, Nadir, BE
[72] Quax, Wilhelmus Johannes, NL
[72] Van Der Laan, Jan Metske, NL
[72] Missel, Onno, NL
[73] GENENCOR INTERNATIONAL, INC., US
[73] PLANT GENETIC SYSTEMS N.V., BE
[22] 1991-01-04
[30] EP (90200037.1) 1990-01-04
[30] EP (90200030.6) 1990-01-04

[11] 2,035,113
[13] C

[51] Int.Cl. 5H01B 12/06
[25] FR
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[54] **SUPERCONDUCTING LEAD PROTECTED AGAINST PARTIAL TRANSITIONS**
[72] Verhaege, Thierry, FR
[72] Pham, Van Doan, FR
[72] Lacaze, Alain, FR
[73] GEC ALSTHOM S.A., FR
[22] 1991-01-28
[30] FR (90 00 992) 1990-01-29

[11] 2,035,951
[13] C

[51] Int.Cl. 5C07F 9/655 5A61K 31/34 5A61K 7/48
[25] EN
[54] **BILOBALIDE DERIVATIVES, THEIR APPLICATIONS AND FORMULATIONS CONTAINING THEM**
[54] **DERIVES DE BILOBALIDE, LEURS APPLICATIONS, ET FORMULATIONS EN CONTENANT**
[72] Bombardelli, Ezio, IT
[72] Mustich, Giuseppe, IT
[73] Indena S.p.A., IT
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[30] IT (19324 A/90) 1990-02-09

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[11] **2,035,986**
[13] C

[51] **Int.Cl. 6C07K 14/78 5A61L 27/00**
[25] EN
[54] **BIOLOGICALLY COMPATIBLE COLLAGENOUS REACTION PRODUCT AND ARTICLES USEFUL AS MEDICAL IMPLANTS PRODUCED THEREFROM**
[54] **PRODUIT DE REACTION COLLAGENES BIOLOGIQUEMENT COMPATIBLES ET ARTICLES UTILES POUR LES IMPLANTS MEDICAUX FABRIQUES A L'AIDE DUDIT PRODUIT**
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[73] COLLAGENESIS INC., US
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[30] US (486,558) 1990-02-28

[11] **2,036,988**
[13] C

[51] **Int.Cl. 5G01N 21/73**
[25] EN
[54] **APPARATUS AND METHOD FOR INJECTING COMPOUNDS IN PLASMA FOR ICP-OES ANALYSIS**
[54] **APPAREIL ET METHODE POUR L'INJECTION DE COMPOSES DANS LE PLASMA AUX FINS DE L'ANALYSE ICP-OES**
[72] Popielski, Stanley E., US
[72] Holdsworth, Melvyn, US
[73] AMERICAN CYANAMID COMPANY, US
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[30] US (07/485,409) 1990-02-27

[11] **2,037,860**
[13] C

[51] **Int.Cl. 5C10J 3/57**
[25] EN
[54] **WASTE PROCESSING**
[54] **METHODE DE TRAITEMENT D'UN EFFLUENT GAZEUX**
[72] Katona, Paul, US
[72] Jasbinsek, John, US
[73] Katona, Paul, US
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[22] 1991-03-08
[30] US (490,759) 1990-03-08

[11] **2,038,802**
[13] C

[51] **Int.Cl. 5G02B 26/08 5G03B 21/28**
[25] EN
[54] **REFLECTIVE OVERHEAD PROJECTOR WITH ALTERNATE LIGHT SOURCES**
[54] **RETROPROJECTEUR A DEUX SOURCES LUMINEUSES**
[72] Dreyer, John F., Jr., US
[72] Roden, Dennis J., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[22] 1991-03-21
[30] US (07/643,474) 1991-01-22

[11] **2,038,842**
[13] C

[51] **Int.Cl. 5B23K 26/02**
[25] EN
[54] **PROCESS AND APPARATUS FOR THE CONTINUOUS WELDING OF STRIPS GUIDED IN ABUTMENT BY A LASER BEAM**
[54] **PROCEDE ET APPAREIL DE SOUDAGE EN CONTINU DE BANDES GUIDÉES EN ABOUTEMENT PAR FAISCEAU LASER**
[72] Prange, Wilfried, DE
[72] Sturm, Joseph, DE
[72] Schachheim, Hans, DE
[72] Schmitz, Heinrich, DE
[72] Zeimes, Manfred, DE
[73] THYSSEN STAHL AKTIENGESELLSCHAFT, DE
[22] 1991-03-22
[30] DE (P 4010077.4) 1990-03-29

[11] **2,040,128**
[13] C

[51] **Int.Cl. 5C07C 209/16 5B01J 29/04**
[25] EN
[54] **CATALYSTS FOR THE PRODUCTION OF METHYL AMINES**
[54] **CATALYSEURS SERVANT A LA PRODUCTION D'AMINOMETHYLES**
[72] Hutchings, Graham John, GB
[72] Themistocleous, Themistoclis, ZA
[72] Copperthwaite, Richard George, ZA
[73] Zeofuels Research (Proprietary) Limited, ZA
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[30] ZA (90/2721) 1990-04-10

[11] **2,040,666**
[13] C

[51] **Int.Cl. 5E02D 17/08**
[25] EN
[54] **CONTINUOUS STRUCTURE FORMING METHOD AND THE RESULTING PRODUCT**
[54] **METHODE DE FORMAGE DE STRUCTURE EN CONTINU ET PRODUIT AINSI OBTENU**
[72] Payne, LeRoy, US
[73] Payne, LeRoy, US
[22] 1991-04-17
[30] US (521,442) 1990-05-10

[11] **2,040,774**
[13] C

[51] **Int.Cl. 5C07D 401/12 5C07D 491/00 5C07D 471/10 5C07D 498/10 5C07D 401/14 5C08K 5/34**
[25] EN
[54] **COMPOUNDS FORMED FROM O-HYDROXYPHENYL-1,3,5-TRIAZINES AND STERICALLY HINDERED AMINES**
[54] **COMPOSES FORMES D'O-HYDROXYPHENYL-1,3,5-TRIAZINES ET D'AMINES STERIQUEMENT ENCOMBRES**
[72] Slongo, Mario, CH
[72] Birbaum, Jean-Luc, CH
[72] Rody, Jean, CH
[72] Valet, Andreas, DE
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
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[30] CH (1338/90-5) 1990-04-20

[11] **2,041,240**
[13] C

[51] **Int.Cl. 5A61K 31/557**
[25] EN
[54] **BIOCHEMICAL TREATMENT WITH 15-DEHYDROXY-16-OXOPROSTAGLANDIN COMPOUNDS**
[54] **TRAITEMENT BIOCHIMIQUE A L'AIDE DE 15-DESHYDROXY-16-OXOPROSTAGLANDINE**
[72] Ueno, Ryuji, JP
[73] Kabushikikaisha Ueno Seiyaku Oyo Kenkyujo, JP
[22] 1991-04-25
[30] JP (112303/1990) 1990-04-27
[30] JP (61327/1991) 1991-03-01

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[13] C
[51] **Int.Cl. 5A22C 7/00 5A23B 4/00**
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[25] EN
[54] **TEMPERATURE CONTROLLED**
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METHOD
[54] **METHODE ET APPAREIL DE**
TRAITEMENT D'ALIMENTS A
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[72] Gould, Bruce, US
[73] Challenge-RMF Inc., US
[85] 1991-05-09
[86] 1990-09-21 (PCT/US90/05291)
[87] (WO91/03952)
[30] US (410,993) 1989-09-22

[11] **2,041,891**
[13] C
[51] **Int.Cl. 5C23C 22/83**
[25] EN
[54] **PROCESS OF AFTERTREATING**
CONVERSION LAYERS
[54] **PROCEDE DE POST-**
TRAITEMENT DE COUCHES DE
CONVERSION
[72] Kolberg, Thomas, DE
[72] Rausch, Werner, DE
[72] Schubach, Peter, DE
[72] Wendel, Thomas, DE
[73] Metallgesellschaft Aktiengesellschaft,
DE
[22] 1991-05-06
[30] DE (P 40 17 187.6) 1990-05-29

[11] **2,041,989**
[13] C
[51] **Int.Cl. 6A61K 38/18**
[25] EN
[54] **AQUEOUS PHARMACEUTICAL**
FORMULATIONS OF
ERYTHROPOIETIN AND THE USE
THEREOF
[54] **FORMULES PHARMACEUTIQUES**
AQUEUSES AYANT UNE ACTION
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[72] Brune, Thomas, DE
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[72] Schreiber, William F., US
[72] Bar, Abraham A., US
[73] ELECTRONICS FOR IMAGING, US
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[11] **2,044,076**
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[25] EN
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[54] **PROCEDE ET APPAREIL DE**
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[72] Dickenson, F. Lee, US
[72] Abuto, Frank P., US
[72] Chambers, Leon E., Jr., US
[72] Werner, Edward E., US
[72] Wisneski, Tony J., US
[73] KIMBERLY-CLARK WORLDWIDE,
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[22] 1991-06-07
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[11] **2,045,717**
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[54] **COMPOSITION LUBRIFIANTE**
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[72] Schumacher, Rolf, CH
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[51] **Int.Cl. 5C09K 7/06**
[25] EN
[54] **USE OF SELECTED ESTER OILS**
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DRILLING FLUIDS
[54] **MISE EN OEUVRE D'ESTERS**
CHOISIS D'ACIDES CARBOXYLIQUES
DE FAIBLE LONGUEUR DE CHAINE
EN PHASE HUILEUSE DANS DES
LIQUIDES DE FORAGE
[72] von Tapavicza, Stephan, DE
[72] Neuss, Michael, DE
[72] Burbach, Frank, DE
[72] Mueller, Heinz, DE
[72] Herold, Claus-Peter, DE
[73] HENKEL
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[30] DE (P 39 07 391.2) 1989-03-08

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[13] C
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[54] **AGENTS ABSORBANTS A**
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[30] US (568,297) 1990-08-16

[11] **2,053,560**
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[72] Tiffen, Ira, US
[73] TIFFEN MANUFACTURING
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[13] C

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[73] GENERAL ELECTRIC COMPANY, US
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[54] **PRESSE ET BLOC MODULAIRE DE PRESSE UTILISES POUR LE FACONNAGE DE CONNECTEURS ELECTRIQUES**
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[30] US (606,983) 1990-10-31

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[13] C

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[54] **NUMBER CARD GAME AND METHOD**
[54] **JEU DE CARTES A CHIFFRES ET METHODE CONNEXE**
[72] Sandeen, Lowell, US
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[30] US (07/610,847) 1990-11-08

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[54] **SEQUENCES OLIGONUCLEOTIDIQUES POUR L'AMPLIFICATION DU GENOME DES RETROVIRUS DU TYPE HIV-2 ET SIV, ET LEURS APPLICATIONS AU DIAGNOSTIC IN-VITRO DES INFECTIONS DUES A CES VIRUS**
[54] **OLIGONUCLEOTIDIC SEQUENCES FOR THE AMPLIFICATION OF HIV-2 AND SIV-TYPE RETROVIRUS GENOME, AND THEIR APPLICATIONS FOR THE IN VITRO DIAGNOSIS OF INFECTIONS DUE TO THESE VIRUS**
[72] Sonigo, Pierre, FR
[72] Brechot, Christian, FR
[72] Courgnaud, Valérie, FR
[73] INSTITUT PASTEUR, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[86] 1990-06-05 (PCT/FR90/00394)
[87] (WO90/15158)
[30] FR (89 07355) 1989-06-02

[11] **2,056,043**
[13] C

[51] **Int.Cl. 5E21B 4/00**
[25] EN
[54] **FLOW RESTRICTOR FOR MUD LUBRICATED EARTH DRILLING MOTORS**
[54] **RESTRICTEUR DE DEBIT POUR MOTEURS DE FORAGE DE TERRAINS LUBRIFIES A LA BOUE**
[72] Wenzel, Kenneth Hugo, CA
[72] Foote, Dean, CA
[73] DRECO ENERGY SERVICES LTD., CA
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[11] **2,058,260**
[13] C

[51] **Int.Cl. 5G06F 9/44 5G06F 9/00**
[25] EN
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[72] Ditzel, David, US
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[13] C

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[25] EN
[54] **METHOD OF AND APPARATUS FOR INSPECTING END OF OBJECT FOR DEFECT**
[54] **METHODE ET APPAREIL PERMETTANT L'INSPECTION DE L'EXTREMITE DE DIVERS OBJETS**
[72] Minato, Nobuhiro, JP
[73] TOYO GLASS COMPANY LIMITED, JP
[22] 1992-01-13
[30] JP (26729/1991) 1991-01-29

[11] **2,059,305**
[13] C

[51] **Int.Cl. 5C07D 491/22 5C07D 495/22**
[25] EN
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[54] **COMPOSE HEXA-CYCLIQUE**
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[72] Ejima, Akio, JP
[72] Ohsuki, Satoru, JP
[72] Uoto, Kouichi, JP
[73] Daiichi Pharmaceutical Co., Ltd., JP
[73] KABUSHIKI KAISHA YAKULT HONSHA, JP
[22] 1992-01-14
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[51] **Int.Cl. 5H01T 23/00 5H01T 19/00**
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PARTICULES**
[72] Szirmai, Stephen George, AU
[73] AUSPHARM INTERNATIONAL
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[73] COMMONWEALTH SCIENTIFIC
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[11] 2,065,984
[13] C

[51] **Int.Cl. 5G03B 7/097**
[25] EN
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[54] **DISPOSITIF DE COMMANDE
D'EXPOSITION POUR APPAREIL
PHOTO**
[72] Sato, Osamu, JP
[72] Nakano, Satoshi, JP
[72] Hirai, Isamu, JP
[72] Kitazawa, Toshiyuki, JP
[72] Sensui, Takayuki, JP
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[30] JP (3-173490) 1991-04-15
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[11] 2,066,064
[13] C

[51] **Int.Cl. 5G03B 7/097**
[25] EN
[54] **EXPOSURE CONTROL
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[54] **DISPOSITIF DE COMMANDE
D'EXPOSITION POUR APPAREIL
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[72] Hirai, Isamu, JP
[72] Kitazawa, Toshiyuki, JP
[72] Sensui, Takayuki, JP
[72] Yamamoto, Masato, JP
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[72] Shishikura, Takenao, JP
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[30] JP (3-214834) 1991-05-21
[30] JP (3-361198) 1991-11-28

[11] 2,067,110
[13] C

[51] **Int.Cl. 5A61M 25/10 5A61B 17/36**
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[73] BOSTON SCIENTIFIC
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[11] 2,068,763
[13] C

[51] **Int.Cl. 5A61K 47/14 5A61K 31/19
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[25] EN
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ISOPROPYL MYRISTATE IN TOPICAL
AND TRANSDERMAL PRODUCTS**
[54] **ADIPATE DE DIBUTYLE ET
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DES PRODUITS TOPIQUES ET
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[73] BRISTOL-MYERS SQUIBB
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[22] 1992-05-15
[30] US (701,944) 1991-05-17
[30] US (790,939) 1991-11-12

[11] 2,069,428
[13] C

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[72] Bennett, Frances K., US
[72] Paul, Stephan R., US
[73] GENETICS INSTITUTE, INC., US
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[30] US (441,100) 1989-11-22
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[11] 2,070,435
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[25] EN
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[54] **ENDUIT INTUMESCENT
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[73] NO Fire Engineering, Inc., US
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[11] **2,072,945**
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[25] EN
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[11] **2,073,525**
[13] C

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[25] EN
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[11] **2,075,193**
[13] C

[51] **Int.Cl. 5A61B 10/00 5A61F 13/15**
[25] EN
[54] **SPECIMEN TEST UNIT**
[54] **APPAREIL D'ESSAI DE
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[73] Nason, Frederic L., US
[85] 1992-07-31
[86] 1990-12-13 (PCT/US90/07509)
[87] (WO92/10136)

[11] **2,076,223**
[13] C

[51] **Int.Cl. 5B65D 83/02 5B65D 85/24**
[25] EN
[54] **MODULAR PACKAGING AND
HOLDER FOR TOOL BITS**
[54] **EMBALLAGE PORTE-OUTIL
MODULAIRE**
[72] McKenzie, Archibald M., CA
[72] McKenzie, Paul Donald, CA
[72] Suter, Robert, CA
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[11] **2,076,671**
[13] C

[51] **Int.Cl. 5B01J 20/34**
[25] EN
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[54] **PROCEDE DE REGENERATION
DE TAMIS MOLECULAIRES**
[72] Bodart, Philippe, BE
[72] De Clippeleir, Georges, BE
[72] Van Thillo, Hugo, BE
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[86] 1991-01-15 (PCT/BE91/00002)
[87] (WO92/12791)

[11] **2,077,083**
[13] C

[51] **Int.Cl. 5C07C 21/06 5C07C 11/02
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[25] FR
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PRODUITS CHIMIQUES**
[54] **METHOD OF FABRICATING
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[72] Loublie, Marc, FR
[72] Margail, Guy, FR
[73] Naphtachimie S.A., FR
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[87] (WO92/11931)
[30] FR (90/16627) 1990-12-28

[11] **2,077,650**
[13] C

[51] **Int.Cl. 5C07C 43/178 5C08L 71/00
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[54] **ALKOXYLATE D'ALCOOL GRAS**
[72] Cook, Iain, AU
[73] ORICA AUSTRALIA PTY LTD, AU
[85] 1992-09-04
[86] 1990-11-23 (PCT/AU90/00565)
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[30] AU (PJ 9055) 1990-03-09

[11] **2,078,894**
[13] C

[51] **Int.Cl. 5B60M 1/30**
[25] EN
[54] **CONDUCTOR RAILS FOR
ELECTRIC RAILWAY SYSTEM**
[54] **RAILS DE CONTACT POUR
RESEAU FERROVIAIRE ELECTRIQUE**
[72] Hartland, David Julian, GB
[73] Brecknell, Willis & Co. Limited, GB
[22] 1992-09-23
[30] GB (9120676.3) 1991-09-28

[11] **2,079,877**
[13] C

[51] **Int.Cl. 5C12N 15/32 5A01H 5/00
5A01N 63/02 5C12P 21/02 5C12N 5/10
5C12N 1/20 5C12N 1/21**
[25] EN
[54] **BACILLUS THURINGIENSIS
STRAINS AND THEIR GENES
ENCODING INSECTICIDAL TOXINS**
[54] **SOUCHES DE BACILLUS
THURINGIENSIS POSSEDANT DES
GENES CODANT POUR LA
PRODUCTION DE TOXINES
INSECTICIDES**
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[72] Lambert, Bart, BE
[72] Van Audenhove, Katrien, BE
[73] Plant Genetic Systems N.V., BE
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[87] (WO91/16433)
[30] GB (90401144.2) 1990-04-26
[30] GB (90403724.9) 1990-12-20

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[13] C
[51] **Int.Cl. 5G02B 21/00 5G02B 21/02
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[73] OPTISCAN PTY LTD, AU
[85] 1992-10-05
[86] 1991-04-05 (PCT/AU91/00129)
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[30] AU (PJ 9538) 1990-04-06
[30] AU (PK 3233) 1990-11-08
[30] AU (PK 1571) 1990-08-03

[11] **2,080,933**
[13] C
[51] **Int.Cl. 5G01N 35/00**
[25] EN
[54] **ANALYZER HAVING COVER
ANALYSEUR MUNI D'UN
COUVERCLE**
[72] Furuie, Dai, JP
[73] SYSMEX CORPORATION, JP
[22] 1992-10-20
[30] JP (3-94478) 1991-10-22

[11] **2,081,219**
[13] C
[51] **Int.Cl. 5B60G 17/015**
[25] EN
[54] **SYSTEM FOR REDUCING
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[72] Nobles, Charles M., US
[72] Ivers, Douglas E., US
[72] Jolly, Mark R., US
[73] Lord Corporation, US
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[30] US (07/782,501) 1991-10-25

[11] **2,082,516**
[13] C
[51] **Int.Cl. 5C11D 7/50 5B08B 9/08**
[25] EN
[54] **CLEANING AGENTS FOR
RETURNABLE PLASTIC OR PLASTIC-
COATED GLASS CONTAINERS
PRODUITS DE NETTOYAGE POUR
CONTENANTS CONSIGNES EN
PLASTIQUE ET EN VERRE REVETU
DE PLASTIQUE**
[72] Wershofen, Thomas, DE
[72] Schroeder, Karl-Heinz, DE
[72] Falter, Wolfgang, DE
[73] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[85] 1992-11-09
[86] 1991-04-29 (PCT/EP91/00816)
[87] (WO91/17236)
[30] DE (P 40 14 747.9) 1990-05-08

[11] **2,082,956**
[13] C
[51] **Int.Cl. 5A01M 1/20 5A01N 63/00
5A01M 1/02**
[25] EN
[54] **INSECT BAIT STATION
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[72] Gehret, Michael J., US
[73] TEMPLE UNIVERSITY, US
[85] 1992-11-13
[86] 1991-05-10 (PCT/US91/03254)
[87] (WO91/17656)
[30] US (523,011) 1990-05-14

[11] **2,084,088**
[13] C
[51] **Int.Cl. 5F25B 45/00**
[25] EN
[54] **METHOD AND APPARATUS FOR
RECLAIMING A REFRIGERANT
METHODE ET APPAREIL POUR
RECUPERER UN REFRIGERANT**
[72] Todack, James J., US
[73] Refrigerant Recovery Corporation of
America, US
[85] 1992-11-27
[86] 1991-05-24 (PCT/US91/03702)
[87] (WO91/19141)
[30] US (531,211) 1990-05-31

[11] **2,090,226**
[13] C
[51] **Int.Cl. 5H04N 9/79 5H04N 11/00**
[25] EN
[54] **PROCESS, CODER AND DECODER
FOR DIGITAL TRANSMISSION AND/
OR RECORDING OF COMPONENT-
CODED COLOUR-TV SIGNALS
METHODE, CODEUR ET
DECODEUR DE TRANSMISSION ET/
OU D'ENREGISTREMENT
NUMERIQUE(S) DE SIGNAUX DE
TELEVISION EN COULEURS A
CODAGE DES COMPOSANTES**
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[73] DEUTSCHE THOMSON-BRANDT
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[85] 1993-02-23
[86] 1991-09-06 (PCT/EP91/01701)
[87] (WO92/04804)
[30] DE (P 40 28 731.9) 1990-09-10

[11] **2,091,838**
[13] C
[51] **Int.Cl. 5A61M 1/02**
[25] EN
[54] **AUTOTRANSFUSION SYSTEM
WITH PORTABLE DETACHABLE
VACUUM SOURCE
MECANISME
D'AUTOTRANSFUSION A DISPOSITIF
DE VIDE PORTATIF DETACHABLE**
[72] Olson, Daniel Henry, US
[73] BRISTOL-MYERS SQUIBB
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[22] 1993-03-17
[30] US (07/896,078) 1992-06-03

[11] **2,093,736**
[13] C
[51] **Int.Cl. 5B65D 53/06**
[25] EN
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LINER
FERMOIR EN MATIERE
PLASTIQUE AVEC GARNITURE
D'ETANCHEITE MOULEE PAR
COMPRESSION**
[72] Bayer, John W., US
[73] OWENS-ILLINOIS CLOSURE INC.,
US
[22] 1993-04-08
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[11] **2,093,922**
[13] C

[51] **Int.Cl. 5A61B 5/05**
[25] EN
[54] **A DEVICE FOR MEASUREMENT OF ELECTRICAL IMPEDANCE OF ORGANIC AND BIOLOGICAL MATERIALS**
[54] **DISPOSITIF DE MESURE DE L'IMPEDANCE ELECTRIQUE DE MATERIAUX ORGANIQUES ET BIOLOGIQUES**
[72] Ollmar, Stig, SE
[73] Centrum För Dentalteknik Och Biomaterial, SE
[85] 1993-04-13
[86] 1991-10-18 (PCT/SE91/00703)
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[30] SE (9003336-6) 1990-10-18

[11] **2,098,300**
[13] C

[51] **Int.Cl. 5F01N 3/02 5B04B 5/08**
[25] EN
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[54] **SEPARATEUR DE PARTICULES ET DE FLUIDES LEGERES ET LOURDS**
[72] Wade, Brian, GB
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[85] 1993-06-11
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[87] (WO92/13180)
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[30] GB (9102886.0) 1991-02-12
[30] GB (9122230.7) 1991-10-19

[11] **2,098,511**
[13] C

[51] **Int.Cl. 5C02F 1/46**
[25] EN
[54] **IN-SITU TREATMENT SYSTEM FOR INHIBITING THE FORMATION OF, AND FOR ALLEVIATING, ACIDITY IN WATER**
[54] **SYSTEME DE TRAITEMENT IN SITU POUR EMPECHER L'ACIDIFICATION DE L'EAU OU ATTENUER L'ACIDITE**
[72] Chesworth, Ward, CA
[72] Shelp, Gene Sidney, CA
[72] Shelp, Barry Jess, CA
[73] ENPAR Technologies Inc., CA
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[11] **2,101,768**
[13] C

[51] **Int.Cl. 5B29C 45/17 5B29C 45/64**
[25] EN
[54] **INJECTION MOLDING MACHINE FOR PROCESSING SYNTHETIC MATERIALS**
[54] **MACHINE A MOULER PAR INJECTION DE MATERIAUX DE SYNTHESE**
[72] HEHL, KARL, DE
[73] HEHL, KARL, DE
[22] 1993-08-02
[30] DE (P 42 27 336.6) 1992-08-18

[11] **2,101,886**
[13] C

[51] **Int.Cl. 5C12Q 1/04 5C12M 1/34**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING MICROORGANISMS**
[54] **METHODE ET DISPOSITIF DE DETECTION DE MICROORGANISMES**
[72] Berndt, Klaus W., US
[72] Schulte, Thomas H., US
[73] BECTON, DICKINSON AND COMPANY, US
[22] 1993-08-04
[30] US (07/938,968) 1992-09-01

[11] **2,102,847**
[13] C

[51] **Int.Cl. 5B29C 65/18 5B23K 35/24**
[25] EN
[54] **PATTERNED HEAT WELDING ROD FOR SEAMING RESILIENT FLOORING**
[54] **BAGUETTE FACONNEE POUR LE THERMOSOUDEGE DES REVETEMENTS DE SOL SOUPLES**
[72] Quinn, Edwin J., US
[72] Velez, Manuel A., US
[72] Ringer, Richard M., US
[72] Buckwalter, Michael E., US
[73] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 1993-11-10
[30] US (07/976,533) 1992-11-16

[11] **2,104,744**
[13] C

[51] **Int.Cl. 5F22B 31/00 5F23D 14/78**
[25] EN
[54] **COMBUSTION METHOD AND APPARATUS FOR REDUCING EMISSION CONCENTRATIONS OF NOX AND CO**
[54] **METHODE DE COMBUSTION SERVANT A REDUIRE LES TENEURS A L'EMISSION EN NOX ET EN CO, ET APPAREIL CONNEXE**
[72] Kayahara, Toshihiro, JP
[72] Tanaka, Osamu, JP
[72] Kawakami, Akinori, JP
[72] Nakai, Tetsushi, JP
[72] Ikeda, Kazuhiro, JP
[73] Miura Co. Ltd., JP
[22] 1993-08-24
[30] JP (268055-1992) 1992-09-09

[11] **2,105,699**
[13] C

[51] **Int.Cl. 5H04J 3/02**
[25] EN
[54] **TRANSMISSION SYSTEM FOR TRANSMITTING SIGNALS IN BURST MODE**
[54] **SYSTEME DE TRANSMISSION DE SIGNAUX EN SALVES**
[72] De Groote, Jan Lieven Bert, BE
[72] Vandewege, Jan Alfons Oda, BE
[72] Allaert, Joost, BE
[72] Van Parys, Hans Achiel Gilberte, BE
[73] ALCATEL, N.V., NL
[22] 1993-09-08
[30] EP (92202737.0) 1992-09-09

[11] **2,105,905**
[13] C

[51] **Int.Cl. 5C04B 7/345**
[25] EN
[54] **LIGHT WEIGHT CEMENTITIOUS FORMULATIONS**
[54] **FORMULATIONS POUR LIANTS HYDRAULIQUES LEGERES**
[72] Crocker, David A., US
[73] Texas Industries, Inc., US
[22] 1993-09-10
[30] US (07/949,905) 1992-09-23

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[11] **2,106,036**
[13] C

[51] **Int.Cl. 5C10M 171/06 5C10M 119/20 5B01J 2/28**
[25] EN
[54] **CARRIER-FREE METALWORKING LUBRICANT AND METHOD OF MAKING AND USING SAME**
[54] **LUBRIFIANT SANS PORTEUR POUR LE TRAVAIL DES METAUX, PROCEDE DE FABRICATION ET UTILISATION DE CELUI-CI**
[72] Lum, Andrew F., US
[72] Uribe, Juan M., US
[72] Hogan, John M., US
[72] Persinger, Richard A., US
[72] Miller, James F., US
[72] Navaratnam, Ramesh A., US
[73] Castrol Limited, GB
[22] 1993-09-13
[30] US (07/954,936) 1992-09-30

[11] **2,106,680**
[13] C

[51] **Int.Cl. 5A61N 5/02 5A61M 25/10**
[25] EN
[54] **CATHETERS FOR TREATING PROSTATE DISEASE**
[54] **CATHETERS POUR LE TRAITEMENT DES TROUBLES PROSTATIQUES**
[72] Sterzer, Fred, US
[73] MMTC Inc., US
[85] 1993-09-21
[86] 1991-04-12 (PCT/US91/02509)
[87] (WO92/18199)
[30] US (512520) 1990-04-19

[11] **2,107,553**
[13] C

[51] **Int.Cl. 5C12P 21/08 5A61K 48/00 5C12N 5/08 5C12N 5/18 6C07K 16/28 5A61K 39/395 6C07K 16/46 5A61K 47/48 5G01N 33/566 5G01N 33/577 5A61K 31/70 5A61K 35/78**
[25] EN
[54] **MONOCLONAL ANTIBODIES TO STEM CELL FACTOR RECEPTORS**
[54] **ANTICORPS MONOCLONAUX CONTRE LES RECEPTEURS DU FACTEUR DE CROISSANCE DES CELLULES-SOUCHES**
[72] Lin, Nancy, US
[72] Broudy, Virginia C., US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF WASHINGTON, US
[85] 1993-10-01
[86] 1992-04-03 (PCT/US92/02674)
[87] (WO92/17505)
[30] US (07/681,245) 1991-04-05

[11] **2,109,203**
[13] C

[51] **Int.Cl. 5C08L 63/00 5C08L 77/00**
[25] EN
[54] **STABLE, ONE-COMPONENT, CURABLE EPOXY/POLYAMIDE RESIN DISPERSIONS**
[54] **DISPERSIONS DE RESINE D'EPOXYDE/POLYAMIDE STABLE ET RETICULABLE, A UN SEUL CONSTITUANT**
[72] Smith, George A., US
[72] Frihart, Charles R., US
[73] Union Camp Corporation, US
[85] 1993-10-25
[86] 1992-04-30 (PCT/US92/03558)
[87] (WO92/19677)
[30] US (07/694,726) 1991-05-02

[11] **2,111,519**
[13] C

[51] **Int.Cl. 5D21C 3/04 5D21C 9/10 5D21C 9/147**
[25] EN
[54] **OXYGEN/OZONE/PERACETIC ACID DELIGNIFICATION AND BLEACHING OF CELLULOSIC PULPS**
[54] **METHODE DE DELIGNIFICATION ET BLANCHIMENT DES PATES CELLULOSIQUES PAR REACTION AVEC L'OXYGENE/OZONE/ACIDE PERACETIQUE**
[72] Parthasarathy, Venketa R., US
[72] Rudie, Glenn F., US
[73] THE MEAD CORPORATION, US
[22] 1993-12-15
[30] US (08/010,533) 1993-01-28

[11] **2,112,983**
[13] C

[51] **Int.Cl. 5B22D 41/00 5B01D 46/02 5F27D 3/14 5C21C 5/38**
[25] EN
[54] **SUPPRESSION OF FUME IN METAL POURING**
[54] **SUPPRESSION DES VAPEURS EN COURS DE COULAGE DE METAUX**
[72] Butler, Geoffrey D. H., GB
[72] Purnell, Peter Leslie, GB
[73] Multiserv International PLC, GB
[85] 1994-01-06
[86] 1992-11-09 (PCT/GB92/02066)
[87] (WO93/09898)
[30] GB (9123943.4) 1991-11-11
[30] GB (9204764.6) 1992-03-05

[11] **2,113,960**
[13] C

[51] **Int.Cl. 5G06F 15/64**
[25] EN
[54] **IMAGE SUPPLY APPARATUS, IMAGE OUTPUT APPARATUS, CONTROL APPARATUS THEREFOR, AND IMAGE FORMING SYSTEM HAVING THESE APPARATUSES**
[54] **APPAREIL DE TRANSMISSION D'IMAGES, APPAREIL DE PRODUCTION D'IMAGES, APPAREIL DE COMMANDE CONNEXE ET SYSTEME D'IMAGERIE UTILISANT CES APPAREILS**
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[72] Watanabe, Takashi, JP
[72] Yanaka, Toshiyuki, JP
[73] CANON KABUSHIKI KAISHA, JP
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[30] JP (5-13878) 1993-01-29
[30] JP (5-13945) 1993-01-29
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[11] **2,115,495**
[13] C

[51] **Int.Cl. 5A47J 37/12**
[25] FR
[54] **APPAREIL DE CHAUFFE POUR LA CUISSON OU LA FRITURE D'ALIMENTS COMPORTANT DES MOYENS DE PILOTAGE FIXES SUR UNE PLAQUE SUPPORT AMOVIBLE**
[54] **HEATING APPARATUS FOR COOKING OR FRYING FOOD COMPRISING FIXED CONTROL MEANS ON A REMOVABLE PLATE**
[72] Dumoux, Philippe, FR
[72] Federico, Dominique, FR
[72] Thevenin, Jean-Marie, FR
[73] SEB S.A., FR
[22] 1994-02-11
[30] FR (93 01962) 1993-02-15

[11] **2,118,119**
[13] C

[51] **Int.Cl. 6A61K 38/17 6A61K 38/19 6A61K 38/20**
[25] EN
[54] **METHODS FOR TREATING INTERLEUKIN-1 AND TUMOR NECROSIS FACTOR MEDIATED DISEASES**
[54] **METHODES DE TRAITEMENT DES AFFECTIONS MEDIEES PAR LE FACTEUR DE NECROSE TUMORALE ET L'INTERLEUKINE-1**
[72] Thompson, Robert C., US
[72] Russell, Deborah A., US
[73] AMGEN INC., US
[85] 1994-10-13
[86] 1993-04-28 (PCT/US93/04141)
[87] (WO93/21946)
[30] US (07/876,344) 1992-04-30

[11] **2,120,232**
[13] C

[51] **Int.Cl. 5G06F 9/40 5G06F 9/00**
[25] EN
[54] **SYSTEM FOR DIVIDING PROCESSING TASKS INTO SIGNAL PROCESSOR AND DECISION-MAKING MICROPROCESSOR INTERFACING**
[54] **SYSTEME POUR DIVISER DES TACHES DE TRAITEMENT ENTRE UN PROCESSEUR A SIGNAUX ET UN MICROPROCESSEUR DE PRISE DE DECISION**
[72] Robinson, Jeffrey I., US
[72] Rouse, Keith, US
[72] Krassowski, Andrew J., US
[72] Montlick, Terry F., US
[73] Star Semiconductor Corporation, US
[85] 1994-03-29
[86] 1992-10-14 (PCT/US92/08954)
[87] (WO93/08524)
[30] US (07/776,161) 1991-10-15

[11] **2,120,475**
[13] C

[51] **Int.Cl. 5A01J 7/00**
[25] EN
[54] **PIPE CONNECTING STRUCTURE TO BE USED FOR A MILK DELIVERY PIPE**
[54] **RACCORD POUR CANALISATIONS DE LAITERIE**
[72] Torgerson, Kevin Laverne, US
[72] Keeffe, Kevin Michael, US
[72] Schultz, David Arthur, US
[72] Matsuzawa, Minoru, JP
[73] ORION WESTFALLIA SURGE CO., LTD., JP
[22] 1994-03-29
[30] JP (05-97125) 1993-03-31
[30] JP (05-21336) 1993-03-31
[30] JP (05-21337) 1993-03-31

[11] **2,121,144**
[13] C

[51] **Int.Cl. 5C12N 15/10 5C07H 21/00 5C07H 23/00 5A61K 48/00 5C07H 19/04 5C12N 5/10 5C12P 19/34 5C12Q 1/68 5A61K 31/70**
[25] EN
[54] **OLIGONUCLEOTIDES HAVING CHIRAL PHOSPHORUS LINKAGES**
[54] **OLIGONUCLEOTIDES AYANT DES LIAISONS PHOSPHORE CHIRALES**
[72] Cook, Phillip Dan, US
[72] Hoke, Glenn Dale, Jr., US
[73] ISIS PHARMACEUTICALS, INC., US
[85] 1994-04-12
[86] 1992-10-14 (PCT/US92/08797)
[87] (WO93/08296)
[30] US (777,670) 1991-10-15
[30] US (777,007) 1991-10-16

[11] **2,121,672**
[13] C

[51] **Int.Cl. 5G06F 3/14**
[25] EN
[54] **SCALABLE THREE-DIMENSIONAL BORDERS**
[54] **ENCADREMENTS A NOMBRE DE PROCESSEURS VARIABLE POUR AFFICHAGE VIDEO**
[72] Butler, Laura J., US
[72] Grauman, Joyce A., US
[73] MICROSOFT CORPORATION, US
[22] 1994-04-19
[30] US (08/062,845) 1993-05-14

[11] **2,121,688**
[13] C

[51] **Int.Cl. 5A61B 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING TISSUE DAMAGE**
[54] **METHODE ET APPAREIL POUR TRAITER LES LESIONS TISSULAIRES**
[72] Argenta, Louis C., US
[72] Morykwas, Michael J., US
[73] WAKE FOREST UNIVERSITY, US
[85] 1994-04-19
[86] 1992-11-12 (PCT/US92/09649)
[87] (WO93/09727)
[30] US (07/792,001) 1991-11-14

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[11] **2,122,058**
[13] C

[51] **Int.Cl. 6A61K 38/18**
[25] EN
[54] **TGF-BETA TO IMPROVE NEURAL OUTCOME**
[54] **AMELIORATION DU DEVELOPPEMENT NEURONAL PAR LE TGF-BETA**
[72] Gluckman, Peter, NZ
[72] Nikolics, Karoly, US
[72] Williams, Christopher, NZ
[73] GENENTECH, INC., US
[73] AUCKLAND UNISERVICES LIMITED, NZ
[85] 1994-04-22
[86] 1992-11-20 (PCT/US92/09974)
[87] (WO93/09802)
[30] NZ (240,696) 1991-11-22

[11] **2,125,419**
[13] C

[51] **Int.Cl. 5C01G 30/02**
[25] EN
[54] **ZINC ANTIMONATE ANHYDRIDE AND METHOD FOR PRODUCING SAME**
[54] **ANTIMONATE DE ZINC ANHYDRE; METHODE DE PREPARATION**
[72] Watanabe, Yoshitane, JP
[72] Suzuki, Keitaro, JP
[72] Koyama, Yoshinari, JP
[73] Nissan Chemical Industries, Ltd., JP
[22] 1994-06-08

[11] **2,128,005**
[13] C

[51] **Int.Cl. 5E02D 17/08**
[25] EN
[54] **PROTECTIVE STRUCTURE FOR EXCAVATIONS**
[54] **OUVRAGE DE PROTECTION POUR EXCAVATIONS**
[72] Spencer, Dennis I., US
[73] Trench Shoring Systems, Inc., US
[85] 1994-07-12
[86] 1993-05-20 (PCT/US93/04824)
[87] (WO94/20694)
[30] US (08/030,788) 1993-03-12

[11] **2,129,661**
[13] C

[51] **Int.Cl. 5C12P 17/06 5C12P 13/00 5C12P 17/14 5C07C 69/30 5C07D 309/30 5C12P 7/42**
[25] EN
[54] **BIOCHEMICAL PURIFICATION OF SIMVASTATIN**
[54] **PURIFICATION BIOCHIMIQUE DE LA SIMVASTATINE**
[72] Cianciosi, Steven J., US
[72] Pisk, Eric T., US
[72] Conder, Michael J., US
[72] Tewalt, Gregory L., US
[73] MERCK & CO., INC., US
[85] 1994-08-05
[86] 1993-01-29 (PCT/US93/01042)
[87] (WO93/16188)
[30] US (832,545) 1992-02-07

[11] **2,132,180**
[13] C

[51] **Int.Cl. 5H04B 7/26**
[25] EN
[54] **MASSIVE ARRAY CELLULAR SYSTEM**
[54] **SYSTEME CELLULAIRE A RESEAU MASSIF**
[72] Pierobon, Victor, CA
[73] Pierobon, Victor, CA
[22] 1994-09-15

[11] **2,133,483**
[13] C

[51] **Int.Cl. 5H04L 12/56**
[25] EN
[54] **METHOD FOR ATM SWITCH CORE INTERFACE**
[54] **METHODE D'INTERFACAGE POUR NOYAU DE COMMUTATEUR MTA**
[72] MUNTER, ERNST AUGUST, CA
[73] NORTEL NETWORKS LIMITED, CA
[85] 1994-09-30
[86] 1993-03-24 (PCT/CA93/00118)
[87] (WO93/20634)
[30] US (07/863,827) 1992-04-06

[11] **2,135,934**
[13] C

[51] **Int.Cl. 5G01R 33/56**
[25] EN
[54] **MAGNETIC RESONANCE IMAGING USING PATTERN RECOGNITION**
[54] **IMAGERIE A RESONANCE MAGNETIQUE UTILISANT LA RECONNAISSANCE DE FORMES**
[72] Smith, Justin P., US
[73] UNIVERSITY OF WASHINGTON, US
[85] 1994-11-15
[86] 1993-05-13 (PCT/US93/04572)
[87] (WO93/23762)
[30] US (883,565) 1992-05-15

[11] **2,136,232**
[13] C

[51] **Int.Cl. 5G01R 31/00 5G01R 31/02**
[25] EN
[54] **TESTING PROCESS FOR THE QUALITY CONTROL OF ELECTROMAGNETICALLY ACTUATED SWITCHING DEVICES**
[54] **PROCEDURE D'ESSAI POUR LE CONTROLE DE LA QUALITE DANS LES INTERRUPTEURS ELECTROMAGNETIQUES**
[72] Noé, Ernst-Ludwig, DE
[72] Schwarz, Peter, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 1994-11-18
[86] 1993-05-18 (PCT/DE93/00433)
[87] (WO93/24845)
[30] DE (P 42 17 065.6) 1992-05-22
[30] DE (P 42 17 067.2) 1992-05-22
[30] DE (P 42 17 105.9) 1992-05-22

[11] **2,137,408**
[13] C

[51] **Int.Cl. 5F26B 3/20 5F26B 9/04**
[25] EN
[54] **A METHOD FOR DRYING WOOD PLATES USING HOT PLATES AND AN APPARATUS FOR CARRYING OUT THE METHOD**
[54] **METHODE POUR SECHER DES PLAQUES DE BOIS A L'AIDE DE PLAQUES CHAUFFANTES ET INSTALLATION POUR LA MISE EN OEUVRE DE CETTE METHODE**
[72] Yamamoto, Koichi, JP
[72] Nagamine, Hisayuki, JP
[73] Yamamoto Engineering Works Co., Ltd., JP
[22] 1994-12-06
[30] JP (340811/1993) 1993-12-08

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[11] **2,144,209**
[13] C

[51] **Int.Cl. 6A61N 5/06**
[25] EN
[54] **METHOD AND APPARATUS FOR AN EFFICIENT PHOTODYNAMIC TREATMENT**
[54] **METHODE ET APPAREIL POUR UN TRAITEMENT PHOTODYNAMIQUE EFFICACE**
[72] Talmore, Eli T., IL
[73] ESC Medical Systems Ltd., IL
[22] 1995-03-08
[30] IL (108,918) 1994-03-10

[11] **2,147,434**
[13] C

[51] **Int.Cl. 6A01K 89/00**
[25] EN
[54] **LINE TYPE INDICATOR FOR FISHING REEL**
[54] **INDICATEUR DE TYPE DE LIGNE DE PECHE POUR MOULINET**
[72] Forslund, Robert Lyle, US
[73] Zebco Division of Brunswick Corporation,
[22] 1995-04-20
[30] US (08/294,625) 1994-08-23

[11] * **2,148,626**
[13] C

[51] **Int.Cl. 6E04B 1/00**
[25] EN
[54] **VAPOR EXHAUST SYSTEM FOR USE IN BUILDING WALL CONSTRUCTION**
[54] **SYSTEME D'EVACUATION DE LA VAPEUR DESTINE A ETRE UTILISE DANS LA CONSTRUCTION D'UN MUR DE BATIMENT**
[72] Fitzgibbon, Chester M., US
[73] Fitzgibbon, Chester M., US
[22] 1995-05-04
[30] US (08/238,460) 1994-05-05

[11] **2,149,599**
[13] C

[51] **Int.Cl. 6A61K 7/48 6A61K 7/06**
[25] FR
[54] **COMPOSITIONS COSMETIQUES CONTENANT UN COPOLYMER BLOC LINEAIRE POLYSILOXANE-POLYOXYALKYLENE, UN AGENT DE CONDITIONNEMENT INSOLUBLE NON VOLATILE ET UN ALCOOL HYDROSOLUBLE, ET LEURS UTILISATIONS**
[54] **COSMETIC COMPOSITIONS CONTAINING A POLYSILOXANE-POLYOXYALKYLENE LINEAR BLOCK COPOLYMER, A NON-VOLATILE NON-SOLUBLE CONDITIONING AGENT AND A WATER-SOLUBLE ALCOHOL, AND USES OF THEREOF**
[72] Dupuis, Christine, FR
[73] L'OREAL, FR
[22] 1995-05-17
[30] FR (94 06 395) 1994-05-26

[11] **2,149,600**
[13] C

[51] **Int.Cl. 6G01N 21/21 6G01N 21/55**
[25] FR
[54] **PROCEDE POUR LA DETERMINATION DE GRANDEURS CARACTERISTIQUES DU COMPORTEMENT D'UNE SURFACE, NOTAMMENT DE LA PEAU HUMAINE, SOUMISE A UN RAYONNEMENT LUMINEUX, ET APPAREIL POUR SA MISE EN OEUVRE**
[54] **PROCESS FOR IDENTIFYING TYPICAL QUANTITIES OF THE BEHAVIOUR OF A SURFACE, ESPECIALLY HUMAN SKIN, WHEN SUBMITTED TO LUMINOUS RADIATION, AND APPARATUS FOR ITS IMPLEMENTATION**
[72] Guiolet, Alain, FR
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[72] Leveque, Jean-Luc, FR
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[13] C

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[13] C

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[13] C

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AND EXCELLENT LOW
TEMPERATURE TOUGHNESS**
[54] **ACIER DE CANALISATION
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[13] C

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[11] **2,192,427**
[13] C

[51] **Int.Cl. 6E04C 2/10**
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[13] C

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[54] **CEMENTITIOUS GYPSUM-
CONTAINING FIBER-CONTAINING
COMPOSITIONS AND MATERIALS
MADE THEREFROM**
[54] **COMPOSITIONS CIMENAIRES
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[51] **Int.Cl. 6C07K 7/08 6C07K 7/02
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[13] C

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[51] **Int.Cl. 6A61L 15/18 6A61L 15/46**
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[54] **LA BENTONITE COMME MATERIAU DE REDUCTION DES ODEURS**
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[13] C
[51] **Int.Cl. 6C08J 9/12 6B29B 7/38**
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[54] **COMMUTATEUR A GLISSIERE A DECLIC**
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[11] **2,199,397**
[13] C
[51] **Int.Cl. 6B29C 47/00 6A21C 11/10**
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[54] **APPAREIL D'EXTRUSION ET PROCEDE DE PRODUCTION DE FORMES EN TROIS DIMENSIONS**
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[73] THE QUAKER OATS COMPANY, US
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[87] (WO96/28034)
[30] US (404,795) 1995-03-15

[11] **2,199,437**
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[51] **Int.Cl. 6G06T 15/00**
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[72] RUCKLIDGE, William J., US
[73] XEROX CORPORATION, US
[22] 1997-03-07
[30] US (08/652,864) 1996-05-23

[11] **2,199,506**
[13] C
[51] **Int.Cl. 6H01S 3/19 6H01S 3/06**
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[54] **FIBRE OPTIQUE COMPORTANT DES POINTS QUANTIQUES**
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[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 1997-03-07
[86] 1995-09-29 (PCT/GB95/02322)
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[11] **2,199,553**
[13] C
[51] **Int.Cl. 6B65D 6/02 6B65D 6/36**
[25] EN
[54] **METAL CONTAINER HAVING RESILIENT INTERFACE RING**
[54] **RECIPIENT DE METAL A ANNEAU DE RACCORDEMENT ELASTIQUE**
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[73] J. L. Clark, Inc., US
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[51] **Int.Cl. 6F25D 23/02**
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[54] **PORTE DE REFRIGERATEUR RENFORCEE ET METHODE D'ASSEMBLAGE**
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[73] MAYTAG CORPORATION, US
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[54] **METHODE ET APPAREIL DE MISE
EN PRODUCTION D'UN GISEMENT**
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[72] RIDLEY, Rodney K., CA
[73] ALBERTA RESEARCH COUNCIL
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[22] 1997-03-21
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[73] ROLFLEX NEDERLAND B.V., NL
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[25] EN
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[54] **CIRCUIT D'ESSAI DE MARCHE
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D'ALARME**
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[72] PETERSON, John, CA
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[13] C

[51] **Int.Cl. 6D06M 15/19**
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CONCENTRATED FABRIC
SOFTENERS**
[54] **COPOLYMERES SEQUENCES
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[72] PLUYTER, Johan Gerwin Lodewijk, US
[73] THE PROCTER & GAMBLE
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[13] C

[51] **Int.Cl. 6A22C 7/00 6B65G 57/09**
[25] EN
[54] **METHOD OF HANDLING
MOULDS CONTAINING MEAT
PRODUCTS AND PLANT FOR THE
EXECUTION OF THE METHOD**
[54] **PROCEDE DE MANIPULATION DE
MOULES CONTENANT DES PRODUITS
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[72] ELIMAR, Kjeld, DK
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[30] DK (1141/94) 1994-09-30

[11] **2,202,383**
[13] C

[51] **Int.Cl. 6C09J 131/02 6C09J 9/00
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[54] **POUDRE DE COLLE A BOIS**
[72] SELIG, Manfred, DE
[72] SCHILLING, Bernd, DE
[72] FIGGE, Rainer, DE
[73] Wacker-Chemie GmbH, DE
[85] 1997-04-10
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[30] DE (P 44 43 738.2) 1994-12-08

[11] **2,202,507**
[13] C

[51] **Int.Cl. 6C11D 3/50**
[25] EN
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[54] **COMPOSITIONS DETERGENTES
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PERSISTANT**
[72] BACON, Dennis Ray, US
[72] TRINH, Toan, US
[73] THE PROCTER & GAMBLE
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[30] US (326,456) 1994-10-20

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[13] C

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[72] JUDY, Arthur F., US
[72] REFI, James Joseph, US
[73] LUCENT TECHNOLOGIES INC., US
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[11] **2,203,577**
[13] C

[51] **Int.Cl. 6H04Q 3/66 6H04N 7/173**
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[54] **METHOD FOR DYNAMIC
ALLOCATION OF VOICE AND IMAGE
COMPRESSION**
[54] **METHODE DE REPARTITION
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[72] JAVITT, Joel I., US
[73] AT&T CORP., US
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[54] **SEQUENCES DE NUCLEOTIDES MEDIATRICES DE LA FERTILITE MALE ET PROCEDES D'UTILISATION CORRESPONDANTS**
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[72] HOWARD, John, US
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[51] **Int.Cl. 6B65H 19/22**
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[54] **SYSTEME D'ENROULEMENT AVEC UN RAIL DE SUPPORT DU MANDRIN MONTE EN HAUTEUR**
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[73] BELOIT TECHNOLOGIES, INC., US
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[87] (WO96/15059)
[30] US (08/339,046) 1994-11-14

[11] **2,205,729**
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[72] CAMERON, Gordon M., CA
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[13] C
[51] **Int.Cl. 6B26B 13/10**
[25] EN
[54] **EDGING SCISSORS WITH GUIDES**
[54] **CISEAUX A DECOUPES AVEC GUIDES**
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[72] CORNELL, Robert W., US
[73] ALTERRA HOLDINGS CORPORATION, US
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[30] US (08/666,939) 1996-06-19

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[51] **Int.Cl. 6B26B 3/08**
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[72] STUDER, Richard L., US
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[30] US (08/656,060) 1996-05-31

[11] **2,207,504**
[13] C
[51] **Int.Cl. 6H04J 14/08**
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[54] **NODE IN OPTICAL TDM NETWORK**
[54] **NOEUD DANS RESEAU DE COMMUNICATION OPTIQUE A MULTIPLEXAGE PAR REPARTITION DANS LE TEMPS**
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[72] ELLIS, Andrew David, GB
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 1997-06-11
[86] 1995-12-21 (PCT/GB95/03017)
[87] (WO96/20545)
[30] EP (94309761.8) 1994-12-23

[11] **2,208,382**
[13] C
[51] **Int.Cl. 6H04B 1/26 6H04B 1/18**
[25] EN
[54] **RADIO COMMUNICATION APPARATUS HAVING A HIGH RECEIVING SENSITIVITY**
[54] **APPAREIL DE RADIOCOMMUNICATION AYANT UNE SENSIBILITE DE RECEPTION ELEVEE**
[72] SAITO, Atsushi, JP
[73] NEC CORPORATION, JP
[22] 1997-06-20
[30] JP (161534/1996) 1996-06-21

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[13] C
[51] **Int.Cl. 6D01F 8/12**
[25] EN
[54] **POLYAMIDE/POLYOLEFIN BICOMPONENT FIBERS AND METHODS OF MAKING SAME**
[54] **FIBRES BICOMPOSANTES POLYAMIDE-POLYOLEFINE ET METHODES DE FABRICATION DE CES DERNIERES**
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[72] BURTON, Wendel L., US
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[30] US (08/725,420) 1996-10-03

[11] **2,208,639**
[13] C
[51] **Int.Cl. 6C07D 491/22 6C07D 491/147 6A61K 31/47 6A61K 31/535**
[25] EN
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[54] **DERIVES DE CAMPTOTHECINE ET LEUR PROCEDE DE FABRICATION**
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[72] JEW, Sang Sup, KR
[72] LEE, Hee Soon, KR
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[72] LEE, Kwang Kyun, KR
[72] KIM, Jong Min, KR
[72] KIM, Joon Kyum, KR
[72] KIM, Hee Jin, KR
[73] CHONG KUN DANG CORP., KR
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[73] LUCENT TECHNOLOGIES INC., US
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[25] EN
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[73] AT&T CORP., US
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[30] US (775,915) 1997-01-02

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[13] C

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[72] CLARE, Jonathan Richard, GB
[72] BROWN, Carolyn Jayne, BE
[73] THE PROCTER & GAMBLE COMPANY, US
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[87] (WO96/21718)
[30] GB (9500737.3) 1995-01-14

[11] **2,211,168**
[13] C

[51] **Int.Cl. 6B65D 5/43**
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[54] **BOITE A FERMETURE AUTOMATIQUE AMELIOREE**
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[72] ROBINSON, H. English Jr., US
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[11] **2,211,198**
[13] C

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[54] **DISPERSIONS AQUEUSES DE RESINES PHENOLIQUES**
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[72] BOURLIER, Ken A., US
[73] GEORGIA-PACIFIC RESINS, INC., US
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[87] (WO96/23028)
[30] US (08/377,735) 1995-01-25

[11] **2,212,281**
[13] C

[51] **Int.Cl. 6D06C 23/02 6D06C 5/00**
[25] EN
[54] **AN IMPROVED WORKING METHOD TO GIVE A WORN-OUT ASPECT TO ARTICLES OF CLOTHING AND AN IMPROVED MACHINE SUITED TO CARRY OUT SUCH A METHOD**
[54] **PROCEDE AMELIORE VISANT A DONNER UN ASPECT USAGE A DES VETEMENTS ET MACHINE AMELIOREE A CET USAGE**
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[87] (WO96/24715)
[30] IT (VI95A000020) 1995-02-06

[11] **2,212,939**
[13] C

[51] **Int.Cl. 6G06F 3/14 6G09G 5/00**
[25] EN
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[11] **2,213,372**
[13] C

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[25] EN
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[54] **OPAQUE PHOTOPOLYMERISABLE**
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[72] RHEINBERGER, Volker, LI
[72] ZANGHELLINI, Gerhard, LI
[73] IVOCLAR AG, LI
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[30] DE (196 34 460.3) 1996-08-26
[30] DE (196 35 667.9) 1996-09-03

[11] **2,213,502**
[13] C

[51] **Int.Cl. 6F04B 17/04 6F04B 53/14**
[25] EN
[54] **ELECTROMAGNETICALLY DRIVEN RECIPROCATING PUMP WITH FLUTED PISTON**
[54] **POMPE A MOUVEMENT ALTERNATIF A ENTRAINEMENT ELECTROMAGNETIQUE ET A PISTON CANNELE**
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[72] SMITH, Robert B., US
[72] SULLIVAN, Paul J., US
[73] PUMPWORKS, INC., US
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[13] C

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[54] **OPERATION PRECISE DE TELECOMMANDE DE FREQUENCE UTILISANT UN OSCILLATEUR A COMMANDE NUMERIQUE**
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[22] 1997-08-21
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[11] **2,214,713**
[13] C

[51] **Int.Cl. 6A61K 31/12 6A01N 35/02**
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[73] RESEARCH CORPORATION TECHNOLOGIES, INC., US
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[86] 1996-03-19 (PCT/US96/03750)
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[11] **2,217,021**
[13] C

[51] **Int.Cl. 6F15B 13/06 6E02F 9/22**
[25] EN
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[54] **CIRCUIT HYDRAULIQUE POUR EQUIPEMENTS HYDRAULIQUES**
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[13] C

[51] **Int.Cl. 6H01R 4/30**
[25] EN
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[54] **DISPOSITIF DE RACCORDEMENT DE CABLE PAR EPISSURE**
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[72] BEVIS, Arthur, CA
[73] TORONTO HYDRO-ELECTRIC SYSTEM LIMITED, CA
[85] 1997-08-22
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[87] (WO96/26557)
[30] US (08/393,645) 1995-02-24

[11] **2,216,007**
[13] C

[51] **Int.Cl. 6B65D 1/02 6A45D 34/00 6B65D 23/00**
[25] FR
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[54] **CONTAINER WITH STRIP(S) OF DIFFERENT COLOUR OR APPEARANCE**
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[73] L'OREAL, FR
[22] 1997-10-06
[30] FR (96 12 198) 1996-10-07

[11] **2,217,971**
[13] C

[51] **Int.Cl. 6F24D 5/04**
[25] EN
[54] **HEATING UNIT**
[54] **CORPS DE CHAUFFE**
[72] URCH, John Francis, AU
[73] ECO AIR LIMITED, AU
[85] 1997-10-09
[86] 1996-03-28 (PCT/AU96/00176)
[87] (WO96/32611)
[30] AU (PN 2370) 1995-04-12
[30] AU (PN 2640) 1995-04-28

[11] **2,214,163**
[13] C

[51] **Int.Cl. 6H04L 27/00 6H04L 27/14 6H04L 27/22**
[25] EN
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[54] **METHODE ET APPAREIL DE DEMODULATION SANS PREAMBULE**
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[73] NEC CORPORATION, JP
[22] 1997-08-28
[30] JP (255978/1996) 1996-09-27

[11] **2,216,427**
[13] C

[51] **Int.Cl. 6H04N 1/32 6H04L 12/54**
[25] EN
[54] **ELECTRONIC MAIL CONVERTING APPARATUS FOR FACSIMILE**
[54] **APPAREIL DE CONVERSION FAX/ COURRIER ELECTRONIQUE POUR TELECOPIEUR**
[72] OKUTOMI, Hiroshi, JP
[72] SAWADA, Toshihisa, JP
[72] TOYODA, Kiyoshi, JP
[73] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP
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[86] 1997-03-06 (PCT/JP97/00695)
[87] (WO97/39568)
[30] JP (8-096520) 1996-04-18

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

[51] **Int.Cl. 6B65B 21/02**
[25] EN
[54] **METHOD AND APPARATUS FOR LOADING CONTAINERS INTO OPEN-BOTTOMED BASKET-STYLE CARRIER**
[54] **PROCEDE ET APPAREIL DE MISE EN PLACE DE RECIPIENTS DANS DES STRUCTURES PORTEUSES DE TYPE PANIER A FOND OUVERT**
[72] ROBINSON, Glenn, US
[72] CULPEPPER, Will L., US
[73] THE MEAD CORPORATION, US
[85] 1997-10-10
[86] 1996-04-15 (PCT/US96/05158)
[87] (WO96/32324)
[30] US (08/421,113) 1995-04-13
[30] US (08/450,323) 1995-05-25

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[11] **2,218,372**
[13] C

[51] **Int.Cl. 6C12N 15/24 6A61K 48/00 6A61K 38/20 6C07K 14/54 6A61K 31/70**
[25] EN
[54] **ANTAGONISTS OF HUMAN INTERLEUKIN-6 THAT ARE TOTALLY INCAPABLE OF BINDING GP 130, AND THEIR USE IN THE PREPARATION OF PHARMACEUTICAL COMPOUNDS**
[54] **ANTAGONISTES DE L'INTERLEUKINE-6 HUMAINE TOTALEMENT INCAPABLES DE SE LIER A LA GP130 ET LEUR UTILISATION POUR L'ELABORATION DE COMPOSES PHARMACEUTIQUES**
[72] SAVINO, Rocco, IT
[72] CILIBERTO, Gennaro, IT
[72] PAONESSA, Giacomo, IT
[73] Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A., IT
[85] 1997-10-16
[86] 1996-04-26 (PCT/IT96/00084)
[87] (WO96/34104)
[30] IT (RM95A000273) 1995-04-28

[11] **2,218,571**
[13] C

[51] **Int.Cl. 6H05K 7/14 6H05K 9/00**
[25] EN
[54] **MODULE SUPPORT STRUCTURE**
[54] **BATI MODULAIRE**
[72] GUNTHER, Hans-Ulrich, DE
[72] JOIST, Michael, DE
[72] PFEIFER, Klaus, DE
[72] THALAU, Klaus-Michael, DE
[72] MAZURA, Paul, DE
[72] HAAG, Volker, DE
[72] WEISS, Udo, DE
[73] Schroff GmbH, DE
[22] 1997-10-16
[30] DE (196 44 420.9) 1996-10-25

[11] **2,218,663**
[13] C

[51] **Int.Cl. 6C07D 261/20 6C07D 403/04 6C07D 413/04 6A61K 31/495 6A61K 31/55 6C07D 231/56**
[25] EN
[54] **BENZISOXAZOLE AND INDAZOLE DERIVATIVES AS ANTIPSYCHOTIC AGENTS**
[54] **DERIVES DE BENZISOXAZOLE ET D'INDAZOLE UTILISES COMME AGENTS NEUROLEPTIQUES**
[72] NEMOTO, Peter A., US
[72] PALERMO, Mark G., US
[72] MARTIN, Lawrence L., US
[73] AVENTIS PHARMACEUTICALS INC., US
[85] 1997-10-20
[86] 1996-05-14 (PCT/US96/06851)
[87] (WO96/39397)
[30] US (08/470,400) 1995-06-06

[11] **2,218,844**
[13] C

[51] **Int.Cl. 6B62D 53/04**
[25] EN
[54] **DRAGLINE BUCKET TRANSPORTER AND METHOD OF USE**
[54] **TRANSPORTEUR DE GODET DE DRAGUEUSE ET METHODE D'UTILISATION**
[72] SMITH, Francis V., US
[72] SPIELMAN, Harold W., CA
[73] Towhaul Corporation, US
[22] 1997-10-22
[30] US (08/946,165) 1997-10-07

[11] **2,219,270**
[13] C

[51] **Int.Cl. 6H04B 7/22 6H04L 9/00**
[25] EN
[54] **ENCRYPTION FOR MODULATED BACKSCATTER SYSTEMS**
[54] **CHIFFREMENT POUR SYSTEMES A MODULATION DE SIGNAUX RETRODIFFUSES**
[72] VANNUCCI, Giovanni, US
[72] MACLELLAN, John Austin, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1997-10-23
[30] US (777,832) 1996-12-31

[11] **2,219,405**
[13] C

[51] **Int.Cl. 6B60D 1/24**
[25] EN
[54] **WEIGHT DISTRIBUTION HITCH ASSEMBLY**
[54] **ATTELAGE REPARTITEUR DE CHARGE**
[72] SCHMIDT, Kenneth R., US
[73] DRAW-TITE, INC., US
[22] 1997-10-27
[30] US (60/029,361) 1996-10-28

[11] **2,219,848**
[13] C

[51] **Int.Cl. 6A61N 1/14 6H05F 3/00 6H05F 3/02**
[25] EN
[54] **STATIC ELECTRICITY DISSIPATION GARMENT**
[54] **VETEMENT ELIMINATEUR D'ELECTRICITE STATIQUE**
[72] BANKS, David L., US
[73] BANKS, David L., US
[22] 1997-11-21
[30] US (08/777,167) 1996-12-26
[30] US (08/950,096) 1997-10-14

[11] **2,220,061**
[13] C

[51] **Int.Cl. 6A61K 7/16 6C01B 33/193**
[25] EN
[54] **DENTIFRICE COMPOSITIONS**
[54] **COMPOSITIONS DENTIFRICES**
[72] RICE, David Earl, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-10-31
[86] 1996-04-19 (PCT/US96/05499)
[87] (WO96/34594)
[30] US (434,149) 1995-05-02

[11] **2,220,210**
[13] C

[51] **Int.Cl. 6F01N 3/24 6F01N 3/02 6F01N 7/14 6F01N 3/30**
[25] EN
[54] **DIESEL EXHAUST CONDITIONING SYSTEM**
[54] **SYSTEME DE CONDITIONNEMENT DE GAZ D'ECHAPPEMENT DIESEL**
[72] ROHRBAUGH, David, US
[73] ROHRBAUGH, David, US
[22] 1997-11-04
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[13] C
[51] **Int.Cl. 6E21B 23/01**
[25] EN
[54] **TQR ANCHOR**
[54] **DISPOSITIF D'ANCRAGE A**
ROULEAUX
[72] GOSSE, DARRYL, CA
[73] Variperm (Canada) Limited, CA
[22] 1997-11-07

[11] **2,220,482**
[13] C
[51] **Int.Cl. 6G08B 3/00 6G08B 5/00**
6G08C 17/02
[25] EN
[54] **SOUND ACTIVATED**
TRANSMITTER
[54] **EMETTEUR A ACTIVATION**
SONORE
[72] PALEY, Gary, US
[72] WAUGH, David T., US
[72] ORLOFF, Leslie M., US
[73] FRED M. SCHILDWACHTER &
SONS, INC., US
[85] 1997-11-07
[86] 1996-05-06 (PCT/US96/06360)
[87] (WO96/36027)
[30] US (08/438,530) 1995-05-10

[11] **2,221,282**
[13] C
[51] **Int.Cl. 6G06K 19/073**
[25] EN
[54] **CARD TYPE RECORDING**
MEDIUM, CERTIFYING METHOD AND
APPARATUS FOR THE RECORDING
MEDIUM, FORMING SYSTEM FOR
RECORDING MEDIUM, ENCRYPTING
SYSTEM, DECODER THEREFOR, AND
RECORDING MEDIUM
[54] **CARTE D'ENREGISTREMENT,**
METHODE D'ATTESTATION,
APPAREIL ET SYSTEME DE
FORMATION POUR UN SUPPORT
D'ENREGISTREMENT, SYSTEME DE
CHIFFREMENT, DECODEUR POUR CE
DERNIER ET SUPPORT
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[72] TAKAI, Kazuhito, JP
[72] FUJIHARA, Shiro, JP
[73] NEC CORPORATION, JP
[22] 1997-11-19
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[30] JP (357504/1996) 1996-12-27
[30] JP (020602/1997) 1997-02-03

[11] **2,221,317**
[13] C
[51] **Int.Cl. 6H04N 5/21 6H04N 7/015**
6H04N 11/24
[25] EN
[54] **DETECTION OF CO-CHANNEL**
INTERFERENCE IN DIGITAL
TELEVISION SIGNALS
[54] **DETECTION DE BROUILLAGE**
DANS LA MEME VOIE DANS DES
SIGNAUX DE TELEVISION
NUMERIQUES
[72] NIELSEN, Larry E., US
[72] SGRIGNOLI, Gary J., US
[73] Zenith Electronics Corporation, US
[85] 1997-11-17
[86] 1996-06-03 (PCT/US96/08402)
[87] (WO96/41466)
[30] US (08/475,713) 1995-06-07

[11] **2,221,339**
[13] C
[51] **Int.Cl. 6G01C 25/00 6G11B 23/00**
6G01C 21/00 6G01P 21/00
[25] EN
[54] **METHOD AND APPARATUS FOR**
NAVIGATING WITH CORRECTION OF
ANGULAR SPEED USING AZIMUTH
DETECTION SENSOR
[54] **METHODE ET APPAREIL DE**
NAVIGATION A CORRECTION DE LA
VITESSE ANGULAIRE UTILISANT UN
CAPTEUR D'AZIMUT
[72] OSHIZAWA, Hidekazu, US
[72] SAKAKIBARA, Toshikazu, US
[72] TANIGUCHI, Noboru, US
[73] VISTEON TECHNOLOGIES, LLC, US
[22] 1997-11-17
[30] US (08/754,484) 1996-11-22

[11] **2,221,918**
[13] C
[51] **Int.Cl. 6A47K 10/20 6B65D 85/16**
[25] EN
[54] **A FLEXIBLE POUCH AND RE-**
USABLE DISPENSING DEVICE
[54] **SAC SOUPLE ET DISTRIBUTEUR**
REUTILISABLE
[72] BURKE, Kim Marie, US
[72] BERG, Charles John, US
[72] BITOWFT, Bruce Kevin, DE
[72] BAUER, Richard Bernd, DE
[72] FRANK, Martin Werner, DE
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 1997-11-21
[86] 1996-04-19 (PCT/US96/05337)
[87] (WO96/37138)
[30] EP (95108056.3) 1995-05-26

[11] **2,222,891**
[13] C
[51] **Int.Cl. 6D06B 5/08**
[25] EN
[54] **APPARATUS AND METHOD OF**
FABRIC CLEANING
[54] **APPAREIL ET PROCEDE DE**
NETTOYAGE POUR TOILE SECHEUSE
[72] CARSTENSEN, Peter T., US
[72] PANARELLO, Salvatore C., US
[72] NEUN, John A., US
[73] THERMO FIBERTEK INC., US
[85] 1997-12-01
[86] 1996-03-11 (PCT/US96/03215)
[87] (WO97/02380)
[30] US (08/498,909) 1995-07-06

[11] **2,223,997**
[13] C
[51] **Int.Cl. 6A23D 7/00**
[25] EN
[54] **EDIBLE PLASTIC SPREAD**
[54] **PRODUIT COMESTIBLE**
MALLEABLE A TARTINER
[72] SASSEN, Cornelis Laurentius, NL
[72] DE VRIES, Isabel, NL
[72] DE JONG, Jeroen P.J., GB
[72] VAN MEETEREN, Johanna Antonia,
NL
[73] UNILEVER PLC, GB
[85] 1997-12-05
[86] 1996-05-29 (PCT/EP96/02294)
[87] (WO96/39855)
[30] EP (95201493.4) 1995-06-07
[30] EP (95202095.6) 1995-08-01

[11] **2,224,274**
[13] C
[51] **Int.Cl. 6A61K 33/00 6A61K 7/16**
6A61K 9/68
[25] EN
[54] **REMINERALIZING PRODUCTS**
AND METHODS FOR TEETH
[54] **PRODUITS ET PROCEDES DE**
REMINERALISATION DES DENTS
[72] WINSTON, Anthony E., US
[72] USEN, Norman, US
[73] ENAMELON, INC., US
[85] 1997-12-10
[86] 1996-08-02 (PCT/US96/12456)
[87] (WO97/06774)
[30] US (08/512,286) 1995-08-08
[30] US (08/512,473) 1995-08-08

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[13] C

[51] **Int.Cl. 6B05B 7/00 6C10B 55/00**
[25] EN
[54] **NOZZLE FOR ATOMIZING LIQUID IN TWO PHASE FLOW**
[54] **BUSE D'ATOMISATION DE LIQUIDES EN FLUX DIPHASIQUE**
[72] KENNETT, R. Douglas, CA
[72] CHAN, Edward W., CA
[72] EMBERLEY, Douglas A., CA
[72] BASE, Terence E., CA
[72] JONASSON, KEVIN, CA
[72] McCRACKEN, THOMAS WILLIAM, CA
[72] BENNETT, ADAM J., CA
[73] MOCAL ENERGY LIMITED, JP
[73] IMPERIAL OIL RESOURCES, CA
[73] AEC OIL SANDS, L.P., CA
[73] AEC OIL SANDS LIMITED PARTNERSHIP, CA
[73] ATHABASCA OIL SANDS INVESTMENTS INC., CA
[73] CANADIAN OIL SANDS INVESTMENTS INC., CA
[73] CANADIAN OCCIDENTAL PETROLEUM LTD., CA
[73] GULF CANADA RESOURCES LIMITED, CA
[73] MURPHY OIL COMPANY LTD., CA
[73] PETRO-CANADA, CA
[22] 1997-12-11

[11] **2,225,464**
[13] C

[51] **Int.Cl. 6F16L 9/02 6F16L 58/00 6C23C 18/31**
[25] EN
[54] **INTERNALLY TIN-COATED COPPER PIPE AND METHOD FOR COATING A COPPER PIPE**
[54] **TUYAU DE CUIVRE DONT L'INTERIEUR EST ETAME ET METHODE D'ETAMAGE**
[72] REITER, Ullrich, DE
[72] BAUKLOH, Achim, DE
[73] KM Europa Metal AG, DE
[22] 1997-12-19
[30] DE (196 53 765.7) 1996-12-23

[11] **2,225,611**
[13] C

[51] **Int.Cl. 6C12N 15/55 6C12N 9/22 6C12Q 1/68**
[25] EN
[54] **NOVEL INSERTION SEQUENCE FROM A VIRULENT ISOLATE OF BURKHOLDERIA CEPACIA, AND DIAGNOSTIC AND IDENTIFICATION PROCEDURES BASED THEREON**
[54] **NOUVELLE SEQUENCE D'INSERTION A PARTIR D'UN ISOLAT VIRULENT DE BURKHOLDERIA CEPACIA, ET PROCEDURES DE DIAGNOSTIC ET D'IDENTIFICATION BASEES SUR LADITE SEQUENCE**
[72] JOHNSON, Wendy M., CA
[72] ROZEE, Kenneth R., CA
[72] TYLER, Shaun D., CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA
[85] 1997-12-23
[86] 1996-08-16 (PCT/CA96/00550)
[87] (WO97/07237)
[30] US (60/002,398) 1995-08-17

[11] **2,225,686**
[13] C

[51] **Int.Cl. 6B01D 35/30 6B01D 35/147 6B01D 29/15**
[25] EN
[54] **REUSABLE FLUID FILTER AND ADAPTER**
[54] **FILTRE A FLUIDE REUTILISABLE, AVEC ADAPTATEUR**
[72] SMITH, Gerald F., US
[72] ELLIS, William J., US
[73] VORTEX INTERNATIONAL, LLC, US
[85] 1997-12-23
[86] 1996-06-27 (PCT/US96/11195)
[87] (WO97/01385)
[30] US (08/496,021) 1995-06-28

[11] **2,226,030**
[13] C

[51] **Int.Cl. 6F16K 41/12 6B60T 15/02 6F16K 5/08**
[25] EN
[54] **DISC DIAPHRAGM FOR AN INTEGRATED COCK VALVE**
[54] **ENSEMBLE DISQUE-MEMBRANE POUR ROBINET INTEGRE**
[72] KUSHNIR, Lawrence M., Jr., US
[72] STREITMAN, Lawrence R., US
[72] MARKOS, Ronald M., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1997-12-31
[30] US (896,464) 1997-07-18

[11] **2,227,495**
[13] C

[51] **Int.Cl. 6H04N 7/50**
[25] EN
[54] **VIDEO CODER EMPLOYING PIXEL TRANSPOSITION**
[54] **CODEUR VIDEO UTILISANT LA TRANSPOSITION DE PIXELS**
[72] PURI, Atul, US
[72] HASKELL, Barin Geoffry, US
[72] SCHMIDT, Robert Lewis, US
[73] AT&T CORP., US
[22] 1998-01-20
[30] US (60/038,017) 1997-02-14
[30] US (08/948,780) 1997-10-10

[11] **2,228,057**
[13] C

[51] **Int.Cl. 6G09F 13/00**
[25] EN
[54] **COMPOSITE PANNELLING MATERIALS FOR DISPLAYING BACK-LIT GRAPHICS AND COLOURS**
[54] **MATERIAUX COMPOSITES POUR PANNEAUX SERVANT A L'AFFICHAGE DE GRAPHIQUES ET DE COULEURS ECLAIRES PAR L'ARRIERE**
[72] LEACH, James R., CA
[72] CASS, S. Thornton, CA
[73] CRAFT ORIGINATORS INC., CA
[22] 1998-01-28

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[13] C

[51] **Int.Cl. 6A23C 19/05 6A01J 25/00**
[25] EN
[54] **APPARATUS FOR MIXING FLUIDS AND METHOD OF USE IN PRECHEESE FORMATION**
[54] **APPAREIL A MELANGER DES LIQUIDES ET SON MODE D'UTILISATION DANS LA CONFECTION DE PRE-FROMAGE**
[72] TORTOSA, Pedro J., US
[73] TORTOSA, Pedro J., US
[85] 1998-02-11
[86] 1996-08-09 (PCT/US96/12763)
[87] (WO97/06692)
[30] US (60/002,155) 1995-08-11
[30] US (08/694,229) 1996-08-08

[11] **2,229,323**
[13] C

[51] **Int.Cl. 6G03G 15/08 6G03G 13/08 6G03G 13/095 6G03G 15/095 6G03G 13/22**
[25] EN
[54] **COATED DEVELOPMENT ELECTRODES AND METHODS THEREOF**
[54] **ELECTRODES DE DEVELOPPEMENT ENDUITES D'UN REVETEMENT ET METHODES D'APPLICATION**
[72] SCHANK, Richard L., US
[72] KITTELBERGER, J. Stephen, US
[72] VANDUSEN, John G., US
[72] AHUJA, Suresh K., US
[72] SCHARFE, Merlin E., US
[72] HIRSCH, Mark J., US
[72] BADESHA, Santokh S., US
[72] GUTMAN, Edward J., US
[72] LAING, John R., US
[72] HENRY, Arnold W., US
[72] HEEKS, George J., US
[73] XEROX CORPORATION, US
[22] 1998-02-12
[30] US (08/841,033) 1997-04-29

[11] **2,229,634**
[13] C

[51] **Int.Cl. 6B65H 3/06 6B65H 7/12 6B65H 5/24**
[25] EN
[54] **A DEVICE FOR PRODUCING A SCALED STREAM WITH A CONTROLLABLE SCALED-STREAM THICKNESS**
[54] **DISPOSITIF POUR PRODUIRE UN FLUX DE NAPPES D'EPaisseur VARIABLE**
[72] BATZER, Josef, DE
[72] ZIMMERMANN, Karl, DE
[72] HELMSTÄDTER, Maximilian, DE
[73] BOWE SYSTEC AG, DE
[85] 1998-02-16
[86] 1997-02-13 (PCT/EP97/00678)
[87] (WO97/30919)
[30] DE (196 06 832.0) 1996-02-23

[11] **2,229,761**
[13] C

[51] **Int.Cl. 6C12N 1/26 6C12S 1/00 6C12S 13/00 6B09C 1/10**
[25] EN
[54] **BIODEGRADATION OF OIL SLUDGE**
[54] **BIODEGRADATION DE BOUES D'HYDROCARBURES**
[72] WARD, OWEN P., CA
[72] SINGH, AJAY, CA
[73] PETROZYME TECHNOLOGIES INC., CA
[22] 1998-02-17
[30] CA (2,199,204) 1997-03-05

[11] **2,229,815**
[13] C

[51] **Int.Cl. 6H04B 7/00 6H04Q 7/22**
[25] EN
[54] **METHOD AND APPARATUS FOR POWER CONTROL OF A FIRST CHANNEL BASED ON A SIGNAL QUALITY OF A SECOND CHANNEL**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE PUISSANCE D'UN PREMIER CANAL BASE SUR LA QUALITE DU SIGNAL D'UN DEUXIEME CANAL**
[72] MENICH, Barry J., US
[72] LOVE, Robert T., US
[73] MOTOROLA, INC., US
[85] 1998-02-18
[86] 1997-03-27 (PCT/US97/05338)
[87] (WO98/00928)
[30] US (08/672,703) 1996-06-28

[11] **2,230,267**
[13] C

[51] **Int.Cl. 6H04M 3/42 6G10L 3/00 6H04M 11/00**
[25] EN
[54] **TRANSACTION SUPPORT APPARATUS**
[54] **DISPOSITIF DE SUPPORT DE TRANSACTIONS**
[72] BRADLEY, Laurence Daniel, GB
[72] FISHER, Kim James, GB
[72] GELL, Michael Anthony, GB
[72] REEDER, Anthony Andrew, GB
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 1998-02-24
[86] 1996-09-04 (PCT/GB96/02176)
[87] (WO97/11435)
[30] GB (95306156.1) 1995-09-04

[11] **2,230,369**
[13] C

[51] **Int.Cl. 6C23C 2/40**
[25] EN
[54] **CONTINUOUS HOT-DIP COATING METHOD AND APPARATUS THEREFOR**
[54] **METHODE ET DISPOSITIF DE REVETEMENT PAR IMMERSION A CHAUD**
[72] JIROMARU, Kazumi, JP
[72] SUZUKI, Hideyuki, JP
[72] OISHI, Hitoshi, JP
[72] ISHIOKA, Munehiro, JP
[72] OI, Toshihiko, JP
[72] ISHIDA, Nobuyuki, JP
[72] HIRAYA, Akira, JP
[72] AKASHI, Kentaro, JP
[72] FUKUI, Takayuki, JP
[72] TOMONAGA, Shinichi, JP
[72] HATAKEYAMA, Seishi, JP
[72] KUWANA, Teruhisa, JP
[72] ISHII, Toshio, JP
[73] NKK CORPORATION, JP
[22] 1998-02-24
[30] JP (9-040932) 1997-02-25
[30] JP (9-263165) 1997-09-29
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31 juillet 2001**

[11] **2,231,580**
[13] C

[51] **Int.Cl. 6H02K 3/30**
[25] EN
[54] **MULTI LAYER INSULATION FOR WINDING ELEMENTS OF D.E.M.S**
[54] **ISOLATION A PLUSIEURS COUCHES POUR ELEMENTS D'ENROULEMENT DE MACHINES DYNAMOELECTRIQUES**
[72] MOORE, Bernard John, CA
[72] LAFORTUNE, Luc Jean Joseph, CA
[72] BEAUPRE, MICHEL, CA
[72] DRAPER, Robert Edward, CA
[73] GENERAL ELECTRIC CANADA INC., CA
[22] 1998-03-09

[11] **2,231,652**
[13] C

[51] **Int.Cl. 6G01G 19/08 6B60P 5/00 6G01G 23/42**
[25] EN
[54] **LOAD DEFLECTING DEGREE COMPUTING APPARATUS AND CARRYING WEIGHT COMPUTING APPARATUS FOR VEHICLE**
[54] **DISPOSITIF POUR CALCULER UNE MAUVAISE REPARTITION D'UNE CHARGE SUPPORTEE PAR UN VEHICULE, ET DISPOSITIF POUR CALCULER UNE CHARGE SUPPORTEE PAR UN VEHICULE**
[72] SHIMIZU, Shinichiro, JP
[72] AOSHIMA, Hideyuki, JP
[72] SU, Laiping, JP
[73] YAZAKI CORPORATION, JP
[85] 1998-04-06
[86] 1996-04-19 (PCT/JP96/01066)
[87] (WO97/14019)
[30] JP (7/264429) 1995-10-12
[30] JP (8/91052) 1996-04-12

[11] **2,232,302**
[13] C

[51] **Int.Cl. 6C01F 11/18**
[25] EN
[54] **METHOD OF MANUFACTURING HIGH PURITY CALCIUM CARBONATE**
[54] **PROCEDE DE FABRICATION DE CARBONATE DE CALCIUM PUR**
[72] HUEGE, Fred R., US
[73] CHEMICAL LIME COMPANY, US
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[72] CARRAZZA, Jose, VE
[72] MARINO, Marian, VE
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[72] MATSUO, Kazuhide, JP
[72] MARUYAMA, Iwao, JP
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[54] **PRODUIT, DISPOSITIF ET PROCEDE POUR LA PRODUCTION DE STRATIFIES EN RUBAN A PARTIR D'UN FILM POLYMERE ET DE BANDES DE MATERIAU NON TISSE OU TISSE**
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[72] PRESTON, Kevin W., US
[72] MORTELLITE, Robert M., US
[73] CLOPAY PLASTIC PRODUCTS COMPANY, INC., US
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[72] COLLINS, Douglas A., US
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[73] THE REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[54] **PROCEDE ET APPAREIL POUR AMELIORER LES EFFETS DES MODIFICATIONS DE LA COMPOSANTE SALVE CHROMINANCE D'UN SIGNAL VIDEO**
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[73] PAN ELECTRIC CORPORATION, US
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[72] VARMA, Vijay Kerala, US
[72] LUKANDER, Pertti S., US
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[72] DIACHINA, JOHN WALTER, US
[73] TELEFONAKTIEBOLAGET LM
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[30] US (08/147,254) 1993-11-01
[30] US (08/331,816) 1994-10-31

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[54] **ACTIONNEUR LINEAIRE**
[72] NEFF, EDWARD A., US
[73] SYSTEMS, MACHINES,
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[30] US (09/268,844) 1999-03-16

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[13] A1

[51] **Int.Cl. 7A47G 9/02**
[25] FR
[54] **TAIED'OREILLER OFFRANT UNE
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[54] **PILLOWCASE WITH A DENTURE
POCKET**
[72] DENISCHUCK, JOSETTE, CA
[72] LEVASSEUR, MARIE-JOSEE, CA
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[71] LEVASSEUR, MARIE-JOSEE, CA
[22] 2000-01-12
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[21] **2,293,734**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **GENE SCREENING VECTOR AND
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[54] **VECTEUR DE CRIBLAGE DE
GENES ET METHODE DE DETECTION
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[72] AIGAKI, TOSHIRO, JP
[71] JAPAN SCIENCE AND
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[22] 2000-01-13
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[21] **2,294,661**
[13] A1

[51] **Int.Cl. 7B01D 69/08**
[25] EN
[54] **HOLLOW FIBER TYPE
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[54] **MODULE A MEMBRANE A FIBRES
CREUSES**
[72] HASEGAWA, TAKAYOSHI, JP
[72] MATSUMOTO, YOSHITADA, JP
[71] DAICEN MEMBRANE-SYSTEMS
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[13] A1

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WATER TURBINE**
[54] **EOLIENNE ET TURBINE
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[72] NIKIFOROV, ZARKO, MK
[71] NIKIFOROV, ZARKO, MK
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[54] **PROCESSUS POUR AMELIORER
LA SOLUBILITE DANS L'EAU DU
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[72] WILSON, HAROLD W., US
[71] WILSON, HAROLD W., US
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[25] EN
[54] **LOW PROFILE LOW
RESTRICTION DRAIN VALVE**
[54] **ROBINET DE PURGE SURBAISSE
A FAIBLE RISQUE D'OBSTRUCTION**
[72] COUPAL, ANDRÉ, CA
[71] COUPAL, ANDRÉ, CA
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[21] **2,295,188**
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[51] **Int.Cl. 7A63B 59/14**
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[54] **HOCKEY STICK BLADE
ASSEMBLY**
[54] **PALETTE DE BATON DE HOCKEY**
[72] HEYDUK, HENRY, CA
[71] HEYDUK, HENRY, CA
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[13] A1

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[25] EN
[54] **A SIMPLIFIED LEAKAGE
CURRENT CIRCUIT BREAKING AND
OVERCURRENT PROTECTION
DEVICE**
[54] **DISPOSITIF SIMPLIFIE DE
DISJONCTION, S'IL Y A COURANT DE
FUITE, ET DE PROTECTION DE
SURINTENSITE**
[72] CHUNG-JUNG, YANG, TW
[72] LEE-LONG, CHEN, TW
[72] SSU-FUNG, LIN, TW
[71] DELTA ELECTRONICS INC., TW
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[21] **2,295,328**
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[25] EN
[54] **VAPOR BARRIER**
[54] **PARE-VAPEUR**
[72] BERGERON, PAUL, CA
[71] MATÉRIAUX BECO INC., CA
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[25] EN
[54] **REFRIGERATOR DAMPER
CONTROL AND LIGHTING
ASSEMBLY HOUSING**
[54] **COMMANDE DE CLAPET ET
BOITIER DE DISPOSITIF
D'ECLAIRAGE POUR
REFRIGERATEUR**
[72] BANICEVIC, NEDO, CA
[72] DANG, MUC, CA
[71] CAMCO INC., CA
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[54] **METALLIC PIPE AND METHOD
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[54] **TUYAU METALLIQUE ET
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[72] LUPKE, MANFRED A.A., CA
[72] LUPKE, STEFAN A., CA
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[54] **SCREEN WITH HIGH PRESSURE
NOZZLES**
[54] **ECRAN AVEC Busettes A
HAUTE PRESSION**
[72] MAHR, GERNOT, AT
[71] HEADWORKS, INC., US
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[13] A1
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[25] EN
[54] **LUBRICATING OIL
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[54] **COEFFICIENT DE FRICTION
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[72] HOLT, DAVID G. L., GB
[72] LETA, DANIEL P., GB
[71] INFINEUM INTERNATIONAL
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[21] **2,295,400**
[13] A1
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[54] **AN ARTICLE OF FOOTWEAR**
[54] **CHAUSSURE**
[72] CHOWN, PETER ARTHUR
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[71] CHOWN, PETER ARTHUR
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[22] 2000-01-13
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[21] **2,295,406**
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[51] **Int.Cl. 7C09D 133/08**
[25] EN
[54] **COMPOSITIONS FOR
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[54] **COMPOSITIONS POUR
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[72] MARTIN, LOUIS-MARIE JOSEPH,
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[71] MARTIN, LOUIS-MARIE JOSEPH,
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[51] **Int.Cl. 7A01F 29/04**
[25] EN
[54] **OPEN THROAT BALE
PROCESSOR**
[54] **MACHINE A GRAND ANGLE
D'OUVERTURE SERVANT A TRAITER
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[72] HRUSKA, KEVIN, CA
[71] BRIDGEVIEW MFG. INC., CA
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[51] **Int.Cl. 7B63B 35/71**
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[51] **Int.Cl. 7C12N 5/06**
[25] EN
[54] **ASPIRATION OF OOCYTES FROM
BOVINE OVARIES USING AN
IMPROVED APPARATUS**
[54] **ASPIRATION D'OOCYTES DES
OVAIRES DE BOVINS AU MOYEN
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[72] ZHU, JIA BEI, CA
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[13] A1
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[54] **KNOCKDOWN FURNITURE**
[54] **MEUBLES DEMONTES**
[72] RANDAZZO, ANTONINO, CA
[72] ORTENZI, DOMINIC, CA
[71] RANDAZZO, ANTONINO, CA
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[13] A1

[51] **Int.Cl. 7C12N 5/06 7A01N 1/02**
[25] EN
[54] **FORMULATION OF EMBRYO CULTURE MEDIA I & II (ECM I & II) FOR OPTIMAL BOVINE EMBRYO DEVELOPMENT**
[54] **PREPARATION DE MILIEUX DE CULTURE D'EMBRYONS I ET II (MCE I ET II) POUR LE DEVELOPPEMENT OPTIMAL D'EMBRYONS DE BOVINS**
[72] ZHU, JIA BEI, CA
[71] ZHU, JIA BEI, CA
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[13] A1

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[25] EN
[54] **MODE OF TRANSPORTATION AND STORAGE OF BOVINE OVARIES**
[54] **MODE DE TRANSPORT ET DE CONSERVATION D'OVAIRES DE BOVINS**
[72] ZHU, JIA BEI, CA
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[25] EN
[54] **ROOM GRATING**
[54] **GRILLAGE POUR PIECE**
[72] PARK, CHAN-WOO, CA
[71] PARK, CHAN-WOO, CA
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[21] **2,295,897**
[13] A1

[51] **Int.Cl. 7A47K 7/02**
[25] EN
[54] **BATH BRUSH**
[54] **BROSSE POUR LE BAIN**
[72] CHEN, CHING-CHEN, CN
[71] CHEN, CHING-CHEN, CN
[22] 2000-01-13
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[21] **2,295,899**
[13] A1

[51] **Int.Cl. 7A01G 9/00 7A47G 7/04**
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[54] **TOTAL EXPOSURE**
[54] **EXPOSITION TOTALE**
[72] YOUNG, ROBERT GORDON, CA
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[13] A1

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[25] EN
[54] **METHOD AND APPARATUS FOR REPAIRING TRAILER BRAKES**
[54] **METHODE ET APPAREIL POUR REPARER LES FREINS D'UNE REMORQUE ROUTIERE**
[72] CLUNIE, GORDON, CA
[71] CLUNIE, GORDON, CA
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[21] **2,296,024**
[13] A1

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[54] **« STRING HOPPER »**
[72] SELVADURAI, SRIMOHANARAJAH, CA
[71] SELVADURAI, SRIMOHANARAJAH, CA
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[21] **2,296,032**
[13] A1

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[54] **LOCKING ASSEMBLY FOR A ROCKING CHAIR**
[54] **MECANISME DE VERROUILLAGE POUR BERCEUSE**
[72] BELLEFLEUR, PIERRE, CA
[71] DUTAILIER INTERNATIONAL INC., CA
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[21] **2,296,048**
[13] A1

[51] **Int.Cl. 7B25F 1/00 7B26B 23/00 7B25D 7/00**
[25] FR
[54] **HACHE MULTIFONCTIONNELLE**
[54] **MULTIFUNCTIONAL AXE**
[72] BRUNET, DANIEL, CA
[71] BRUNET, DANIEL, CA
[22] 2000-01-12
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[21] **2,296,107**
[13] A1

[51] **Int.Cl. 7A61C 19/04 7A61C 7/08**
[25] EN
[54] **BRUXISM APPLIANCE MODIFICATION**
[54] **MODIFICATION D'UN APPAREIL POUR CORRIGER LE BRUXISME**
[72] ZUK, MICHAEL YAR, CA
[71] ZUK, MICHAEL YAR, CA
[22] 2000-01-13
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[25] EN
[54] **UNIVERSAL DRYWALL BRACKETS AND INSTALLATION METHOD**
[54] **SUPPORTS UNIVERSELS DE PANNEAUX MURAUX SECS ET METHODE D'INSTALLATION**
[72] FOLLETT, BRAD, CA
[71] FOLLETT, BRAD, CA
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[13] A1

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[54] **THE ELECTRO-FUEL SELF-ENERGIZED AUTOMOBILE**
[54] **AUTOMOBILE ELECTRIQUE ET A CARBURANT AUTONOME**
[72] APRUZZESE, MARIO, CA
[71] APRUZZESE, MARIO, CA
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[13] A1
[51] **Int.Cl. 7E04C 5/16 7E04B 1/94**
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[54] **PONTAGE METALLIQUE UNITAIRE, COUPE-FEU ET DISPOSITIF DE RENFORT**
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[71] HERREN, THOMAS R., US
[22] 2000-01-27
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[51] **Int.Cl. 7B42D 15/00**
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[54] **PRESSURE SEAL POCKET BUSINESS FORM PRODUCTION**
[54] **FABRICATION DE FORMULAIRES COMMERCIAUX DE POCHE SCELLES SOUS PRESSION**
[72] PETERSON, WAYNE C., US
[71] MOORE NORTH AMERICA, INC., US
[22] 2000-07-25
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[30] US (09/480,158) 2000-01-10

[21] **2,314,573**
[13] A1
[51] **Int.Cl. 7G01L 19/08 7G08C 19/16 7G06F 17/40**
[25] EN
[54] **SYSTEM FOR ACQUIRING DATA FROM A FACILITY AND METHOD**
[54] **SYSTEME ET METHODE POUR OBTENIR DES DONNEES RELATIVEMENT A UNE INSTALLATION**
[72] JARMAN, ANDREW, CA
[72] ITO, TOKU, CA
[72] DO, ROBERT, CA
[72] BENTERUD, KEVIN, CA
[71] Z.I. PROBES, INC., CA
[22] 2000-07-20
[43] 2001-07-13
[30] US (09/482,415) 2000-01-13

[21] **2,314,593**
[13] A1
[51] **Int.Cl. 7A61F 9/02**
[25] EN
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[54] **LUNETTES DE NAGE**
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[71] CHIANG, HERMAN, TW
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[30] CN (200359.7) 2000-01-10

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[13] A1
[51] **Int.Cl. 7A47K 1/09**
[25] EN
[54] **SANITARY TOOTHBRUSH STORAGE UNIT**
[54] **UNITE DE RANGEMENT SANITAIRE POUR BROSSES A DENTS**
[72] PRENTICE, THOMAS, US
[72] PRENTICE, PAULETTE, US
[71] PRENTICE, THOMAS, US
[71] PRENTICE, PAULETTE, US
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[51] **Int.Cl. 7F01N 1/06**
[25] EN
[54] **EXHAUST MUFFLER WITH STAMP FORMED INTERNAL ASSEMBLY**
[54] **SILENCIEUX D'ECHAPPEMENT AVEC MONTAGE INTERNE FORME DE PIECES ESTAMPEES**
[72] GERBER, JAMES E., US
[71] GOERLICH'S INC., US
[22] 2000-08-15
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[30] US (09/482,776) 2000-01-13

[21] **2,316,004**
[13] A1
[51] **Int.Cl. 7H01S 3/098 7A61F 9/008 7H01S 5/065**
[25] EN
[54] **OSCILLATOR WITH MODE CONTROL**
[54] **OSCILLATEUR AVEC COMMANDE DE MODE**
[72] HORVATH, CHRISTOPHER, US
[71] INTRALASE CORPORATION, US
[22] 2000-08-15
[43] 2001-07-12
[30] US (09/481,172) 2000-01-12

[21] **2,323,349**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 13/00**
[25] EN
[54] **SIMPLE ENCLOSURE SERVICES (SES) USING A HIGH-SPEED, POINT-TO-POINT, SERIAL BUS**
[54] **SERVICES D'ANNEXES SIMPLES (SAS) UTILISANT UN BUS EN SERIE POINT A POINT ET A GRANDE VITESSE DE TRANSMISSION**
[72] OSTEN, THOMAS J., US
[72] STILL, GREGORY S., US
[72] CECCHI, DELBERT R., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[43] 2001-07-12
[30] US (09/481,537) 2000-01-12

[21] **2,325,963**
[13] A1
[51] **Int.Cl. 7B60J 10/08 7E06B 7/16**
[25] EN
[54] **REPLACEABLE DOOR SEAL AND RETAINER ASSEMBLIES**
[54] **ENSEMBLES REMPLACABLES DE DISPOSITIFS DE RETENUE ET DE JOINTS D'ETANCHEITE DE PORTES**
[72] MCMILLIN, KENNETH L., US
[72] DIETRICH, ALFRED T., US
[71] OVERHEAD DOOR CORPORATION, US
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[43] 2001-07-10
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[21] **2,326,191**
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[51] **Int.Cl. 7F41H 3/00**
[25] EN
[54] **INFRARED CAMOUFLAGE DEVICE**
[54] **DISPOSITIF DE CAMOUFLAGE CONTRE LA DETECTION AUX INFRAROUGES**
[72] SCHERBER, WERNER, DE
[72] LEUPOLZ, ANDREAS, DE
[72] ROTHMUND, WALTER, DE
[71] DORNIER GMBH, DE
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[30] DE (199 55 609.1-15) 1999-11-19

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[13] A1

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[25] EN
[54] **AN APPARATUS FOR AND METHOD OF DISCRIMINATING AGAINST UNWANTED IONIZED SPECIES IN MASS SPECTROMETRY WITH COLLISION AND REACTION DEVICES**
[54] **APPAREIL ET METHODE PERMETTANT LA DISTINCTION DES ESPECES IONISEES NON DESIREES, EN SPECTROMETRIE DE MASSE, AU MOYEN DE DISPOSITIFS DE REACTION ET D'IMPACT**

[72] BANDURA, DMITRY R., CA
[72] BARANOV, VLADIMIR I., CA
[72] TANNER, SCOTT D., CA
[71] MDS INC., CA
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[43] 2001-07-10
[30] US (60/175,305) 2000-01-10

[21] **2,326,925**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **CREDIT RISK ESTIMATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ESTIMATION DU RISQUE DE CREDIT**

[72] CROUHY, MICHEL, CA
[72] NUDELMAN, GREGORY, CA
[72] IM, JOHN, CA
[72] TCHERNITSER, ALEXEI, CA
[71] CANADIAN IMPERIAL BANK OF COMMERCE, CA
[22] 2000-11-23
[43] 2001-07-13
[30] US (60/175,990) 2000-01-13
[30] US (09/576,098) 2000-05-22

[21] **2,327,014**
[13] A1

[51] **Int.Cl. 7H01F 29/02 7H01F 38/24**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING SELECTABLE OUTPUT VOLTAGES**
[54] **METHODE ET APPAREIL PERMETTANT DE CHOISIR DIVERSES TENSIONS DE SORTIE**

[72] OWEN, DONALD W., US
[71] OWEN, DONALD W., US
[22] 2000-11-22
[43] 2001-07-12
[30] US (60/175,647) 2000-01-12

[21] **2,327,160**
[13] A1

[51] **Int.Cl. 7H04Q 3/48 7H04Q 7/38**
[25] EN
[54] **DYNAMIC ROUTING OF WIRELESS COMMUNICATIONS**
[54] **ACHEMINEMENT DYNAMIQUE DE COMMUNICATIONS SANS FIL**
[72] ARAVAMUDAN, MURALI, US
[72] NAQVI, SHAMIN A., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-11-30
[43] 2001-07-12
[30] US (09/482,476) 2000-01-12

[21] **2,327,162**
[13] A1

[51] **Int.Cl. 7H04Q 3/42 7H04L 12/20 7H04L 12/24 7H04L 12/66**
[25] EN
[54] **PROTECTING COMMUNICATIONS NETWORK INTEGRITY**

[54] **PROTECTION DE L'INTEGRITE D'UN RESEAU DE COMMUNICATIONS**
[72] ARAVAMUDAN, MURALI, US
[72] NAQVI, SHAMIN A., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-11-30
[43] 2001-07-12
[30] US (09/481,951) 2000-01-12

[21] **2,327,611**
[13] A1

[51] **Int.Cl. 7H04B 7/04**
[25] EN
[54] **SPACE-TIME PROCESSING FOR MULTIPLE-INPUT, MULTIPLE-OUTPUT, WIRELESS SYSTEMS**
[54] **TRAITEMENT SPATIO-TEMPOREL POUR SYSTEMES SANS FIL A ENTREES ET SORTIES MULTIPLES**

[72] FOSCHINI, GERARD JOSEPH, US
[72] VALENZUELA, REINALDO A., US
[72] LOZANO, ANGEL, US
[72] RASHID-FARROKHI, FARROKH, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-12-05
[43] 2001-07-13
[30] US (09/482,429) 2000-01-13

[21] **2,327,960**
[13] A1

[51] **Int.Cl. 7B60Q 1/04**
[25] EN
[54] **BLUE TINTED AUTOMOBILE LAMP CAPSULE**
[54] **CAPSULE DE LAMPE D'AUTOMOBILE TEINTEE EN BLEU**
[72] CALLAHAN, SUSAN L., US
[72] YOUNG, PAUL A., US
[72] SHAW, CATHY M., US
[71] OSRAM SYLVANIA INC., US
[22] 2000-12-11
[43] 2001-07-13
[30] US (09/482,706) 2000-01-13

[21] **2,328,583**
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12P 13/04 7C12P 13/08 7C12N 1/21 7C12P 19/34 7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **NEW NUCLEOTIDE SEQUENCES CODING FOR THE PTSH GENE**
[54] **NOUVEAU CODAGE DE SEQUENCES DE NUCLEOTIDES POUR LE GENE PTSH**

[72] FARWICK, MIKE, DE
[72] MOCKEL, BETTINA, DE
[72] PFEFFERLE, WALTER, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 2001-01-10
[43] 2001-07-13
[30] DE (100 01 101.2) 2000-01-13

[21] **2,328,592**
[13] A1

[51] **Int.Cl. 7B25F 1/00 7B26B 11/00 7B26B 1/04 7B26B 3/06 7B25B 7/22**
[25] EN
[54] **FOLDING MULTIPURPOSE TOOL INCLUDING BLADE LOCK RELEASE MECHANISM**

[54] **OUTIL PLIANT A USAGES MULTIPLES INCLUANT UN MECANISME DE DECLENCHEMENT DU VERROUILLAGE DE LA LAME**
[72] RIVERA, BENJAMIN C., US
[71] LEATHERMAN TOOL GROUP, INC., US
[22] 2000-12-15
[43] 2001-07-12
[30] US (09/479,411) 2000-01-12
[30] US (09/632,630) 2000-08-04

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[21] **2,328,634**
[13] A1
[51] **Int.Cl. 7G01N 33/58 7A61K 51/00**
7G01N 33/533 7G01N 33/534 7G01N 33/60
[25] EN
[54] **ASSAY METHOD**
[54] **METHODE D'ESSAI**
[72] RICKETT, GRAHAM ANTHONY, GB
[72] DOBBS, SUSAN, GB
[72] PERROS, MANOUSSOS, GB
[71] PFIZER INC., US
[22] 2001-01-10
[43] 2001-07-12
[30] GB (0000659.3) 2000-01-12
[30] GB (0000663.5) 2000-01-12
[30] GB (0000661.9) 2000-01-12

[21] **2,329,177**
[13] A1
[51] **Int.Cl. 7B63H 11/01**
[25] EN
[54] **PUMP JET APPARATUS WITH**
ARTICULATING WEED GRATE
CLEAN-OUT SYSTEM
[54] **GICLEUR DE POMPE AVEC**
DEGRILLEUR ARTICULE
[72] NEISEN, GERALD F., US
[71] OUTBOARD MARINE
CORPORATION, US
[22] 2000-12-20
[43] 2001-07-13
[30] US (09/482,493) 2000-01-13

[21] **2,329,318**
[13] A1
[51] **Int.Cl. 7A01K 67/027 7C12N 5/00**
7C12Q 1/00 7G01N 33/566 7G01N 33/574
7C12Q 1/68
[25] EN
[54] **TRANSGENIC ANIMAL MODEL**
OF BASAL CELL CARCINOMA
[54] **MODELE ANIMAL**
TRANSGENIQUE D'UN CARCINOME
BASOCELLULAIRE
[72] HUI, CHI-CHUNG, CA
[72] DIUGOSZ, ANDRZEJ A., US
[71] THE HOSPITAL FOR SICK
CHILDREN, CA
[71] UNIVERSITY OF MICHIGAN, US
[22] 2001-01-11
[43] 2001-07-12
[30] US (60/175,637) 2000-01-12

[21] **2,329,377**
[13] A1
[51] **Int.Cl. 7F16B 13/04 7F16B 13/14**
[25] EN
[54] **SEALED GROMMET**
[54] **ANNEAU ETANCHE**
[72] EVERARD, STEPHEN M., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2000-12-21
[43] 2001-07-13
[30] US (09/482,250) 2000-01-13

[21] **2,329,498**
[13] A1
[51] **Int.Cl. 7G01M 3/20 7F17D 5/02**
[25] EN
[54] **METHOD OF APPLYING LIQUID**
FLUORESCENT DYES TO THE
INTERNAL PARTS OF AIR
CONDITIONING OR REFRIGERATION
SYSTEMS
[54] **METHODE D'APPLICATION DE**
COLORANTS FLUORESCENTS
LIQUIDES AUX PARTIES
INTERIEURES DE SYSTEMES DE
CLIMATISATION OU DE
REFRIGERATION
[72] BRASS, JACK, CA
[71] BRASSCORP LIMITED, CA
[22] 2000-12-22
[43] 2001-07-10
[30] US (60/174,917) 2000-01-10

[21] **2,329,957**
[13] A1
[51] **Int.Cl. 7E01H 5/06**
[25] EN
[54] **SNOW REMOVAL MACHINE**
[54] **MACHINE DE DENEIGEMENT**
[72] SUESHIGE, HIROSHI, JP
[72] SHIMIZU, NORIKAZU, JP
[72] YOSHIDA, ISAO, JP
[72] KONO, MASAKATSU, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2000-12-29
[43] 2001-07-12
[30] JP (2000-004080) 2000-01-12
[30] JP (2000-004089) 2000-01-12

[21] **2,330,056**
[13] A1
[51] **Int.Cl. 7A61M 31/00 7A61M 25/02**
[25] EN
[54] **GASTRIC TUBE RETAINER**
[54] **DISPOSITIF DE RETENUE D'UN**
TUBE GASTRIQUE
[72] ANTENBRING, COLIN, CA
[72] GOROSPE, RON, CA
[71] ANTENBRING, COLIN, CA
[71] GOROSPE, RON, CA
[22] 2001-01-03
[43] 2001-07-10
[30] US (09/479,926) 2000-01-10

[21] **2,330,069**
[13] A1
[51] **Int.Cl. 7B23K 10/00**
[25] EN
[54] **METHOD AND APPARATUS FOR**
IMPROVING PLASMA ARC
CONSUMABLE LIFE
[54] **METHODE ET APPAREIL POUR**
AUGMENTER LA DUREE DE VIE DE
L'ELECTRODE FUSIBLE DANS LE
COUPAGE A ARC PLASMA
[72] OAKLEY, THOMAS FRANKLIN, US
[71] THE ESAB GROUP, INC., US
[22] 2001-01-02
[43] 2001-07-13
[30] US (09/482,781) 2000-01-13

[21] **2,330,173**
[13] A1
[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **SYSTEM AND METHOD FOR**
PROVIDING INDICATION OF
MAXIMUM TELESERVICE PAYLOAD
SIZE IN A WIRELESS
COMMUNICATION NETWORK
[54] **SYSTEME ET METHODE**
POUVANT FOURNIR UNE
INDICATION DE LA TAILLE
MAXIMALE DE LA CHARGE UTILE DE
TELESERVICE DANS UN RESEAU DE
COMMUNICATION SANS FIL
[72] CHANDER, SHARAT
SUBRAMANIAM, US
[72] SETH, SHIV MOHAN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2001-01-04
[43] 2001-07-10
[30] US (09/480,013) 2000-01-10

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[21] **2,330,226**
[13] A1

[51] **Int.Cl. 7F02M 47/04 7F02M 51/00**
[25] EN
[54] **HYDRAULICALLY ACTUATED FUEL INJECTOR CARTRIDGE AND SYSTEM FOR HIGH PRESSURE GASEOUS FUEL INJECTION**
[54] **CARTOUCHE HYDRAULIQUE D'INJECTEURS DE CARBURANT ET SYSTEME POUR L'INJECTION HAUTE PRESSION DE CARBURANT GAZEUX**
[72] POPP, ROGER C., US
[71] WOODWARD GOVERNOR COMPANY, US
[22] 2001-01-04
[43] 2001-07-12
[30] US (09/482,481) 2000-01-12

[21] **2,330,250**
[13] A1

[51] **Int.Cl. 7F24F 6/06**
[25] EN
[54] **HYBRID IMPELLER AND WICK HUMIDIFIER**
[54] **TURBINE ET HUMECTEUR DE MECHE HYBRIDES**
[72] MONTAGNINO, JAMES G., US
[72] EHLING, PETER, US
[72] DELMENICO, PETER, US
[71] SUNBEAM PRODUCTS, INC., US
[22] 2001-01-05
[43] 2001-07-13
[30] US (09/482,815) 2000-01-13

[21] **2,330,261**
[13] A1

[51] **Int.Cl. 7F25J 1/00**
[25] EN
[54] **CRYOGENIC INDUSTRIAL GAS LIQUEFACTION SYSTEM**
[54] **SYSTEME CRYOGENIQUE DE LIQUEFACTION DE GAZ COMBUSTIBLES**
[72] ARMAN, BAYRAM, US
[72] MARINO, MICHAEL ANTHONY, US
[72] SCHAUB, HERBERT RAYMOND, US
[72] HAAS, JOSEPH WILLIAM JR., US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2001-01-05
[43] 2001-07-10
[30] US (09/479,986) 2000-01-10

[21] **2,330,263**
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04Q 3/64**
[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING AUTOMATIC GREETINGS IN A CALL CENTER**
[54] **METHODE ET APPAREIL DE GENERATION DE SALUTATIONS AUTOMATIQUES DANS UN CENTRE D'APPEL**
[72] CHAN, NORMAN C., US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2001-01-05
[43] 2001-07-12
[30] US (09/482,969) 2000-01-12

[21] **2,330,345**
[13] A1

[51] **Int.Cl. 7C02F 3/20**
[25] EN
[54] **SUBMERSIBLE IN-SITU OXYGENATOR**
[54] **OXYGENATEUR IN SITU SUBMERSIBLE**
[72] CHENG, ALAN TAT YAN, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2001-01-05
[43] 2001-07-10
[30] US (09/479,991) 2000-01-10

[21] **2,330,368**
[13] A1

[51] **Int.Cl. 7H04N 5/265 7H04N 7/08 7H04N 5/445**
[25] EN
[54] **LOGO INSERTION ON AN HDTV ENCODER**
[54] **INSERTION D'UN LOGO DANS UN CODEUR TVHD**
[72] WU, SIU-WAI, US
[72] NEMIROFF, ROBERT S., US
[71] GENERAL INSTRUMENT CORPORATION, US
[22] 2001-01-05
[43] 2001-07-12
[30] US (09/481,722) 2000-01-12

[21] **2,330,368**
[13] A1

[51] **Int.Cl. 7H04N 5/265 7H04N 7/08 7H04N 5/445**
[25] EN
[54] **LOGO INSERTION ON AN HDTV ENCODER**
[54] **INSERTION D'UN LOGO DANS UN CODEUR TVHD**
[72] WU, SIU-WAI, US
[72] NEMIROFF, ROBERT S., US
[71] GENERAL INSTRUMENT CORPORATION, US
[22] 2001-01-05
[43] 2001-07-12
[30] US (09/481,722) 2000-01-12

[21] **2,330,398**
[13] A1

[51] **Int.Cl. 7B60D 1/06**
[25] EN
[54] **QUICK CONNECT INTERCHANGEABLE HITCH BALL ASSEMBLY**
[54] **BOULE D'ATTELAGE INTERCHANGEABLE ET A RACCORDEMENT RAPIDE**
[72] HOOPEES, PHILIP K., JR., US
[72] MCCOIGE, CHAD A., US
[71] REESE PRODUCTS, INC., US
[22] 2001-01-09
[43] 2001-07-10
[30] US (60/175,274) 2000-01-10

[21] **2,330,406**
[13] A1

[51] **Int.Cl. 7G02B 6/28**
[25] EN
[54] **OPTICAL WAVEGUIDE COUPLER AND METHOD FOR PRODUCING SAME**
[54] **BRIDE DE GUIDE D'ONDES OPTIQUES ET METHODE DE FABRICATION**
[72] HOLZNER, RETO, CH
[72] MUNDLE, KLAUS, AT
[72] DOMMANN, ALEX, CH
[72] WAGNER, JOSEF, CH
[72] BRUNSCHWILER, THOMAS, CH
[72] JUTZ, JAKOB, CH
[71] CONTRAVES SPACE AG, CH
[22] 2001-01-10
[43] 2001-07-13
[30] CH (2000 0061/00) 2000-01-13

[21] **2,330,412**
[13] A1

[51] **Int.Cl. 7B60R 13/02**
[25] EN
[54] **HEADLINER ASSEMBLY**
[54] **GARNITURE DE PAVILLON**
[72] MARCEAU, NORMAND R., US
[72] GOROWICZ, JANUSZ P., US
[72] KOCHER, LARRY F., US
[72] PICKEN, ALAN D., US
[71] MAGNA INTERIOR SYSTEMS, INC., CA
[22] 2001-01-10
[43] 2001-07-10
[30] US (60/175,338) 2000-01-10

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[21] **2,330,460**
[13] A1
[51] **Int.Cl. 7B61F 5/38**
[25] FR
[54] **BOGIE MOTEUR POUR
VEHICULE FERROVIAIRE ET
VEHICULE FERROVIAIRE POURVU
D'UN TEL BOGIE**
[54] **DRIVING BOGIE FOR A RAILWAY
VEHICLEET RAILWAY VEHICLE
EQUIPED WITH THE SAME**
[72] BOIVIN, GILBERT, FR
[71] ALSTOM, FR
[22] 2001-01-09
[43] 2001-07-12
[30] FR (00 00 352) 2000-01-12

[21] **2,330,462**
[13] A1
[51] **Int.Cl. 7A61K 7/075**
[25] FR
[54] **COMPOSITIONS COSMETIQUES
DETERGENTES CONTENANT UN
AMIDON AMPHOTERE PARTICULIER
ET LEURS UTILISATIONS**
[54] **DETERGENT COSMETIC
COMPOUNDS CONTAINING A
SPECIFIC AMPHOTERIC STARCH
AND THEIR USES**
[72] MAUBRU, MIREILLE, FR
[72] BEAUQUEY, BERNARD, FR
[72] DOUIN, VERONIQUE, FR
[71] L'OREAL, FR
[22] 2001-01-10
[43] 2001-07-13
[30] FR (00 00 411) 2000-01-13

[21] **2,330,464**
[13] A1
[51] **Int.Cl. 7A61M 5/31 7A61M 5/32**
[25] FR
[54] **DISPOSITIF ANTI-PIQUE POUR
MANIPULER AVEC SECURITE UNE
AIGUILLE D'INJECTION**
[54] **ANTI-QUILL DEVICE FOR
SECURELY MANIPULATING AN
INJECTION NEEDLE**
[72] HUET, JEAN-MAX, FR
[71] VYGON, FR
[22] 2001-01-10
[43] 2001-07-12
[30] FR (00/00330) 2000-01-12

[21] **2,330,465**
[13] A1
[51] **Int.Cl. 7A61K 31/662 7A23B 5/14**
[25] FR
[54] **PROCEDE POUR AUGMENTER LA
PRODUCTION D'OEUF ET
CONSOLIDER LA COQUILLE DES
OEUF CHEZ LES VOLAILLES**
[54] **PROCESS FOR INCREASING EGG
PRODUCTION AND STRENGTHENING
POULTRY EGG SHELL**
[72] BARDON, THIERRY, FR
[72] THIBAUD, DOMINIQUE, FR
[71] CEVA SANTE ANIMALE, FR
[22] 2001-01-11
[43] 2001-07-12
[30] FR (00 00 354) 2000-01-12

[21] **2,330,466**
[13] A1
[51] **Int.Cl. 7C08K 3/36 7C08K 3/06 7C08J
3/24 7C08K 5/548**
[25] FR
[54] **COMPOSITION DE
CAOUTCHOUC UTILISABLE A
L'ETAT VULCANISE COMME APPUI
DE SECURITE POUR PNEUMATIQUE,
ET UN TEL APPUI**
[54] **RUBBER COMPOSITION USABLE
IN A VULCANIZED STATE AS
PNEUMATIC SECURITY SUPPORT,
AND OF THE SAID SUPPORT**
[72] TEISSEYRE, SERGE, FR
[72] BATAILLE, FRANCOIS, FR
[72] MASSON, FRANCOIS, US
[71] MICHELIN RECHERCHE ET
TECHNIQUE S.A., CH
[22] 2001-01-11
[43] 2001-07-12
[30] FR (00 00 426) 2000-01-12

[21] **2,330,469**
[13] A1
[51] **Int.Cl. 7A61K 7/075**
[25] FR
[54] **COMPOSITIONS COSMETIQUES
CONTENANT UN AMIDON
AMPHOTERE ET UN AGENT
CONDITIONNEUR CATIONIQUE ET
LEURS UTILISATIONS**
[54] **COSMETIC COMPOUNDS
CONTAINING AN AMPHOTERIC
STARCH AND A CATIONIC
CONDITIONING AGENT AND THEIR
USES**
[72] DECOSTER, SANDRINE, FR
[72] DOUIN, VERONIQUE, FR
[72] CHESNEAU, LAURENT, FR
[71] L'OREAL, FR
[22] 2001-01-12
[43] 2001-07-13
[30] FR (00 00 409) 2000-01-13

[21] **2,330,507**
[13] A1
[51] **Int.Cl. 7F41A 17/54**
[25] EN
[54] **PUSH BUTTON FIREARM LOCK**
[54] **VERROU D'ARME A FEU A
BOUTON-POUSSOIR**
[72] YU, SANDY TAI SHEUNG, CA
[71] YU, SANDY TAI SHEUNG, CA
[22] 2001-01-09
[43] 2001-07-14
[30] US (09/483,763) 2000-01-14

[21] **2,330,512**
[13] A1
[51] **Int.Cl. 7G01P 15/135**
[25] EN
[54] **FREE FALL SENSOR**
[54] **DETECTEUR DE CHUTE LIBRE**
[72] TAKEDA, TERUYUKI, JP
[72] URANO, MITSUHIRO, JP
[71] UBUKATA INDUSTRIES CO., LTD.,
JP
[22] 2001-01-09
[43] 2001-07-12
[30] JP (2000-4039) 2000-01-12
[30] JP (2000-280176) 2000-09-14

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[21] **2,330,513**
[13] A1

[51] **Int.Cl. 7G02B 6/42 7G02B 6/13**
[25] EN
[54] **MICROBENCH AND PRODUCING METHOD THEREFOR, AND OPTICAL SEMICONDUCTOR MODULE USING SAME**
[54] **MICROBANC ET METHODE DE FABRICATION CONNEXE, AINSI QUE MODULE A SEMI-CONDUCTEURS OPTIQUE SE SERVANT DUDIT MICROBANC**
[72] TATO, NOBUYOSHI, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2001-01-09
[43] 2001-07-12
[30] JP (2000-003578) 2000-01-12

[21] **2,330,515**
[13] A1

[51] **Int.Cl. 7A21B 1/46 7A21C 9/08**
[25] EN
[54] **METHOD OF AND LINE FOR BREADCRUMB PRODUCTION**
[54] **METHODE ET CHAINE DE FABRICATION DE CHAPELURE**
[72] PARKER, THOMAS ROBERTSON, GB
[71] SASIB U.K. LIMITED, GB
[22] 2001-01-09
[43] 2001-07-12
[30] GB (0000512.4) 2000-01-12

[21] **2,330,708**
[13] A1

[51] **Int.Cl. 7F04C 5/00**
[25] EN
[54] **FLEXIBLE VANE PUMP**
[54] **POMPE A PALETTES SOUPLES**
[72] WOODRUFF, KEITH F., US
[71] WOODRUFF, KEITH F., US
[22] 2001-01-12
[43] 2001-07-13
[30] US (09/482,652) 2000-01-13

[21] **2,330,711**
[13] A1

[51] **Int.Cl. 7B07B 13/04**
[25] EN
[54] **CHERRY SIZING PROCESS AND APPARATUS**
[54] **PROCESSUS ET APPAREIL DE CLASSIFICATION DE CERISES**
[72] BROWN, ROBERT A., US
[71] STEMILT GROWERS, INC., US
[22] 2001-01-11
[43] 2001-07-12
[30] US (09/481,417) 2000-01-12

[21] **2,330,717**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **METHOD AND SYSTEM FOR FACILITATING FULFILLMENT OF ELECTRONIC COMMERCIAL TRANSACTIONS**
[54] **METHODE ET SYSTEME FACILITANT L'EXECUTION DE TRANSACTIONS COMMERCIALES ELECTRONIQUES**
[72] LIPSON, EARL S., CA
[72] NOWERS, D. KRISTIAN (DECEASED), CA
[72] MASOTTI, DAVID F., CA
[71] SKULOGIX INC., CA
[22] 2001-01-10
[43] 2001-07-10
[30] US (60/175/239) 2000-01-10
[30] US (60/181,323) 2000-02-09

[21] **2,330,718**
[13] A1

[51] **Int.Cl. 7C08J 5/18**
[25] EN
[54] **MANUFACTURING APPARATUS AND MANUFACTURING METHOD OF SOLID POLYMER FILM WITH CATALYST DEPOSITED THEREON**
[54] **APPAREIL ET METHODE DE FABRICATION DE FILM A BASE DE POLYMERES SOLIDES SUR LEQUEL UN CATALYSEUR EST DEPOSE**
[72] TANAKA, KATSUHISA, JP
[71] TOYOTA JIDOSHA KUBUSHIKI KAISHA, JP
[22] 2001-01-11
[43] 2001-07-12
[30] JP (2000-003534) 2000-01-12

[21] **2,330,724**
[13] A1

[51] **Int.Cl. 7F02M 53/04**
[25] EN
[54] **GASEOUS FUEL INJECTOR HAVING HIGH HEAT TOLERANCE**
[54] **INJECTEUR DE CARBURANT GAZEUX POUVANT TOLERER UNE CHALEUR ELEVEE**
[72] POPP, ROGER C., US
[71] WOODWARD GOVERNOR COMPANY, US
[22] 2001-01-10
[43] 2001-07-12
[30] US (09/481,150) 2000-01-12

[21] **2,330,736**
[13] A1

[51] **Int.Cl. 7B23H 1/04**
[25] EN
[54] **A WIRE ELECTRODE FOR THE SPARK-EROSIVE CUTTING OF HARD METAL**
[54] **FIL-ELECTRODE POUR COUPER DES METAUX DURS PAR ELECTRO-EROSION**
[72] BAUMANN, INGO, DE
[72] BARTHEL, BERND, DE
[71] BERKENHOFF GMBH, DE
[22] 2001-01-11
[43] 2001-07-12
[30] DE (100 00 858.5) 2000-01-12

[21] **2,330,744**
[13] A1

[51] **Int.Cl. 7A47F 5/00 7A47F 7/00**
[25] EN
[54] **FANNED SHELF DISPLAY**
[54] **PRESENTOIR A GONDOLE ETALE EN EVENTAIL**
[72] MEYER, HEIDI A., US
[72] DOUCETTE, DANIEL, US
[72] SCHMIDT, MARK T., US
[71] KRAFT FOODS, INC., US
[22] 2001-01-11
[43] 2001-07-12
[30] US (60/175,745) 2000-01-12

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[21] **2,330,752**
[13] A1

[51] **Int.Cl. 7C03C 3/091 7G02F 1/133**
[25] EN
[54] **ALKALI-FREE ALUMINOBOROSILICATE GLASS, AND USES THEREOF**
[54] **VERRE ALUMINOBOROSILICATE SANS ALCALI ET UTILISATIONS CONNEXES**
[72] PEUCHERT, ULRICH, DE
[72] BRIX, PETER, DE
[71] SCHOTT GLAS, DE
[22] 2001-01-12
[43] 2001-07-12
[30] DE (100 00 839.9-45) 2000-01-12

[21] **2,330,754**
[13] A1

[51] **Int.Cl. 7F02M 61/14**
[25] EN
[54] **UNIVERSAL GASEOUS FUEL INJECTOR CARTRIDGE**
[54] **CARTOUCHE UNIVERSELLE D'INJECTEUR A CARBURANT GAZEUX**
[72] POPP, ROGER C., US
[71] WOODWARD GOVERNOR COMPANY, US
[22] 2001-01-10
[43] 2001-07-12
[30] US (09/482,480) 2000-01-12

[21] **2,330,759**
[13] A1

[51] **Int.Cl. 7G01N 35/00 7G01N 37/00**
[25] EN
[54] **FAILURE DETECTION IN AUTOMATED CLINICAL ANALYZERS**
[54] **DETECTION DE PANNES DANS LES ANALYSEURS CLINIQUES AUTOMATISES**
[72] HYDE, DAVID DONALD, US
[72] SIMON, MARK ALAN, US
[72] RIALI, JAMES DANIEL, US
[72] AVDNEKO, MICHAEL, US
[72] JACOBS, MERRIT NYLES, US
[72] BOWER, RANDY KRISTOPHER, US
[72] DAMBRA, JOSEPH JOHN, US
[72] MCDONALD, STUART GILMOUR, US
[72] SHAW, JAMES DAVID, US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[22] 2001-01-11
[43] 2001-07-13
[30] US (09/482,599) 2000-01-13

[21] **2,330,762**
[13] A1

[51] **Int.Cl. 7B29C 39/02 7B29C 33/00**
[25] EN
[54] **MOLD-IN FASTENING MEMBER AND PRODUCTION OF MOLDED RESIN ARTICLE HAVING MOLD-IN FASTENING MEMBER**
[54] **PIECE D'ASSEMBLAGE MOULEE ET FABRICATION D'UN ARTICLE DE RESINE MOULE COMPRENANT LADITE PIECE**
[72] ITOH, HIROSHI, JP
[72] SHIMAMURA, KUNIHICO, JP
[72] OGAWA, SHIRO, JP
[72] TANOKURA, TOORU, JP
[71] KURARAY CO., LTD., JP
[22] 2001-01-11
[43] 2001-07-12
[30] JP (2000-3213) 2000-01-12

[21] **2,330,763**
[13] A1

[51] **Int.Cl. 7C03C 3/091 7G02F 1/133**
[25] EN
[54] **ALKALI-FREE ALUMINOBOROSILICATE GLASS, AND USES THEREOF**
[54] **VERRE ALUMINOBOROSILICATE SANS ALCALI ET UTILISATIONS CONNEXES**
[72] BRIX, PETER, DE
[72] PEUCHERT, ULRICH, DE
[71] SCHOTT GLAS, DE
[22] 2001-01-12
[43] 2001-07-12
[30] DE (100 00 836.4-45) 2000-01-12

[21] **2,330,771**
[13] A1

[51] **Int.Cl. 7F28F 21/06 7F28F 9/02**
[25] EN
[54] **COMPOSITE POLYMER MANIFOLD FOR WATER HEATING UNIT**
[54] **TUYAUTERIE DE POLYMERE COMPOSITE POUR CHAUFFE-EAU**
[72] LOPEZ, FULTON J., US
[72] AFSHAR, M. REZA, US
[71] PACFAB, INC., US
[22] 2001-01-11
[43] 2001-07-12
[30] US (09/612,638) 2000-07-07
[30] US (60/175,714) 2000-01-12

[21] **2,330,777**
[13] A1

[51] **Int.Cl. 7G01B 7/00**
[25] EN
[54] **METHOD OF AND APPARATUS FOR CONTACTLESS PLANARITY MEASUREMENTS ON FERROMAGNETIC METAL STRIP**
[54] **METHODE ET APPAREIL DE MESURES SANS CONTACT DE LA SURFACE PLANE D'UNE BANDE DE METAL FERROMAGNETIQUE**
[72] NOE, ANDREAS, DE
[72] NOE, ROLF, DE
[72] SONNTAG, STEFAN, DE
[72] BAUKLOH, DIETER, DE
[71] BWG BERGWERK-UND WALZWERK MASCHINENBAU GMBH, DE
[22] 2001-01-11
[43] 2001-07-12
[30] DE (100 00 845.3-32) 2000-01-12

[21] **2,330,813**
[13] A1

[51] **Int.Cl. 7B01F 3/02**
[25] EN
[54] **GAS MIXING APPARATUS**
[54] **MELANGEUR DE GAZ**
[72] HANLEY, JONATHAN P., US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2001-01-12
[43] 2001-07-13
[30] US (09/482,035) 2000-01-13

[21] **2,330,820**
[13] A1

[51] **Int.Cl. 7E21F 1/14**
[25] EN
[54] **MINE VENTILATION**
[54] **SYSTEME DE VENTILATION POUR MINE**
[72] KENNEDY, JOHN M., US
[72] KENNEDY, WILLIAM R., US
[71] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US
[22] 2001-01-11
[43] 2001-07-12
[30] US (09/481,966) 2000-01-12

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[21] **2,330,821**
[13] A1

[51] **Int.Cl. 7F24F 13/08 7F24F 13/20**
[25] EN
[54] **VENT COVER ASSEMBLY**
[54] **BOUCHON D'AERATION**
[72] LYONS, DAVID CHARLES, US
[72] BENNETT, ROBB EDWARD, US
[71] HON TECHNOLOGY INC., US
[22] 2001-01-12
[43] 2001-07-13
[30] US (09/482,227) 2000-01-13

[21] **2,330,836**
[13] A1

[51] **Int.Cl. 7H04B 3/20 7H04Q 3/00**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING ECHO CANCELLATION WITHIN A COMMUNICATION NETWORK**
[54] **METHODE ET APPAREIL POUR ANNULER L'ECHO DANS UN RESEAU DE COMMUNICATION**
[72] FOSTER, SUJEANNE, US
[72] CHAN, NORMAN C., US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2001-01-11
[43] 2001-07-12
[30] US (09/482,717) 2000-01-12

[21] **2,330,866**
[13] A1

[51] **Int.Cl. 7H01L 21/77**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICE**
[54] **METHODE ET APPAREIL POUR FABRIQUER DES DISPOSITIFS A SEMI-CONDUCTEURS**
[72] NODA, SUSUMU, JP
[71] KANSAI TECHNOLOGY LICENSING ORGANIZATION CO., LTD., JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2001-01-12
[43] 2001-07-13
[30] JP (P2000-004686) 2000-01-13

[21] **2,330,870**
[13] A1

[51] **Int.Cl. 7E21B 33/129**
[25] EN
[54] **SUBTERRANEAN WELL TOOL AND SLIP ASSEMBLY**
[54] **OUTIL DE SONDAGE SOUTERRAIN ET COIN DE RETENUE**
[72] CARISELLA, JAMES V., US
[72] COOK, ROBERT BRADLEY, US
[71] CARISELLA, JAMES V., US
[71] COOK, ROBERT BRADLEY, US
[22] 2001-01-12
[43] 2001-07-13
[30] US (09/482,502) 2000-01-13

[21] **2,330,871**
[13] A1

[51] **Int.Cl. 7A47K 10/10**
[25] EN
[54] **SHOWER DOOR BAR WITH RECESSED GRIP**
[54] **PORTE-SERVIETTE AVEC POIGNEE EN RETRAIT POUR PORTE DE DOUCHE**
[72] FUNK, DAVID R., US
[72] DEBRAAL, TIMOTHY S., US
[72] KOPACZ, THOMAS H., US
[71] KOHLER CO., US
[22] 2001-01-12
[43] 2001-07-13
[30] US (09/482,364) 2000-01-13

[21] **2,330,884**
[13] A1

[51] **Int.Cl. 7A01G 23/04**
[25] EN
[54] **A DEVICE FOR TRANSPLANTING TREES OR BUSHES**
[54] **DISPOSITIF POUR TRANSPLANTER DES ARBRES OU DES BUISSONS**
[72] OPITZ, DIETER, DE
[71] OPITZ, DIETER, DE
[22] 2001-01-12
[43] 2001-07-13
[30] DE (100 01 078.4) 2000-01-13

[21] **2,330,885**
[13] A1

[51] **Int.Cl. 7H05B 3/10**
[25] EN
[54] **CERAMIC HEATER**
[54] **APPAREIL DE CHAUFFAGE EN CERAMIQUE**
[72] NAGAO, SYUNJI, JP
[72] NATSUHARA, MASUHIRO, JP
[72] NAKATA, HIROHIKO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2001-01-11
[43] 2001-07-13
[30] JP (2000-004570) 2000-01-13

[21] **2,330,889**
[13] A1

[51] **Int.Cl. 7C03C 3/091 7H01L 31/0256 7G02F 1/133**
[25] EN
[54] **ALKALI-FREE ALUMINOBOROSILICATE GLASS, AND USES THEREOF**
[54] **VERRE D'ALUMINOBOROSILICATE SANS ALCALIS ET USAGES DE CELUI-CI**
[72] PEUCHERT, ULRICH, DE
[72] BRIX, PETER, DE
[71] SCHOTT GLAS, DE
[22] 2001-01-12
[43] 2001-07-12
[30] DE (100 00 837.2-45) 2000-01-12

[21] **2,330,891**
[13] A1

[51] **Int.Cl. 7F16H 7/12**
[25] EN
[54] **TENSIONING DEVICE OF AN ENDLESS FLEXIBLE DRIVING ELEMENT OF A DRIVING SYSTEM OF AN INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF TENDEUR D'UN ELEMENT D'ENTRAINEMENT FLEXIBLE ET SANS FIN D'UN SYSTEME D'ENTRAINEMENT D'UN MOTEUR A COMBUSTION INTERNE**
[72] GUHR, WOLFGANG, DE
[71] LITENS AUTOMOTIVE GMBH, DE
[22] 2001-01-11
[43] 2001-07-12
[30] DE (100 00 970.0) 2000-01-12

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[21] **2,330,896**
[13] A1
[51] **Int.Cl. 7C03C 3/091 7H01L 31/0256 7G02F 1/133**
[25] EN
[54] **ALKALI-FREE ALUMINOBOROSILICATE GLASS, AND USES THEREOF**
[54] **VERRE D'ALUMINOBOROSILICATE SANS ALCALIS ET USAGES DE CELUI-CI**
[72] PEUCHERT, ULRICH, DE
[72] BRIX, PETER, DE
[71] SCHOTT GLAS, DE
[22] 2001-01-12
[43] 2001-07-12
[30] DE (100 00 838.0-45) 2000-01-12

[21] **2,330,897**
[13] A1
[51] **Int.Cl. 7C08L 17/00 7C08L 23/02 7C08L 23/12**
[25] EN
[54] **METHOD FOR MANUFACTURE OF ELASTOMERIC ALLOYS USING RECYCLED RUBBERS**
[54] **METHODE DE FABRICATION D'ALLIAGES D'ELASTOMERES AVEC DU CAOUTCHOUC RECYCLE**
[72] MERTZEL, ELAINE AUDREY, US
[72] HOLLISTER, ANNETTE K., US
[72] RODAK, LAUREL A., US
[72] SHEETS, JAMES P., US
[72] CITAREL, LOUIS, US
[72] WEBER, RONALD G., US
[71] THE STANDARD PRODUCTS COMPANY, US
[22] 2001-01-12
[43] 2001-07-13
[30] US (09/482,753) 2000-01-13

[21] **2,330,898**
[13] A1
[51] **Int.Cl. 7A45F 5/00 7A45C 11/00**
[25] EN
[54] **CARRYING ASSEMBLY AND METHOD OF USE THEREFOR**
[54] **DISPOSITIF DE TRANSPORT ET METHODE D'UTILISATION DE CELUI-CI**
[72] CARROLL, JOHN, US
[71] CARROLL, JOHN, US
[22] 2001-01-12
[43] 2001-07-13
[30] US (09/482,245) 2000-01-13

[21] **2,330,903**
[13] A1
[51] **Int.Cl. 7A61C 19/04 7A61C 7/08**
[25] EN
[54] **BRUXISM APPLIANCE AND METHOD OF FORMING**
[54] **APPAREIL POUR CORRIGER LE BRUXISME ET METHODE DE FABRICATION**
[72] ZUK, MICHAEL YAR, CA
[71] ZUK, MICHAEL YAR, CA
[22] 2001-01-11
[43] 2001-07-13
[30] CA (2,296,107) 2000-01-13

[21] **2,330,907**
[13] A1
[51] **Int.Cl. 7B60P 1/04**
[25] EN
[54] **DOUBLE CONTAINER TRAILER APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE REMORQUE A DOUBLE CONTENEUR ET METHODE D'UTILISATION**
[72] O'DANIEL, HAROLD W., US
[71] G&H MANUFACTURING, LTD., US
[22] 2001-01-11
[43] 2001-07-12
[30] US (09/482,427) 2000-01-12

[21] **2,330,912**
[13] A1
[51] **Int.Cl. 7H04B 1/69 7H04B 7/216**
[25] EN
[54] **DUAL TRANSMISSION SPREAD PROCESSING CIRCUIT SYSTEM FOR CDMA COMMUNICATION APPARATUS**
[54] **SYSTEME DE CIRCUITS DE TRAITEMENT PAR DISPERSION A TRANSMISSION DOUBLE POUR APPAREIL DE COMMUNICATION CDMA**
[72] ATSUTA, HIROSADA, JP
[71] NEC CORPORATION, JP
[22] 2001-01-11
[43] 2001-07-13
[30] JP (2000-004951) 2000-01-13

[21] **2,330,978**
[13] A1
[51] **Int.Cl. 7A47J 31/10**
[25] EN
[54] **HOT BEVERAGE MAKER**
[54] **APPAREIL POUR FAIRE DES BREUVAGES CHAUDS**
[72] HARING, STEVE, US
[71] SUNBEAM PRODUCTS, INC., US
[22] 2001-01-15
[43] 2001-07-13
[30] US (09/482,499) 2000-01-13

[21] **2,330,981**
[13] A1
[51] **Int.Cl. 7H04M 3/533**
[25] EN
[54] **METHOD AND APPARATUS FOR ANNOTATED VOICE MAIL RESPONSE**
[54] **METHODE ET APPAREIL PERMETTANT UNE REPOSE ANNOTEE A UN MESSAGE VOCAL**
[72] FIX, FREDERICK R., US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2001-01-11
[43] 2001-07-12
[30] US (09/482,715) 2000-01-12

[21] **2,331,009**
[13] A1
[51] **Int.Cl. 7A61K 31/4453 7A61P 15/12 7A61K 31/40 7A61K 31/407 7A61K 31/4439 7A61K 31/453 7A61K 31/4725 7A61K 31/55**
[25] EN
[54] **COMPOSITIONS AND METHODS OF TREATMENT FOR CONDITIONS RESPONSIVE TO TESTOSTERONE ELEVATION**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES ETATS SENSIBLES A L'AUGMENTATION DU TAUX DE TESTOSTERONE**
[72] DAY, WESLEY WARREN, US
[72] THOMPSON, DAVID DUANE, US
[72] LEE, ANDREW GEORGE, US
[71] PFIZER PRODUCTS INC., US
[22] 2001-01-10
[43] 2001-07-12
[30] US (60/175,704) 2000-01-12

Demandes canadiennes mises à la disponibilité du public
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[21] **2,331,012**
[13] A1

[51] **Int.Cl. 7C07K 17/02 7A61K 39/00 7C12P 21/00 7A61K 38/16 7C07K 16/18 7A61K 39/35 7A61K 47/48**

[25] EN
[54] **METHOD FOR THE PRODUCTION OF CONJUGATES AND USES THEREOF FOR THE PREVENTION AND TREATMENT OF ALLERGIC REACTIONS AND AUTOIMMUNE DISEASES**
[54] **PROCEDE POUR LA PRODUCTION DE CONJUGUES ET SON UTILISATION POUR LA PREVENTION ET LE TRAITEMENT DE REACTIONS ALLERGIQUES ET DE MALADIES AUTO-IMMUNES**
[72] BOREL, YVES, CH
[72] SCHELGEL, WERNER, CH
[72] GELFAND, ERWIN, US
[71] AVENTIS BEHRING GMBH, DE
[22] 2001-01-10
[43] 2001-07-11
[30] BE (00100461.3) 2000-01-11

[21] **2,331,015**
[13] A1

[51] **Int.Cl. 7A61G 5/08 7A61H 3/04**

[25] EN
[54] **LATCH FOR FOLDING WALKER**
[54] **MECANISME DE VERROUILLAGE D'UN AMBULATEUR REPLIABLE**
[72] GALASSO, MICHAEL B., US
[71] NOVA ORTHO-MED, INC., US
[22] 2001-01-10
[43] 2001-07-10
[30] US (09/480,871) 2000-01-10

[21] **2,331,033**
[13] A1

[51] **Int.Cl. 7B65G 23/04**

[25] EN
[54] **TRANSPORTING INSTALLATION WITH CONVEYOR HAVING IDLING ROLLERS SUPPORTING TRANSPORT MEMBERS**
[54] **DISPOSITIF DE TRANSPORT AVEC CONVOYEUR MUNI DE ROUES DE RALENTI QUI SUPPORTENT LES ELEMENTS PORTEURS**
[72] PATRITO, DONATO, IT
[71] FATA AUTOMATION S.P.A., IT
[22] 2001-01-10
[43] 2001-07-13
[30] IT (MI 2000 U 000013) 2000-01-13

[21] **2,331,053**
[13] A1

[51] **Int.Cl. 7A61K 31/4453 7A61P 35/00 7A61P 19/02 7A61P 27/12 7A61K 31/40 7A61K 31/407 7A61K 31/4439 7A61K 31/453 7A61K 31/4725 7A61K 31/55**

[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CONDITIONS RESPONSIVE TO ESTROGEN**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES ETATS SENSIBLES A L'OESTROGENE**
[72] THOMPSON, DAVID DUANE, US
[72] LEE, ANDREW GEORGE, US
[72] DAY, WESLEY WARREN, US
[72] ROSATI, ROBERT LOUIS, US
[71] PFIZER PRODUCTS INC., US
[22] 2001-01-10
[43] 2001-07-12
[30] US (60/175,752) 2000-01-12

[21] **2,331,059**
[13] A1

[51] **Int.Cl. 7A61K 31/4453 7A61P 9/00 7A61P 35/00 7A61P 19/10 7A61K 31/40 7A61K 31/407 7A61K 31/4439 7A61K 31/453 7A61K 31/4725 7A61K 31/55**

[25] EN
[54] **METHOD OF REDUCING MORBIDITY AND THE RISK OF MORTALITY**
[54] **METHODE POUR REDUIRE LA MORBIDITE ET LE RISQUE DE MORTALITE**
[72] DAY, WESLEY WARREN, US
[72] LEE, ANDREW GEORGE, US
[72] THOMPSON, DAVID DUANE, US
[71] PFIZER PRODUCTS INC., US
[22] 2001-01-10
[43] 2001-07-12
[30] US (60/175,663) 2000-01-12

[21] **2,331,063**
[13] A1

[51] **Int.Cl. 7B02C 17/20 7C21D 9/36**

[25] EN
[54] **A STRESS RELIEVED GRINDING BALL HAVING HARD OUTER SHELL**
[54] **BOULET DE BROYEUR STABILISE MUNI D'UN REVETEMENT EXTERIEUR DUR**
[72] JAGER, CHRISTIAN ALBERT, CA
[71] STELCO INC., CA
[22] 2001-01-10
[43] 2001-07-10
[30] US (60/175,231) 2000-01-10

[21] **2,331,078**
[13] A1

[51] **Int.Cl. 7B22D 11/16 7B22D 11/00 7B22D 11/12**

[25] EN
[54] **METHOD AND APPARATUS FOR PREVENTING UNDESIRABLE COOLING OF THE STRIP EDGE AREAS OF A CAST STRAND**
[54] **METHODE ET APPAREIL POUR PREVENIR LE REFROIDISSEMENT NON VOULU DES REBORDS D'UNE PIECE EN COULEE CONTINUE**
[72] BEKURTS, AXEL, DE
[72] STREUBEL, HANS, DE
[72] FRIEDRICH, JURGEN, DE
[72] SCHWELLENBACH, JOACHIM, DE
[72] VOGL, NORBERT, DE
[71] SMS DEMAG AG, DE
[22] 2001-01-10
[43] 2001-07-13
[30] DE (100 01 073.3) 2000-01-13

[21] **2,331,081**
[13] A1

[51] **Int.Cl. 7A61F 13/47**

[25] EN
[54] **ABSORBENT INCONTINENCE PADS**
[54] **COUSSINETS D'INCONTINENCE ABSORBANTS**
[72] SUZUKI, MIGAKU, JP
[72] NAKAOKA, KENJI, JP
[72] UCHIMOTO, KENICHI, JP
[71] JAPAN ABSORBENT TECHNOLOGY INSTITUTE, JP
[71] MITSUBISHI CORPORATION, JP
[22] 2001-01-10
[43] 2001-07-12
[30] JP (JP 2000-3824) 2000-01-12

[21] **2,332,381**
[13] A1

[51] **Int.Cl. 7H01P 7/06**

[25] FR
[54] **RESONATEUR, NOTAMMENT POUR FILTRE HYPERFREQUENCE, ET FILTRE LE COMPORTANT**
[54] **RESONATOR, ESPECIALLY FOR MICROWAVE FREQUENCY FILTER, AND FILTER HOLDING IT**
[72] LATOUCHE, YANNICK, FR
[72] VIGNERON, SERGE, FR
[71] ALCATEL, FR
[22] 2001-01-08
[43] 2001-07-12
[30] FR (00 00 312) 2000-01-12

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[21] **2,332,382**
[13] A1

[51] **Int.Cl. 7B23K 26/12**
[25] FR
[54] **PROCEDE ET INSTALLATION DE COUPAGE LASER D'ACIER DOUX OU DE CONSTRUCTION AVEC OPTIQUE MULTIFOCALE**
[54] **METHOD AND INSTALLATION FOR LASER CUTTING SOFT STEEL OR OF CONSTRUCTION USING MULTIFOCAL OPTICAL**
[72] HAMY, JEAN, FR
[72] MATILE, OLIVIER, FR
[72] BERTEZ, CHRISTOPHE, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR
[22] 2001-01-08
[43] 2001-07-10
[30] FR (0000230) 2000-01-10

[21] **2,332,383**
[13] A1

[51] **Int.Cl. 7B23K 26/12**
[25] FR
[54] **PROCEDE ET INSTALLATION DE COUPAGE LASER D'ACIER INOXYDABLE OU REVETU, OU D'ALUMINIUM ET ALLIAGES AVEC OPTIQUE BIFOCAL**
[54] **PROCESS AND INSTALLATION FOR LASER CUTTING STAINLESS STEEL OR SHEATED, OR ALUMINUM AND ALLOYS USING BIFOCAL OPTICAL**
[72] MATILE, OLIVIER, FR
[72] HAMY, JEAN, FR
[72] BERTEZ, CHRISTOPHE, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR
[22] 2001-01-08
[43] 2001-07-10
[30] FR (0000231) 2000-01-10

[21] **2,332,384**
[13] A1

[51] **Int.Cl. 7H01C 7/12**
[25] EN
[54] **SURGE ARRESTER**
[54] **AMORTISSEUR DE SURTENSION**
[72] HOFFARTH, STEPHAN, CH
[72] HAGEMMEISTER, MICHAEL, CH
[72] RICHTER, BERNHARD, CH
[71] ABB HOCHSPANNUNGSTECHNIK AG, CH
[22] 2001-01-09
[43] 2001-07-10
[30] DE (100 00 617.5) 2000-01-10

[21] **2,332,385**
[13] A1

[51] **Int.Cl. 7G02B 6/16 7G02B 1/02 7G02B 6/132**
[25] EN
[54] **SILICA BASED OPTICAL WAVEGUIDE AND PRODUCTION METHOD THEREFOR**
[54] **GUIDE D'ONDES OPTIQUES EN SILICE ET METHODE DE FABRICATION**
[72] SASAKI, TAKASHI, JP
[72] TANAKA, SHIGERU, JP
[72] HIROSE, CHISAI, JP
[72] HIRAI, SHIGERU, JP
[72] AKASAKA, NOBUHIRO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2001-01-09
[43] 2001-07-12
[30] JP (2000-003515) 2000-01-12
[30] JP (2000-156269) 2000-05-26

[21] **2,332,414**
[13] A1

[51] **Int.Cl. 7H04B 7/185 7H04L 12/14**
[25] EN
[54] **METHOD AND APPARATUS FOR ACCOUNTING FOR USER TERMINAL SESSION-BASED CONNECTION TO A SATELLITE COMMUNICATION SYSTEM**
[54] **METHODE ET APPAREIL POUR SUIVRE LES CONNEXIONS, SESSION PAR SESSION, ENTRE UN TERMINAL D'UTILISATEUR ET UN SYSTEME DE COMMUNICATION PAR SATELLITE**
[72] WIEDEMAN, ROBERT A., US
[72] SITES, MICHAEL J., US
[72] MONTE, PAUL A., US
[71] GLOBALSTAR, L.P., US
[22] 2001-01-09
[43] 2001-07-13
[30] US (09/483,015) 2000-01-13

[21] **2,333,775**
[13] A1

[51] **Int.Cl. 7H03K 3/017 7H03K 5/05**
[25] EN
[54] **PRECISION-CONTROLLED DUTY CYCLE CLOCK CIRCUIT**
[54] **CIRCUIT DE COMMANGE DE PRECISION D'UNE HORLOGE A FACTEUR DE CHARGE**
[72] FERGUSSON, ANDREW, CA
[72] WYNEN, JOHN, CA
[72] MADTER, RICHARD, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2001-01-09
[43] 2001-07-10
[30] US (09/480,811) 2000-01-10

[21] **2,343,439**
[13] A1

[51] **Int.Cl. 7A61K 31/375 7A61P 19/02 7A61K 33/26 7A61K 31/7008**
[25] EN
[54] **COMPOSITIONS USEFUL IN THE TREATMENT OF DISEASES OF CONNECTIVE TISSUES**
[54] **COMPOSITIONS UTILES POUR LE TRAITEMENT DES MALADIES DU TISSU CONJONCTIF**
[72] EKANAYAKE, V.G. SUNETRA, CA
[71] OCEAN NUTRITION CANADA LTD., CA
[22] 2001-04-25
[43] 2001-07-09
[30] US (60/200,361) 2000-04-28

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[21] **2,332,005**
[13] A1

[51] **Int.Cl. 7H01B 7/285**
[25] EN
[54] **ELECTRICAL CABLE HAVING A SELF-SEALING AGENT AND METHOD FOR PREVENTING WATER FROM CONTACTING THE CONDUCTOR**
[54] **CABLE ELECTRIQUE AYANT UN AGENT AUTO-OBTURANT ET METHODE POUR EMPECHER L'EAU D'ENTRER EN CONTACT AVEC LE CONDUCTEUR**
[72] SASSE, PHILIP, US
[72] WARE, NICK, US
[72] WALLER, JONATHAN, US
[72] REECE, DAVID, US
[71] SOUTHWIRE COMPANY, US
[85] 2000-09-11
[86] 2000-01-12 (PCT/US00/00703)
[87] 2001-07-12 ()

[21] **2,345,208**
[13] A1

[51] **Int.Cl. 7C12N 15/70 7A61K 38/16 7C12N 1/21 7C07K 14/285 7C12N 15/31 7A61K 31/70**
[25] EN
[54] **PROTECTIVE RECOMBINANT HAEMOPHILUS INFLUENZAE HIGH MOLECULAR WEIGHT PROTEINS**
[54] **PROTEINES DE HAUT POIDS MOLECULAIRE RECOMBINANTES PROTECTRICES, EXTRAITES D'HAEMOPHILUS INFLUENZAE**
[72] LOOSMORE, SHEENA M., CA
[72] YANG, YAN-PING, CA
[72] KLEIN, MICHEL H., CA
[71] AVENTIS PASTEUR LIMITED, CA
[85] 2001-04-04
[86] 1999-10-07 (PCT/CA99/00938)
[87] 2000-04-13 (WO00/20609)
[30] US (09/167,568) 1998-10-07
[30] US (09/206,942) 1998-12-08

[21] **2,346,291**
[13] A1

[51] **Int.Cl. 7C08F 220/06 7A61P 9/12 7A61P 25/16 7A61K 31/785**
[25] EN
[54] **CONTROLLED RELEASE FROM COPOLYMERS OF ACRYLIC OR METHACRYLIC ACID/L-DOPA, ACRYLIC OR METHACRYLIC ACID/L-ALPHA.-METHYL DOPA, ACRYLIC OR METHACRYLIC ACID/ CARBIDOPA AND THEIR COMBINATIONS**
[54] **LIBERATION CONTROLEE D'ACIDE ACRYLIQUE OU METHACRYLIQUE/L-DOPA, D'ACIDE ACRYLIQUE OU METHACRYLIQUE/ L-\$G(A) METHYLDOPA, D'ACIDE ACRYLIQUE OU METHACRYLIQUE/ CARBIDOPA A PARTIR DE COPOLYMERES ET LEURS ASSOCIATIONS**
[72] TABAK, DAVID, BR
[72] DE ANDRADE, CRISTINA TRISTAO, BR
[72] DANTAS, FABIO MOYSES LINS, BR
[71] FUNDAÇÃO OSWALDO CRUZ - FIOCRUZ, BR
[85] 2001-04-04
[86] 2000-08-02 (PCT/BR00/00086)
[87] 2001-02-15 (WO01/10378)
[30] BR (PI 9903382-8) 1999-08-04

[21] **2,344,696**
[13] A1

[51] **Int.Cl. 7A61K 31/203 7A61N 5/06**
[25] EN
[54] **PREVENTION OF UV-INDUCED FUNCTIONAL VITAMIN A DEFICIENCY THROUGH USE OF TOPICALLY APPLIED RETINOID**
[54] **PREVENTION DE CARENCE EN VITAMINE A FONCTIONNELLE INDUITE PAR LES RAYONS UV PAR L'UTILISATION DE RETINOIDE APPLIQUE DE MANIERE TOPIQUE**
[72] VOORHEES, JOHN J., US
[72] FISHER, GARY J., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2001-03-27
[86] 1999-10-12 (PCT/US99/23591)
[87] 2000-04-20 (WO00/21486)
[30] US (60/104,245) 1998-10-14

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[21] **2,346,691**
[13] A1

[51] **Int.Cl. 7C11D 3/22**
[25] EN
[54] **FABRIC CARE COMPOSITION AND METHOD**
[54] **COMPOSITIONS DESTINEES A L'ENTRETIEN DE TISSUS ET PROCEDE ASSOCIE**
[72] TRINH, TOAN, US
[72] BARNABAS, MARY VIJAYARANI, US
[72] TORDIL, HELEN BERNARDO, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-06
[86] 1999-10-22 (PCT/US99/24824)
[87] 2000-05-04 (WO00/24851)
[30] US (60/105,375) 1998-10-23

[21] **2,346,713**
[13] A1

[51] **Int.Cl. 7G01N 33/48**
[25] EN
[54] **NEISSERIA GENOMIC SEQUENCES AND METHODS OF THEIR USE**
[54] **SEQUENCES GENOMIQUES DE NEISSERIA ET PROCEDES D'UTILISATION**
[72] TETTELIN, HERVE, US
[72] RAPPUOLI, RINO, IT
[72] MASIGNANI, VEGA, IT
[72] GALEOTTI, CESIRA, IT
[72] VENTER, J. CRAIG, US
[72] HICKEY, ERIN, US
[72] PIZZA, MARIAGRATIA, IT
[72] RATTI, GIULIO, IT
[72] FRAZER, CLAIRE M., US
[72] SCARLATO, VINCENZO, IT
[72] SCARSELLI, MARIA, IT
[72] GRANDI, GUIDO, IT
[72] MORA, MARIROSA, IT
[72] PETERSON, JEREMY, US
[71] THE INSTITUTE FOR GENOMIC RESEARCH, US
[71] CHIRON CORPORATION, US
[85] 2001-04-06
[86] 1999-10-08 (PCT/US99/23573)
[87] 2000-04-20 (WO00/22430)
[30] US (60/103,794) 1998-10-09
[30] US (60/132,068) 1999-04-30

[21] **2,346,743**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/00 7C07H 21/02 7C07H 21/04 7C12P 21/06 7A61K 39/108**
[25] EN
[54] **METABOLIC SELECTION METHODS**
[54] **PROCEDES DE SELECTION METABOLIQUE**
[72] HOCH, JAMES, US
[72] DARTOIS, VERONIQUE, US
[71] MICROGENOMICS, INC., US
[85] 2001-04-12
[86] 1999-10-12 (PCT/US99/23862)
[87] 2000-04-20 (WO00/22170)
[30] US (09/172,952) 1998-10-14

[21] **2,346,775**
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12N 9/12 7C07K 16/40 7A61K 38/45 7C12Q 1/68**
[25] EN
[54] **PROTEIN KINASE HOMOLOGS**
[54] **HOMOLOGUES DE PROTEINES KINASES**
[72] AZIMZAI, YALDA, US
[72] GUEGLER, KARL J., US
[72] TANG, Y. TOM, US
[72] GORGONE, GINA A., US
[72] BANDMAN, OLGA, US
[72] HILLMAN, JENNIFER L., US
[72] CORLEY, NEIL C., US
[72] YUE, HENRY, US
[72] LU, DYUNG AINA M., US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 2001-04-12
[86] 1999-10-15 (PCT/US99/24202)
[87] 2000-04-20 (WO00/22143)
[30] US (09/173,581) 1998-10-15

[21] **2,346,776**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61P 25/00 7A01K 67/027 7C12N 5/10 7A61K 38/17 7C07K 16/28 7A61K 39/395 7G01N 33/50 7A61K 31/70 7C07K 14/705**
[25] EN
[54] **NON-DESENSITIZING AMPA-RECEPTORS**
[54] **RECEPTEURS DU TYPE AMPA, NON DESENSIBILISANTS**
[72] RUSSO, SEBASTIAN, DE
[72] ROSENMUND, CHRISTIAN, DE
[72] STERN-BACH, YAEL, IL
[72] NEUMAN, MENAHEM, IL
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[71] YISSUM RESEARCH AND DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERU, IL
[85] 2001-04-10
[86] 1999-10-11 (PCT/EP99/07604)
[87] 2000-04-20 (WO00/22118)
[30] DE (198 47 064.9) 1998-10-13

[21] **2,346,809**
[13] A1

[51] **Int.Cl. 7C09J 7/02 7B32B 7/12**
[25] EN
[54] **FILLED LAB PATTERN-COATED FILMS**
[54] **FILMS REVETUS D'UN MOTIF A APPRET A FAIBLE ADHERENCE (LAB)**
[72] BOHLKE, SUSAN N., US
[72] FAGAN, MARK E., US
[72] RANDEN, NEIL A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-04-09
[86] 1999-07-01 (PCT/US99/14960)
[87] 2000-05-11 (WO00/26017)
[30] US (09/185,208) 1998-11-03

[21] **2,346,831**
[13] A1

[51] **Int.Cl. 7G06F 12/02 7G06F 11/20**
[25] EN
[54] **A SYSTEM AND A METHOD FOR TRANSFORMATION OF MEMORY DEVICE ADDRESSES**
[54] **SYSTEME ET PROCEDE DE TRANSFORMATION D'ADRESSES DANS UN DISPOSITIF DE MEMOIRE**
[72] DEAS, ALEXANDER, ROGER, GB
[72] VILKOV, BORIS NIKOLAEVICH, RU
[71] VILKOV, BORIS NIKOLAEVICH, RU
[85] 2001-04-10
[86] 1998-11-12 (PCT/RU98/00377)
[87] 2000-05-25 (WO00/29958)

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[21] **2,346,927**
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C07K 16/00 7A01K 67/027 7C12N 5/08 7C12N 5/10 7C12Q 1/68**
[25] EN
[54] **METHOD FOR GENERATING DIVERSITY**
[54] **METHODE DE GENERATION DE DIVERSITE**
[72] SALE, JULIAN EDWARD, GB
[72] NEUBERGER, MICHAEL SAMUEL, GB
[72] CUMBERS, SARAH JANE, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2001-04-09
[86] 1999-10-08 (PCT/GB99/03358)
[87] 2000-04-20 (WO00/22111)
[30] GB (9822104.7) 1998-10-09
[30] GB (9901141.3) 1999-01-19
[30] GB (9913435.5) 1999-06-09

[21] **2,346,929**
[13] A1

[51] **Int.Cl. 7C12N 9/96 7C11D 3/386 7A61K 47/48**
[25] EN
[54] **A MODIFIED POLYPEPTIDE WITH REDUCED IMMUNE RESPONSE**
[54] **POLYPEPTIDE MODIFIE A REPONSE IMMUNITAIRE REDUITE**
[72] OLSEN, ARNE AGERLIN, DK
[72] ERNST, STEFFEN, DK
[72] VON DER OSTEN, CLAUS, DK
[72] ROGGEN, ERWIN LUDO, DK
[72] ANDERSEN, KIM VILBOUR, DK
[71] NOVOZYMES A/S, DK
[85] 2001-04-12
[86] 1999-10-12 (PCT/DK99/00542)
[87] 2000-04-20 (WO00/22103)
[30] DK (PA 1998 01301) 1998-10-13
[30] DK (PA 1999 01418) 1999-10-04

[21] **2,346,931**
[13] A1

[51] **Int.Cl. 7A01N 63/00 7C12N 7/01 7C12N 15/86**
[25] EN
[54] **GENE DELIVERY SYSTEM AND METHODS OF USE**
[54] **SYSTEME DE TRANSPORT DE GENE ET PROCEDES D'UTILISATION ASSOCIES**
[72] LOGG, CHRISTOPHER, US
[72] ANDERSEN, W. FRENCH, US
[72] KASHAHRA, NORI, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2001-04-02
[86] 1999-10-01 (PCT/US99/23016)
[87] 2000-04-06 (WO00/18240)
[30] US (60/102,933) 1998-10-01

[21] **2,346,935**
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 49/00 7A61K 49/04 7A61K 51/04**
[25] EN
[54] **VITRONECTIN RECEPTOR ANTAGONIST PHARMACEUTICALS**
[54] **MEDICAMENTS ANTAGONISTES DU RECEPTEUR DE LA VITRONECTINE**
[72] HARRIS, THOMAS DAVID, US
[72] CHEESMAN, EDWARD H., US
[72] RAJOPADHYE, MILIND, US
[71] DUPONT PHARMACEUTICALS COMPANY, US
[85] 2001-04-18
[86] 1999-12-17 (PCT/US99/30312)
[87] 2000-06-22 (WO00/35488)
[30] US (60/112,829) 1998-12-18

[21] **2,346,948**
[13] A1

[51] **Int.Cl. 7A23L 1/22**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF GRANULES FOR THE CONTROLLED RELEASE OF VOLATILE COMPOUNDS**
[54] **PROCEDE RELATIF A L'ELABORATION DE GRANULES POUR LA LIBERATION CONTROLEE DE COMPOSES VOLATILS**
[72] BENCZEDI, DANIEL, CH
[72] BOUQUERAND, PIERRE-ETIENNE, FR
[71] FIRMENICH SA, CH
[85] 2001-04-11
[86] 2000-08-23 (PCT/IB00/01155)
[87] 2001-03-15 (WO01/17372)
[30] IB (PCT/IB99/01510) 1999-09-06

[21] **2,346,999**
[13] A1

[51] **Int.Cl. 7B22D 11/128**
[25] EN
[54] **METHOD FOR CONTINUOUSLY CASTING METAL AND A CONTINUOUS CASTING INSTALLATION PROVIDED THEREFOR**
[54] **PROCEDE DE COULEE EN CONTINU DE METAL, ET INSTALLATION DE COULEE EN CONTINU POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] STIFTINGER, MICHAEL, AT
[72] LOPES, CATHERINE, FR
[72] GUYOT, VINCENT, FR
[72] ZURITA, GERARD, FR
[72] HODL, HEINZ, AT
[72] MARIOTON, JEAN-FRANCOIS, FR
[72] EICHINGER, ANDREAS, AT
[72] ENGEL, KURT, AT
[71] SOLLAC-FOS., FR
[71] VOEST-ALPINE INDUSTRIENLAGENBAU GMBH, AT
[85] 2001-04-19
[86] 1999-11-03 (PCT/AT99/00261)
[87] 2000-05-18 (WO00/27565)
[30] AT (A 1844/98) 1998-11-06

[21] **2,347,005**
[13] A1

[51] **Int.Cl. 7B09C 1/08**
[25] EN
[54] **METHOD FOR DETOXIFICATION TREATMENT OF SOIL**
[54] **PROCEDE DE TRAITEMENT DE DETOXICATION DE SOLS**
[72] SHIRATORI, TOSHIKAZU, JP
[72] KAKUSHO, TOMONARI, JP
[72] TOMOGUCHI, MASARU, JP
[72] KIMURA, TOSHIMUNE, JP
[72] KAWAKAMI, SATOSHI, JP
[72] ITO, HIROYUKI, JP
[71] DOWA MINING CO., LTD., JP
[85] 2001-04-19
[86] 1999-11-16 (PCT/JP99/06395)
[87] 2000-05-25 (WO00/29137)
[30] JP (10/326745) 1998-11-17
[30] JP (10/362091) 1998-12-21
[30] JP (11/45050) 1999-02-23

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,347,006 [13] A1</p> <p>[51] Int.Cl. 7H04N 7/173 7H04N 5/445 [25] EN [54] AN INTERACTIVE TELEVISION SYSTEM AND METHOD FOR CONVERTING NON-TEXTUAL INFORMATION TO TEXTUAL INFORMATION BY A REMOTE SERVER [54] SYSTEME TELEVISUEL INTERACTIF ET PROCEDE DE CONVERSION D'INFORMATIONS NON TEXTUELLES EN INFORMATIONS TEXTUELLES AU MOYEN D'UN SERVEUR A DISTANCE [72] DUREAU, VINCENT, US [71] OPENTV, INC., US [85] 2001-04-19 [86] 1999-10-19 (PCT/US99/24710) [87] 2000-04-27 (WO00/24198) [30] US (09/176,611) 1998-10-21</p>	<p style="text-align: right;">[21] 2,347,008 [13] A1</p> <p>[51] Int.Cl. 7B29C 43/18 7B29C 37/00 [25] EN [54] METHOD FOR MANUFACTURING A MULTI-LAYERED MOULDED SYNTHETIC PART AND THUS OBTAINED PART [54] PROCEDE DE FABRICATION D'UNE PIECE MOULEE SYNTHETIQUE MULTICOUCHE ET PIECE AINSI OBTENUE [72] DEBLIER, IVO, BE [72] VANLUCHENE, YVAN, BE [72] DE WINTER, HUGO, BE [72] HACKWELL, ROGER, GB [72] DEMANDT, HANS, BE [71] RECTICEL, BE [85] 2001-04-19 [86] 1999-10-15 (PCT/BE99/00128) [87] 2000-04-27 (WO00/23239) [30] EP (98870221.3) 1998-10-21</p>	<p style="text-align: right;">[21] 2,347,011 [13] A1</p> <p>[51] Int.Cl. 6H04L 9/12 [25] EN [54] APPARATUS AND METHODS FOR CRYPTOGRAPHIC SYNCHRONIZATION IN PACKET BASED COMMUNICATIONS [54] APPAREIL ET PROCEDES DE SYNCHRONISATION CRYPTOGRAPHIQUE DANS DES COMMUNICATIONS PAR PAQUETS [72] MCGROGAN, ELLWOOD, US [72] COSTANTINI, FRANK, US [72] CARTER, MATTHEW, US [71] L-3 COMMUNICATIONS CORPORATION, US [85] 2001-04-20 [86] 1999-10-28 (PCT/US99/25206) [87] 2000-05-04 (WO00/25476) [30] US (60/106,016) 1998-10-28 [30] US (60/122,682) 1999-03-03</p>
<p style="text-align: right;">[21] 2,347,007 [13] A1</p> <p>[51] Int.Cl. 7H04L 9/32 [25] EN [54] INCORPORATING SHARED RANDOMNESS INTO DISTRIBUTED CRYPTOGRAPHY [54] INSERTION D'IRREGULARITE PARTAGEE DANS UNE CRYPTOGRAPHIE REPARTIE [72] YUNG, MARCEL M., US [72] FRANKEL, YAIR, US [71] CERTCO INCORPORATED, US [85] 2001-04-19 [86] 1999-10-29 (PCT/US99/25293) [87] 2000-05-11 (WO00/27069) [30] US (60/106,267) 1998-10-30</p>	<p style="text-align: right;">[21] 2,347,009 [13] A1</p> <p>[51] Int.Cl. 6B01D 53/04 [25] EN [54] CARBON FIBER COMPOSITE MOLECULAR SIEVE ELECTRICALLY REGENERABLE AIR FILTER MEDIA [54] MILIEU FILTRANT L'AIR REGENERABLE ELECTRIQUEMENT, DE TAMIS MOLECULAIRE EN MATERIAU COMPOSITE A BASE DE FIBRES DE CARBONE [72] JUDKINS, RODDIE R., US [72] WILSON, KIRK A., US [72] BURCHELL, TIMOTHY D., US [71] UT-BATTELLE, LLC, US [85] 2001-04-19 [86] 1998-10-26 (PCT/US98/22662) [87] 2000-05-04 (WO00/24498)</p>	<p style="text-align: right;">[21] 2,347,012 [13] A1</p> <p>[51] Int.Cl. 7G06F 11/14 [25] EN [54] DISTRIBUTED TRANSACTIONAL PROCESSING SYSTEM AND METHOD [54] SYSTEME DE TRAITEMENT TRANSACTIONNEL REPARTI ET PROCEDE ASSOCIE [72] SMITH, ROBERT, US [71] ERICSSON INC., US [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/24777) [87] 2000-05-04 (WO00/25213) [30] US (09/178,456) 1998-10-23</p>
<p style="text-align: right;">[21] 2,347,010 [13] A1</p> <p>[51] Int.Cl. 7H04M 11/06 [25] EN [54] A METHOD AND AN ARRANGEMENT FOR SECURING AN ADSL CONNECTION [54] PROCEDE ET SYSTEME DE FIXATION D'UNE CONNEXION ADSL [72] BARKARO, STEFAN, SE [72] RANDAHL, TORBJORN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-04-19 [86] 1999-10-25 (PCT/SE99/01921) [87] 2000-05-25 (WO00/30332) [30] SE (9803887-0) 1998-11-13</p>	<p style="text-align: right;">[21] 2,347,013 [13] A1</p> <p>[51] Int.Cl. 7H01Q 5/00 7H01Q 13/08 [25] EN [54] COAXIAL CAVITY ANTENNA [54] ANTENNE A CAVITE COAXIALE [72] ACKERMAN, RANDEL E., US [72] RUDD, WILLIAM E., US [72] JAEGER, RODNEY H., US [72] HOLZHEIMER, TIMOTHY R., US [71] RAYTHEON COMPANY, US [85] 2001-04-20 [86] 1999-10-15 (PCT/US99/24184) [87] 2000-04-27 (WO00/24084) [30] US (60/104,968) 1998-10-20</p>	

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<p style="text-align: right;">[21] 2,347,014 [13] A1</p> <p>[51] Int.Cl. 7A61B 18/14 [25] EN [54] OPEN VESSEL SEALING FORCEPS WITH DISPOSABLE ELECTRODES [54] PINCE DE SUTURE DE VAISSEAUX OUVERTS DOTEE D'ELECTRODES [72] TETZLAFF, PHILIP M., US [72] FRAZIER, RANDEL A., US [72] LANDS, MICHAEL J., US [72] LUKIANOW, STEPHEN W., US [72] BUYSEE, STEVEN P., US [72] LAWES, KATE R., US [72] SCHMALTZ, DALE F., US [71] SHERWOOD SERVICES AG, CH [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/24869) [87] 2000-05-04 (WO00/24330) [30] US (09/177,950) 1998-10-23 [30] US (09/178,027) 1998-10-23</p>	<p style="text-align: right;">[21] 2,347,036 [13] A1</p> <p>[51] Int.Cl. 6C07C 219/06 6C11D 3/00 6C11D 17/00 6C07C 219/08 6A01N 33/12 6C11D 1/46 6A61K 7/50 6C11D 1/62 [25] EN [54] POLYESTER POLYQUATERNARY COMPOUNDS, COMPOSITIONS CONTAINING THEM, AND USES THEREOF [54] COMPOSES DE POLYESTER POLYQUATERNAIRES, COMPOSITIONS LES RENFERMANT ET LEUR UTILISATION [72] POFFENBERGER, CRAIG, US [72] WHITTLINGER, DAVID E., US [72] MANNING, MONNA, US [72] HOU, WANGQI, US [72] FRIEDLI, FLOYD E., US [72] KEYS, ROBERT O., US [72] DALRYMPLE, DAMON M., US [71] GOLDSCHMIDT CHEMICAL CORPORATION, US [85] 2001-04-11 [86] 1998-10-13 (PCT/US98/21683) [87] 2000-04-20 (WO00/21918)</p>	<p style="text-align: right;">[21] 2,347,046 [13] A1</p> <p>[51] Int.Cl. 7H04L 29/06 [25] EN [54] METHOD AND SYSTEM FOR THE PREVENTION OF UNDESIRABLE ACTIVITIES OF EXECUTABLE OBJECTS [54] TECHNIQUE ET SYSTEME VISANT A EVITER DES ACTIVITES INDESIRABLES D'OBJETS EXECUTABLES [72] BEN ADERET, FABIAN, IL [72] ELGRESSY, DORON, IL [71] COMPUTER ASSOCIATES THINK, INC., US [85] 2001-04-11 [86] 1999-10-13 (PCT/IL99/00539) [87] 2000-04-20 (WO00/22796) [30] IL (126587) 1998-10-15</p>
<p style="text-align: right;">[21] 2,347,025 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/10 7C07K 14/47 [25] EN [54] ZINC FINGER BINDING DOMAINS FOR GNN [54] DOMAINES DE LIAISON DES DOIGTS DE ZINC POUR GNN [72] BARBAS, CARLOS F., US [71] NOVARTIS AG, CH [85] 2001-04-11 [86] 1999-10-14 (PCT/EP99/07742) [87] 2000-04-27 (WO00/23464) [30] US (09/173,941) 1998-10-16</p>	<p style="text-align: right;">[21] 2,347,043 [13] A1</p> <p>[51] Int.Cl. 6A23G 1/02 [25] EN [54] LOW-FLAVOR COCOA, A METHOD OF ITS PRODUCTION AND A USE THEREOF [54] CACAO FAIBLE EN AROME, SON PROCEDE DE PRODUCTION ET SES UTILISATIONS [72] LINDBLOM, MARIANNE GUNILLA, SE [72] BIEHL, BOLE, DE [71] KRAFT JACOBS SUCHARD R&D, INC., DE [85] 2001-04-11 [86] 1998-10-15 (PCT/EP98/06550) [87] 2000-04-27 (WO00/22935)</p>	<p style="text-align: right;">[21] 2,347,049 [13] A1</p> <p>[51] Int.Cl. 6C08G 18/67 6C08G 18/81 [25] EN [54] MOULDED BODIES MADE FROM A POLYURETHANE MATERIAL, PRODUCTION AND USE THEREOF [54] CORPS MOULE EN POLYURETHANNE, SON PROCEDE DE PRODUCTION ET SON UTILISATION [72] BUCHEL, THOMAS, LI [71] BUCHEL, THOMAS, LI [85] 2001-04-11 [86] 1998-10-15 (PCT/EP98/06558) [87] 2000-04-27 (WO00/23493)</p>
		<p style="text-align: right;">[21] 2,347,051 [13] A1</p> <p>[51] Int.Cl. 7H04B 7/185 [25] EN [54] SATELLITE TELECOMMUNICATION SYSTEM WITH STORAGE OF MESSAGES IN ELECTRONIC MAILBOXES [54] SYSTEME DE TELECOMMUNICATIONS PAR SATELLITE A STOCKAGE DE MESSAGES DANS DES BOITES A LETTRES ELECTRONIQUES [72] NIBBELING, HENRICUS THEODORUS MARIA, NL [71] KONINKLIJKE KPN N.V., NL [85] 2001-04-11 [86] 1999-11-16 (PCT/EP99/09045) [87] 2000-06-02 (WO00/31897) [30] NL (1010597) 1998-11-19</p>

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[21] **2,347,052**
[13] A1
[51] **Int.Cl. 7G02C 5/22**
[25] EN
[54] **AN INCLINATION JOINT FOR A SPECTACLE SIDE**
[54] **ARTICULATION D'INCLINAISON POUR BRANCHE DE LUNETTES**
[72] SPINDELBALKER, RUPERT, AT
[71] SILHOUETTE INTERNATIONAL SCHMIED GMBH & CO. KG, AT
[85] 2001-04-11
[86] 1999-09-16 (PCT/AT99/00227)
[87] 2000-04-20 (WO00/22476)
[30] AT (A 1695/98) 1998-10-12

[21] **2,347,054**
[13] A1
[51] **Int.Cl. 7G01N 33/53 7G01N 33/18 7G01N 33/24 7C07K 16/44 7G01N 33/531 7G01N 33/543 7G01N 33/577**
[25] EN
[54] **LINKER-ASSISTED IMMUNOASSAY FOR GLYPHOSATE**
[54] **IMMUNODOSAGE DU GLYPHOSATE, AU MOYEN D'UN SEGMENT DE LIAISON**
[72] BHULLAR, BALWANT S., US
[71] OSBORN GROUP, INC., US
[85] 2001-04-11
[86] 1999-09-08 (PCT/US99/20494)
[87] 2000-03-16 (WO00/14538)
[30] US (60/099,612) 1998-09-09

[21] **2,347,056**
[13] A1
[51] **Int.Cl. 7H04B 3/00 7H05C 3/00**
[25] EN
[54] **SYSTEM AND METHOD FOR ELECTRONICALLY SIGNALLING ALONG A FENCE LINE**
[54] **SYSTEME ET PROCEDE DE SIGNALISATION ELECTRONIQUE LE LONG D'UNE CLOTURE**
[72] GREAGER, DAVID CRISTEN, NZ
[72] TEAL, PAUL, NZ
[72] DEUSS, EBERHARD JUERGEN, NZ
[71] ULLRICH HOLDINGS LTD., NZ
[85] 2001-04-11
[86] 1999-10-14 (PCT/NZ99/00173)
[87] 2000-04-20 (WO00/22750)
[30] NZ (332343) 1998-10-15
[30] NZ (332344) 1998-10-15

[21] **2,347,059**
[13] A1
[51] **Int.Cl. 6F02C 3/30 6F02C 6/18**
[25] EN
[54] **GAS TURBINE POWER GENERATION EQUIPMENT AND AIR HUMIDIFYING APPARATUS**
[54] **EQUIPEMENT DE GENERATION D'ENERGIE DE TURBINE A GAZ ET DISPOSITIF D'HUMIDIFICATION D'AIR**
[72] HATAMIYA, SHIGEO, JP
[72] YAMAGISHI, MASAHIKO, JP
[72] YOKOMIZO, OSAMU, JP
[71] HITACHI, LTD., JP
[85] 2001-04-11
[86] 1998-10-23 (PCT/JP98/04811)
[87] 2000-05-04 (WO00/25009)

[21] **2,347,060**
[13] A1
[51] **Int.Cl. 7C07D 277/48 7C07D 221/00 7C07D 235/00 7C07D 317/00 7C07D 471/04 7C07D 471/10 7C07D 491/10 7C07D 417/12 7C07D 417/14 7A61K 31/426 7A61K 31/427**
[25] EN
[54] **2-UREIDO-THIAZOLE DERIVATIVES, PROCESS FOR THEIR PREPARATION, AND THEIR USE AS ANTITUMOR AGENTS**
[54] **DERIVES DE 2-UREIDOTHIAZOLS, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME AGENTS ANTITUMORAUX**
[72] TRAQUANDI, GABRIELLA, IT
[72] VILLA, MANUELA, IT
[72] VULPETTI, ANNA, IT
[72] ISACCHI, ANTONELLA, IT
[72] AMICI, RAFFAELLA, IT
[72] PEVARELLO, PAOLO, IT
[71] PHARMACIA & UPJOHN SPA, IT
[85] 2001-04-11
[86] 1999-10-27 (PCT/EP99/08307)
[87] 2000-05-11 (WO00/26203)
[30] GB (9823873.6) 1998-10-30

[21] **2,347,107**
[13] A1
[51] **Int.Cl. 7A61K 38/19 7A61P 3/00 7A61P 19/08 7A61K 47/36 7C07K 14/52**
[25] EN
[54] **REMEDIES FOR BONE METABOLIC ERRORS**
[54] **AGENTS THERAPEUTIQUES POUR DEFORMATIONS OSSEUSES**
[72] HIGASHIO, KANJI, JP
[72] TSUDA, EISUKE, JP
[72] MOCHIZUKI, SHINICHI, JP
[72] FUJISE, NOBUAKI, JP
[72] MASUYAMA, CHIHARU, JP
[71] SANKYO CO., LTD., JP
[71] SNOW BRAND MILK PRODUCTS CO., LTD., JP
[85] 2001-04-18
[86] 1999-10-28 (PCT/JP99/05963)
[87] 2000-05-04 (WO00/24416)
[30] JP (10-322874) 1998-10-28

[21] **2,347,108**
[13] A1
[51] **Int.Cl. 7A61K 9/12 7A61K 9/06**
[25] EN
[54] **AEROSOL OINTMENT COMPOSITIONS AND METHOD OF MANUFACTURE**
[54] **COMPOSITIONS AEROSOL COMPRENANT UN ONGUENT ET LEUR PROCEDE DE PREPARATION**
[72] OSIPOW, LLOYD I., US
[72] MARRA, DOROTHEA C., US
[72] SPITZER, J. GEORGE, US
[71] OMS HOLDINGS, LLC, US
[85] 2001-04-18
[86] 1999-03-31 (PCT/US99/07068)
[87] 2000-04-27 (WO00/23051)
[30] US (09/174,858) 1998-10-19
[30] US (09/281,162) 1999-03-30

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[21] **2,347,109**
[13] A1

[51] **Int.Cl. 7A61K 31/57 7A61K 7/48 7A61K 31/56**
[25] EN
[54] **FLUTICASONE LOTION HAVING IMPROVED VASOCONSTRICTOR ACTIVITY**
[54] **LOTION DE FLUTICASONE AVEC UNE ACTION VASOCONSTRICTRICE AMELIOREE**
[72] LATHROP, ROBERT WILLIAM, US
[72] RAJAGOPALAN, RUKMINI, US
[72] JOHNSON, KEITH ARTHUR, US
[72] KELLY, FRANCES FURR, US
[72] DOW, GORDON J., US
[71] GLAXO GROUP LIMITED, GB
[85] 2001-04-18
[86] 1999-10-20 (PCT/GB99/03472)
[87] 2000-05-04 (WO00/24401)
[30] GB (9823036.0) 1998-10-22

[21] **2,347,110**
[13] A1

[51] **Int.Cl. 7A61K 31/728 7A61P 17/16**
[25] EN
[54] **A METHOD FOR PREVENTING, REDUCING, AND TREATING RADIATION CYSTITIS USING HYALURONIC ACID**
[54] **METHODE DE PREVENTION, D'ELIMINATION, D'ATTENUATION ET DE TRAITEMENT DE LA CYSTITIS RADIQUE AU MOYEN D'ACIDE HYALURONIQUE**
[72] POMMERVILLE, PETER J., CA
[71] BIONICHE LIFE SCIENCES INC., CA
[85] 2001-04-19
[86] 1999-10-22 (PCT/CA99/00994)
[87] 2000-05-04 (WO00/24387)
[30] US (60/105,184) 1998-10-22

[21] **2,347,117**
[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61P 3/06 7A61P 39/06 7A61P 3/10 7A61P 9/10 7A61K 31/137 7A61K 31/4415**
[25] EN
[54] **METHODS FOR INHIBITING DIABETIC COMPLICATIONS**
[54] **PROCEDES POUR INHIBER LES COMPLICATIONS DIABETIQUES**
[72] KHALIFAH, RAJA GABRIEL, US
[72] DEGENHARDT, THORSTEN P., US
[72] HUDSON, BILLY, US
[72] BAYNES, JOHN W., US
[72] THORPE, SUZANNE R., US
[72] ALDERSON, NATHAN, US
[71] UNIVERSITY OF SOUTH CAROLINA, US
[71] KANSAS UNIVERSITY MEDICAL CENTER RESEARCH INSTITUTE INC., US
[71] KANSAS UNIVERSITY MEDICAL CENTER RESEARCH INSTITUTE, US
[85] 2001-04-19
[86] 1999-10-21 (PCT/US99/24611)
[87] 2000-04-27 (WO00/23063)
[30] US (60/105,182) 1998-10-22

[21] **2,347,118**
[13] A1

[51] **Int.Cl. 7A61K 9/107 7A61P 23/00 7A61K 31/05 7A61K 47/18**
[25] EN
[54] **PROPOFOL COMPOSITION COMPRISING PENTETATE**
[54] **COMPOSITION A BASE DE PROPOFOL CONTENANT DU PENTETATE**
[72] GEORGE, MARY MATHEW, US
[71] AMERICAN HOME PRODUCTS CORPORATION, US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24906)
[87] 2000-04-27 (WO00/23050)
[30] US (09/176,881) 1998-10-22

[21] **2,347,119**
[13] A1

[51] **Int.Cl. 7A61K 38/16 7A61K 38/17**
[25] EN
[54] **INHIBITION OF DIFFERENTIATION OF CYTOTOXIC T-CELLS BY P-SELECTIN LIGAND (PSGL) ANTAGONISTS**
[54] **INHIBITION DE LA DIFFERENTIATION DES LYMPHOCYTES T CYTOTOXIQUES PAR DES ANTAGONISTES DU LIGAND DE P-SELECTINE (PSGL)**
[72] MANJUNATH, NARASIMHASWAMY, US
[72] HANS VON ANDRIAN, ULRICH, US
[71] GENETICS INSTITUTE, INC., US
[71] CBR LABORATORIES, INC., US
[85] 2001-04-20
[86] 1999-10-29 (PCT/US99/25501)
[87] 2000-05-11 (WO00/25808)
[30] US (60/106,315) 1998-10-30

[21] **2,347,146**
[13] A1

[51] **Int.Cl. 7C07F 17/02 7C07B 53/00**
[25] EN
[54] **CHIRAL LIGANDS FOR ASYMMETRIC CATALYSIS**
[54] **LIGANDS CHIRAUX POUR CATALYSE ASYMETRIQUE**
[72] BURK, MARK JOSEPH, US
[72] BERENS, ULRICH, DE
[72] GERLACH, ARNE, DE
[71] CHIROTECH TECHNOLOGY LIMITED, GB
[85] 2001-04-19
[86] 1999-11-03 (PCT/GB99/03637)
[87] 2000-05-18 (WO00/27855)
[30] GB (PCT/GB98/03321) 1998-11-05
[30] GB (9911068.6) 1999-05-12

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[21] **2,347,149**
[13] A1

[51] **Int.Cl. 7A61B 3/113 7G06K 9/00 7A61B 18/20**
[25] EN
[54] **EYE TRACKER FOR REFRACTIVE SURGERY**
[54] **APPAREIL DE POURSUITE OCULAIRE AUTOMATIQUE POUR LA CHIRURGIE REFRACTIVE**
[72] VAN SAARLOOS, PAUL PHILLIP, AU
[72] TAYLOR, NATALIE MARGUERITA, AU
[71] Q-VIS LIMITED, AU
[85] 2001-04-19
[86] 1999-11-08 (PCT/AU99/00978)
[87] 2000-05-18 (WO00/27273)
[30] AU (PP 6973) 1998-11-06

[21] **2,347,152**
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A23K 1/175 7C07C 319/20 7C07C 323/52**
[25] EN
[54] **CHELATED FEED ADDITIVE AND METHOD OF PREPARATION**
[54] **ADDITIF ALIMENTAIRE CHELATE ET SON PROCEDE DE PREPARATION**
[72] CIRIBOLLA, ANTONIO, IT
[71] AGRISTUDIO S.R.L., IT
[85] 2001-04-19
[86] 1999-07-19 (PCT/IT99/00225)
[87] 2000-09-14 (WO00/53032)
[30] IT (RE99A000028) 1999-03-05

[21] **2,347,153**
[13] A1

[51] **Int.Cl. 6A61N 1/18 6A61N 1/20**
[25] EN
[54] **APPARATUS FOR ELECTROPORATION MEDIATED DELIVERY OF DRUGS AND GENES**
[54] **APPAREIL D'ADMINISTRATION DE MEDICAMENTS ET DE GENES PAR ELECTROPORATION**
[72] HOFFMAN, GUNTER A., US
[71] GENETRONICS, INC., US
[85] 2001-04-19
[86] 1999-10-21 (PCT/US99/24787)
[87] 2000-04-27 (WO00/23143)
[30] US (09/177,678) 1998-10-22

[21] **2,347,154**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **HELICAL STENT DESIGN**
[54] **CONCEPTION D'EXTENSEUR HELICOIDAL**
[72] DORAN, BURNS P., US
[72] JUDNITCH, ROBERT T., US
[72] KVEEN, GRAIG L., US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2001-04-19
[86] 1999-10-12 (PCT/US99/23797)
[87] 2000-05-04 (WO00/24340)
[30] US (09/178,457) 1998-10-23

[21] **2,347,157**
[13] A1

[51] **Int.Cl. 7A01G 13/02**
[25] EN
[54] **AGENT FOR COVERING A SOIL SURFACE**
[54] **AGENT PERMETTANT DE COUVRIR UN SOL**
[72] ADRIAANSE, CORNELIS THEODORUS JOZEF MARIA, NL
[71] LAC HOLDING B.V., NL
[85] 2001-04-19
[86] 1999-10-18 (PCT/NL99/00648)
[87] 2000-04-27 (WO00/22916)
[30] NL (1010368) 1998-10-21

[21] **2,347,159**
[13] A1

[51] **Int.Cl. 7C11B 1/00 7C11B 1/02 7C11B 1/12**
[25] EN
[54] **PROCESS FOR SEPARATING LIPIDS AND PROTEINS FROM BIOLOGICAL MATERIAL**
[54] **PROCEDE PERMETTANT DE SEPARER DES LIPIDES ET DES PROTEINES D'UNE MATIERE VIVANTE**
[72] JANSSON, STIG, NO
[72] ELVEVOLL, EDEL, IT
[71] MARINE LIPIDS AS, NO
[85] 2001-04-19
[86] 1999-10-21 (PCT/NO99/00321)
[87] 2000-04-27 (WO00/23545)
[30] NO (19984896) 1998-10-21

[21] **2,347,160**
[13] A1

[51] **Int.Cl. 7G01N 30/26 7G01N 30/34 7G01N 30/88**
[25] EN
[54] **METHOD OF SEPARATING HEMOGLOBIN A2**
[54] **METHODE DE SEPARATION DE L'HEMOGLOBINE A2**
[72] OISHI, KAZUYUKI, JP
[72] SETOGUCHI, YUJI, JP
[72] SHIMADA, KAZUHIKO, JP
[72] KAWABE, TOSHIKI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2001-04-19
[86] 2000-09-22 (PCT/JP00/06488)
[87] 2001-03-29 (WO01/22077)
[30] JP (11/271036) 1999-09-24
[30] JP (2000/229328) 2000-07-28

[21] **2,347,162**
[13] A1

[51] **Int.Cl. 7H03C 1/62**
[25] EN
[54] **SYSTEM AND METHOD FOR FREQUENCY UP-CONVERSION**
[54] **SYSTEME ET PROCEDE DE TRANSPOSITION DE FREQUENCE**
[72] RAWLINS, MICHAEL W., US
[72] SORRELLS, DAVID F., US
[72] COOK, ROBERT W., US
[72] MOSES, CHARLEY D., JR., US
[72] BULTMAN, MICHAEL J., US
[72] LOOKE, RICHARD C., US
[72] RAWLINS, GREGORY S., US
[71] PARKERVISION, INC., US
[85] 2001-04-19
[86] 1999-10-18 (PCT/US99/24127)
[87] 2000-04-27 (WO00/24116)
[30] US (09/176,154) 1998-10-21
[30] US (09/176,022) 1998-10-21
[30] US (09/293,580) 1999-04-16
[30] US (09/293,095) 1999-04-16
[30] US (09/293,342) 1999-04-16

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[21] **2,347,168**
[13] A1

[51] **Int.Cl. 7G03B 29/00 7A63F 13/00 7B41J 2/01 7G03B 17/02 7G03B 19/02 7H04M 1/03 7G06F 3/033 7G06C 11/04 7G06F 3/12 7B41J 2/175 7G03B 27/52 7H04N 5/765**

[25] EN
[54] **DIGITAL CAMERA DEVICE WITH INTERNAL PRINTER**
[54] **DISPOSITIF A CAMERA NUMERIQUE DOTE D'UNE IMPRIMANTE INTERNE**
[72] SILVERBROOK, KIA, AU
[72] KING, TOBIN ALLEN, AU
[71] SILVERBROOK RESEARCH PTY. LIMITED, AU
[85] 2001-04-19
[86] 1999-11-09 (PCT/AU99/00985)
[87] 2000-05-18 (WO00/28379)
[30] AU (PP 7020) 1998-11-09
[30] AU (PP 7021) 1998-11-09
[30] AU (PP 7027) 1998-11-09
[30] AU (PP 7019) 1998-11-09
[30] AU (PP 7017) 1998-11-09
[30] AU (PP 7026) 1998-11-09

[21] **2,347,169**
[13] A1

[51] **Int.Cl. 7F04D 33/00**

[25] FR
[54] **POMPE MOLECULAIRE**
[54] **MOLECULAR PUMP**
[72] VANDEN BRANDE, PIERRE, BE
[72] WEYMEERSCH, ALAIN, BE
[71] VANDEN BRANDE, PIERRE, BE
[71] WEYMEERSCH, ALAIN, BE
[85] 2001-04-18
[86] 1999-10-15 (PCT/BE99/00127)
[87] 2000-04-27 (WO00/23715)
[30] EP (98203502.4) 1998-10-20

[21] **2,347,191**
[13] A1

[51] **Int.Cl. 7G06F 9/44**

[25] EN
[54] **COMPONENT-BASED SOURCE CODE GENERATOR**
[54] **GENERATEUR DE CODE SOURCE BASE SUR LES COMPOSANTS**
[72] BRASSARD, MICHEL, CA
[71] CODAGEN TECHNOLOGIES CORP., CA
[85] 2001-04-11
[86] 1999-10-12 (PCT/CA99/00929)
[87] 2000-04-20 (WO00/22517)
[30] US (60/104,014) 1998-10-13
[30] US (60/145,214) 1999-07-23

[21] **2,347,218**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C12P 21/02**

[25] EN
[54] **NOVEL DNA FRAGMENT ELEVATING GENE EXPRESSION DOSE**
[54] **NOUVEAU FRAGMENT D'ADN ELEVANT LE NIVEAU D'EXPRESSION GENIQUE**
[72] TAKAKURA, YOSHIMITSU, JP
[72] UEKI, JUN, JP
[71] JAPAN TOBACCO INC., JP
[85] 2001-04-18
[86] 2000-08-18 (PCT/JP00/05539)
[87] 2001-03-01 (WO01/14543)
[30] JP (11/232815) 1999-08-19

[21] **2,347,220**
[13] A1

[51] **Int.Cl. 7A22C 21/00**

[25] EN
[54] **FILLETING DEVICE**
[54] **DISPOSITIF POUR ENLEVER DES FILETS**
[72] TORKLER, CONRAD, DE
[72] DIESING, KARL-HEINZ, DE
[72] EVERS, REINHARD, DE
[72] LANDT, ANDREAS, DE
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2001-04-18
[86] 1999-10-16 (PCT/EP99/07867)
[87] 2000-04-27 (WO00/22933)
[30] DE (198 48 498.4) 1998-10-21

[21] **2,347,222**
[13] A1

[51] **Int.Cl. 7B65D 5/72**

[25] EN
[54] **FOLDING BOX**
[54] **BOITE PLIANTE**
[72] VON STILLFRIED, CHRISTOPH, DE
[72] ITALIAANDER, KURT, DE
[71] VON STILLFRIED, CHRISTOPH, DE
[85] 2001-04-18
[86] 2000-08-14 (PCT/EP00/07935)
[87] 2001-03-01 (WO01/14215)
[30] EP (99116322.1) 1999-08-19

[21] **2,347,223**
[13] A1

[51] **Int.Cl. 7B01D 53/86 7B01J 23/00**

[25] EN
[54] **HIGH-TEMPERATURE STABLE CATALYSTS FOR DECOMPOSING N2O**
[54] **CATALYSEURS STABLES AUX TEMPERATURES ELEVEES POUR LA DECOMPOSITION DU N2O**
[72] BURGER, GERT, DE
[72] WISTUBA, HERMANN, DE
[72] HESSE, MICHAEL, DE
[72] HOFSTADT, OTTO, DE
[72] BAIER, MICHAEL, DE
[72] HARTH, KLAUS, DE
[72] SCHUMACHER, VOLKER, DE
[72] FETZER, THOMAS, DE
[72] OTTO, BERNHARD, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2001-04-18
[86] 1999-10-18 (PCT/EP99/07889)
[87] 2000-04-27 (WO00/23176)
[30] DE (198 48 595.6) 1998-10-21

[21] **2,347,230**
[13] A1

[51] **Int.Cl. 7H03M 9/00 7G11C 8/00 7G11C 7/10**

[25] EN
[54] **SERIAL-TO-PARALLEL/PARALLEL-TO-SERIAL CONVERSION ENGINE**
[54] **MOTEUR DE CONVERSION SERIE-PARALLELE/PARALLELE-SERIE**
[72] GOLDSTEIN, JASON A., US
[71] OCTAVE COMMUNICATIONS, INC., US
[85] 2001-04-18
[86] 1999-10-23 (PCT/US99/24853)
[87] 2000-05-04 (WO00/25431)
[30] US (60/105,369) 1998-10-23

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[21] **2,347,232**
[13] A1
[51] **Int.Cl. 7F23B 7/00 7F23G 5/02 7F23G 7/04 7F23N 5/18**
[25] EN
[54] **CO-COMBUSTION OF WASTE SLUDGE IN MUNICIPAL WASTE COMBUSTORS AND OTHER FURNANCES**
[54] **COMBUSTION MIXTE DE BOUES RESIDUAIRES DANS DES CHAMBRES MUNICIPALES DE COMBUSTION DE RESIDUS URBAINS ET DANS D'AUTRES INCINERATEURS**
[72] RICHARDSON, LARRY D., US
[72] BEAUMONT, E. LARRY, US
[72] ROUSSEAU, KEVIN G., US
[71] ECO/TECHNOLOGIES, LLC, US
[85] 2011-04-18
[86] 1999-10-19 (PCT/US99/24353)
[87] 2000-04-27 (WO00/23747)
[30] US (60/104,806) 1998-10-19

[21] **2,347,234**
[13] A1
[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS FOR AN ACCOUNT LEVEL OFFER OF CREDIT AND REAL TIME BALANCE TRANSFER**
[54] **PROCEDE ET APPAREIL D'OFFRES DE CREDIT SELON LE SOLDE DU COMPTE ET DE TRANSFERT DE SOLDE EN TEMPS REEL**
[72] CAI, YINZI, US
[72] LENT, MARY, US
[72] COLTRELL, TIMOTHY J., US
[72] MEEKS, ERIC R., US
[72] DOWHAN, DAVID W., US
[72] LENT, JEREMY R., US
[71] NEXTCARD, INC., US
[85] 2001-04-18
[86] 1999-10-25 (PCT/US99/25084)
[87] 2000-05-11 (WO00/26832)
[30] US (09/185,000) 1998-11-03

[21] **2,347,236**
[13] A1
[51] **Int.Cl. 7G01R 31/28**
[25] EN
[54] **INTEGRATED MULTI-CHANNEL ANALOG TEST INSTRUMENT ARCHITECTURE**
[54] **ARCHITECTURE D'INSTRUMENT D'ESSAI ANALOGIQUE, MULTIVOIE ET INTEGRE**
[72] CHEN, JIANN-NENG, US
[72] LOPES, TERESA P., US
[72] ARENA, JOHN J., US
[72] LIND, DAVID J., US
[72] DAVIS, RICHARD P., US
[72] TRUEBENBACH, ERIC L., US
[71] TERADYNE, INC., US
[85] 2001-04-18
[86] 1999-10-14 (PCT/US99/23954)
[87] 2000-04-27 (WO00/23809)
[30] US (09/174,866) 1998-10-19

[21] **2,347,247**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C12N 9/02 7C12N 9/64 7C07K 14/705 7C07K 14/72**
[25] EN
[54] **GENES FOR ASSESSING CARDIOVASCULAR STATUS AND COMPOSITIONS FOR USE THEREOF**
[54] **GENES D'EVALUATION D'ETAT CARDIO-VASCULAIRE ET COMPOSITIONS D'UTILISATIONS ASSOCIEES**
[72] JONSSON, LENA, SE
[72] ANDERSSON, MARIA KRISTINA, SE
[72] LINDSTROM, PER HARRY RUTGER, SE
[72] NORBERG, LEIF TORBJORN, SE
[71] PYROSEQUENCING AB, SE
[85] 2001-04-12
[86] 1999-10-13 (PCT/IB99/01678)
[87] 2000-04-20 (WO00/22166)
[30] US (60/104,286) 1998-10-14
[30] US (60/104,302) 1998-10-14

[21] **2,347,248**
[13] A1
[51] **Int.Cl. 7C12N 5/00 7C07K 1/00 7C07K 16/00 7A01N 61/00 7C12N 15/00 7C12P 21/06 7A01N 37/18**
[25] EN
[54] **SURFACTANT PROTEIN D FOR THE PREVENTION AND DIAGNOSIS OF PULMONARY EMPHYSEMA**
[54] **LA PROTEINE TENSIOACTIVE D SERVANT AU DIAGNOSTIC ET AU TRAITEMENT DE L'EMPHYSEME PULMONAIRE**
[72] WHITSETT, JEFFREY A., US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2001-04-18
[86] 1999-10-20 (PCT/US99/24675)
[87] 2000-04-27 (WO00/23569)
[30] US (60/104,941) 1998-10-20

[21] **2,347,250**
[13] A1
[51] **Int.Cl. 7A61K 38/48 7A61P 7/02 7A61P 31/04 7A61K 38/17**
[25] EN
[54] **METHODS FOR TREATING SEPSIS**
[54] **METHODES DE TRAITEMENT DE LA SEPTICEMIE**
[72] FISHER, CHARLES JACK, US
[72] YAN, SAU-CHI BETTY, US
[71] ELI LILLY AND COMPANY, US
[85] 2001-04-20
[86] 1999-10-15 (PCT/US99/24409)
[87] 2000-04-27 (WO00/23101)
[30] US (60/105,239) 1998-10-22

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<p style="text-align: center;">[21] 2,347,293 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/12 7A61K 48/00 7A61K 38/17 7C07K 16/18 7C07K 14/705 7C07K 14/715</p> <p>[25] EN</p> <p>[54] NUCLEIC ACIDS ENCODING OSTEOPROTEGERIN-LIKE PROTEINS AND METHODS OF USING SAME</p> <p>[54] ACIDES NUCLEIQUES CODANT POUR DES PROTEINES SEMBLABLES A L'OSTEOPROTEGERINE ET METHODES D'UTILISATION ASSOCIEES</p> <p>[72] LICHENSTEIN, HENRI, US</p> <p>[72] MCDONALD, WILLIAM F., US</p> <p>[72] SHIMKETS, RICHARD A., US</p> <p>[72] YANG, MEIJIA, US</p> <p>[71] CURAGEN CORPORATION, US</p> <p>[85] 2001-04-20</p> <p>[86] 1999-10-22 (PCT/US99/24913)</p> <p>[87] 2000-05-04 (WO00/24771)</p> <p>[30] US (60/105,481) 1998-10-23</p> <p>[30] US (60/156,993) 1999-10-01</p> <p>[30] US (09/422,680) 1999-10-21</p>	<p style="text-align: center;">[21] 2,347,306 [13] A1</p> <p>[51] Int.Cl. 6C09J 153/02 6C09J 171/12</p> <p>[25] EN</p> <p>[54] ADHESIVE COMPOSITION CONTAINING A BLOCK COPOLYMER COMPOSITION AND POLYPHENYLENE OXIDE RESIN AND PRODUCTS THEREOF</p> <p>[54] COMPOSITION ADHESIVE CONTENANT UNE COMPOSITION DE COPOLYMER SEQUENCE ET UNE RESINE DE POLY(PHENYLENE OXYDE) AINSI QUE LES PRODUITS DERIVES</p> <p>[72] KOBE, JAMES J., US</p> <p>[72] YARUSSO, DAVID J., US</p> <p>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US</p> <p>[85] 2001-04-18</p> <p>[86] 1998-10-28 (PCT/US98/22920)</p> <p>[87] 2000-05-04 (WO00/24840)</p>	<p style="text-align: center;">[21] 2,347,356 [13] A1</p> <p>[51] Int.Cl. 7C09K 21/14 7C08L 101/00 7C08G 79/08</p> <p>[25] EN</p> <p>[54] FLAME RETARDANT AND FLAME-RETARDANT RESIN COMPOSITION CONTAINING THE SAME</p> <p>[54] IGNIFUGEANT ET COMPOSITION IGNIFUGE A BASE DE RESINE CONTENANT CET IGNIFUGEANT</p> <p>[72] MATSUMOTO, KAZUAKI, JP</p> <p>[72] ONO, YOSHITAKA, JP</p> <p>[72] TSUNEISHI, HIROSHI, JP</p> <p>[71] KANEKA CORPORATION, JP</p> <p>[85] 2001-04-18</p> <p>[86] 2000-08-24 (PCT/JP00/05658)</p> <p>[87] 2001-03-01 (WO01/14499)</p> <p>[30] JP (11/237497) 1999-08-24</p> <p>[30] JP (11/304446) 1999-10-26</p> <p>[30] JP (11/336569) 1999-11-26</p>
<p style="text-align: center;">[21] 2,347,294 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/12 7A61P 35/00 7A61P 15/06 7C12P 21/08 7C07K 16/28 7C12Q 1/68 7C07K 14/705</p> <p>[25] EN</p> <p>[54] NOVEL G PROTEIN COUPLED RECEPTOR PROTEIN, DNA AND ITS LIGAND</p> <p>[54] NOUVELLE PROTEINE RECEPTRICE COUPLEE A LA PROTEINE G, LEUR ADN ET LEUR LIGAND</p> <p>[72] WATANABE, TAKUYA, JP</p> <p>[72] KITADA, CHIEKO, JP</p> <p>[72] TERA0, YASUKO, JP</p> <p>[72] OHTAKI, TETSUYA, JP</p> <p>[72] SHINTANI, YASUSHI, JP</p> <p>[72] KANEHASHI, KIMIKO, JP</p> <p>[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP</p> <p>[85] 2001-04-18</p> <p>[86] 1999-10-26 (PCT/JP99/05905)</p> <p>[87] 2000-05-04 (WO00/24890)</p> <p>[30] JP (10/305949) 1998-10-27</p> <p>[30] JP (11/27710) 1999-02-04</p> <p>[30] JP (11/57207) 1999-03-04</p> <p>[30] JP (11/276225) 1999-09-29</p>	<p style="text-align: center;">[21] 2,347,354 [13] A1</p> <p>[51] Int.Cl. 7B01D 21/24 7E21B 43/34</p> <p>[25] EN</p> <p>[54] CONVEYOR APPARATUS</p> <p>[54] APPAREIL DE TRANSPORT</p> <p>[72] SINKER, ALASTAIR BRENTON, GB</p> <p>[72] HESS, MICHAEL JAMES, GB</p> <p>[72] HADFIELD, DAVID ANDREW, GB</p> <p>[71] CYCLOTECH LTD, GB</p> <p>[85] 2001-04-18</p> <p>[86] 1999-10-27 (PCT/GB99/03545)</p> <p>[87] 2000-05-11 (WO00/25886)</p> <p>[30] GB (9823613.6) 1998-10-29</p>	<p style="text-align: center;">[21] 2,347,357 [13] A1</p> <p>[51] Int.Cl. 6A61C 3/00</p> <p>[25] EN</p> <p>[54] FRAGRANCED ORTHODONTIC APPLIANCES AND METHOD OF FORMING SAME</p> <p>[54] APPAREILS ORTHODONTIQUES PARFUMES ET LEUR PROCEDE DE FABRICATION</p> <p>[72] WOODS, TANYA L., US</p> <p>[72] MACKEY, PAUL W., BE</p> <p>[71] WOODS, TANYA L., US</p> <p>[71] MACKEY, PAUL W., BE</p> <p>[85] 2001-04-18</p> <p>[86] 1999-10-20 (PCT/US99/24631)</p> <p>[87] 2000-04-27 (WO00/23001)</p> <p>[30] US (60/105,133) 1998-10-21</p>
<p style="text-align: center;">[21] 2,347,355 [13] A1</p> <p>[51] Int.Cl. 6B01J 8/02 6B01J 8/08</p> <p>[25] EN</p> <p>[54] REACTOR DISTRIBUTION APPARATUS AND QUENCH ZONE MIXING APPARATUS</p> <p>[54] APPAREIL DE DISTRIBUTION DE REACTEUR ET MELANGEUR DE ZONE DE TREMPÉ</p> <p>[72] STUPIN, STEVEN, US</p> <p>[72] JACOBS, GARRY, US</p> <p>[72] LOGMAN, ROBERT, NL</p> <p>[72] KUSKIE, ROBERT, US</p> <p>[71] FLUOR CORPORATION, US</p> <p>[85] 2001-04-18</p> <p>[86] 1999-10-21 (PCT/US99/24920)</p> <p>[87] 2000-05-04 (WO00/24505)</p> <p>[30] US (09/177,079) 1998-10-23</p>	<p style="text-align: center;">[21] 2,347,359 [13] A1</p> <p>[51] Int.Cl. 7G10H 1/06 7G10H 1/12</p> <p>[25] EN</p> <p>[54] METHOD OF MODIFYING HARMONIC CONTENT OF A COMPLEX WAVEFORM</p> <p>[54] PROCEDE DE MODIFICATION DE LA TENEUR EN HARMONIQUES D'UNE FORME D'ONDE COMPLEXE</p> <p>[72] SMITH, JACK W., US</p> <p>[72] SMITH, PAUL REED, US</p> <p>[71] PAUL REED SMITH GUITARS, LIMITED PARTNERSHIP, US</p> <p>[85] 2001-04-18</p> <p>[86] 1999-10-29 (PCT/US99/25295)</p> <p>[87] 2000-05-11 (WO00/26897)</p> <p>[30] US (60/106,150) 1998-10-29</p>	

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[21] **2,347,360**
[13] A1
[51] **Int.Cl. 7C08L 3/02 7A23L 1/0522 7C08L 3/12**
[25] EN
[54] **HIGH-AMYLOSE STARCH-EMULSIFIER COMPOSITION AND METHODS OF MAKING**
[54] **COMPOSITION A BASE D'EMULSIFIANT D'AMIDON A FORTE TENEUR EN AMYLOSE ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] RUDIE, NOEL G., US
[72] YUAN, CHIENKUO RONNIE, US
[71] OPTA FOOD INGREDIENTS, INC., US
[85] 2001-04-18
[86] 1999-10-08 (PCT/US99/23400)
[87] 2000-04-27 (WO00/23517)
[30] US (09/175,520) 1998-10-20

[21] **2,347,361**
[13] A1
[51] **Int.Cl. 6A61N 1/30**
[25] EN
[54] **TRANSDERMAL ACTIVE DRUG DELIVERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ADMINISTRATION TRANSDERMIQUE ACTIVE DE MEDICAMENT**
[72] KOOPS, GEERT-HENK, NL
[72] OSTROW, ALVIN S., IL
[72] TANNENBAUM, JOSEPH, IL
[71] ELECTROMAGNETIC BRACING SYSTEMS, INC., US
[85] 2001-04-18
[86] 1998-10-18 (PCT/IL98/00505)
[87] 2000-04-27 (WO00/23144)

[21] **2,347,362**
[13] A1
[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS FOR A VERIFIABLE ON LINE REJECTION OF AN APPLICANT FOR CREDIT**
[54] **PROCEDE ET APPAREIL DE REJET EN LIGNE VERIFIABLE DE LA DEMANDE DE CREDIT D'UN EMPRUNTEUR POTENTIEL**
[72] DOWHAN, DAVID W., US
[72] MEEKS, ERIC R., US
[72] LENT, JEREMY R., US
[72] COLTRELL, TIMOTHY J., US
[72] LENT, MARY, US
[72] CAI, YINZI, US
[71] NEXTCARD, INC., US
[85] 2001-04-18
[86] 1999-10-25 (PCT/US99/25085)
[87] 2000-05-11 (WO00/26833)
[30] US (09/185,878) 1998-11-03

[21] **2,347,397**
[13] A1
[51] **Int.Cl. 7E06C 7/42 7E06C 7/48**
[25] EN
[54] **SLIPPING-PREVENTION MEANS FOR LADDERS**
[54] **DISPOSITIF ANTI-DERAPAGE POUR ECHELLES**
[72] LAUG, HORST, DE
[71] LAUG, HORST, DE
[85] 2001-02-13
[86] 1999-06-15 (PCT/DE99/01757)
[87] 2000-02-24 (WO00/09850)
[30] DE (198 36 977.8) 1998-08-14

[21] **2,347,409**
[13] A1
[51] **Int.Cl. 7C07K 14/47 7C12N 15/12 7C07K 16/18**
[25] EN
[54] **HUMAN PROTEINS STAM2A AND STAM2B AND CDNAS ENCODING THESE MOLECULES**
[54] **PROTEINES HUMAINES STAM2A ET STAM2B ET ADNC CODANT CES MOLECULES**
[72] ENDO, KAZUHIRO, JP
[72] SUGAMURA, KAZUO, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[85] 2001-04-17
[86] 1999-10-19 (PCT/JP99/05756)
[87] 2000-04-27 (WO00/23468)
[30] JP (10/296465) 1998-10-19

[21] **2,347,411**
[13] A1
[51] **Int.Cl. 7A61K 47/48**
[25] EN
[54] **VIRUS-LIKE PARTICLES FOR THE INDUCTION OF AUTOANTIBODIES**
[54] **PARTICULES ASSIMILEES A DES VIRUS POUR L'INDUCTION D'ANTICORPS**
[72] SCHILLER, JOHN T., US
[72] CHACKERIAN, BRYCE, US
[72] LOWY, DOUGLAS R., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US
[85] 2001-04-19
[86] 1999-10-20 (PCT/US99/24548)
[87] 2000-04-27 (WO00/23955)
[30] US (60/105,132) 1998-10-21

[21] **2,347,535**
[13] A1
[51] **Int.Cl. 7C08F 293/00**
[25] EN
[54] **COUPLED BLOCK COPOLYMERS AND PROCESS FOR PRODUCING THE BLOCK COPOLYMERS**
[54] **COPOLYMERES SEQUENCES COUPLES, ET PROCEDE DE PRODUCTION DESDITS COPOLYMERES SEQUENCES**
[72] NASH, LARRY L., US
[72] MOCZYGEMBA, GEORGE A., US
[72] KUANG, JIANXIN, US
[72] AHMED, IQBAL, US
[71] PHILLIPS PETROLEUM COMPANY, US
[85] 2001-04-17
[86] 1999-09-02 (PCT/US99/20153)
[87] 2000-04-20 (WO00/22019)
[30] US (09/172,639) 1998-10-14

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[21] **2,347,594**
[13] A1

[51] **Int.Cl. 7G01N 27/327 7C12Q 1/00**
[25] EN
[54] **GLUCOSE SENSOR**
[54] **GLUCOMETRE**
[72] YUGAWA, KEIKO, JP
[72] WATANABE, MOTOKAZU, JP
[72] YOSHIOKA, TOSHIHIKO, JP
[72] NANKAI, SHIRO, JP
[72] NAKAYAMA, JUNKO, JP
[72] MIYAZAKI, SHOJI, JP
[72] BABA, HIDEYUKI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2001-04-20
[86] 2000-10-02 (PCT/JP00/06853)
[87] 2001-04-12 (WO01/25776)
[30] JP (11/284871) 1999-10-05

[21] **2,347,615**
[13] A1

[51] **Int.Cl. 7B01D 21/26 7B04B 7/08**
[25] EN
[54] **BLOOD SEPARATION CHAMBER WITH PREFORMED BLOOD FLOW PASSAGES AND CENTRALIZED CONNECTION TO EXTERNAL TUBING**
[54] **CHAMBRE DE SEPARATION SANGUINE DOTE DE PASSAGES D'ECOULEMENT SANGUIN PREFORMES ET CONNEXION CENTRALISEE AVEC DES TUBES EXTERNES**
[72] SMITH, KELLY B., US
[72] JOIE, MICHEL L. F., BE
[72] RONDEAU, GEORGES E., BE
[72] WESTBERG, TOM, US
[72] ODAK, SANJAY V., US
[71] BAXTER INTERNATIONAL INC., US
[85] 2001-04-20
[86] 2000-08-29 (PCT/US00/23696)
[87] 2001-03-15 (WO01/17651)
[30] US (09/389,938) 1999-09-03
[30] US (09/389,935) 1999-09-03

[21] **2,347,618**
[13] A1

[51] **Int.Cl. 7B01D 21/26 7A61M 1/38**
[25] EN
[54] **BLOOD PROCESSING SYSTEMS AND METHODS WITH SENSORS TO DETECT CONTAMINATION**
[54] **SYSTEMES DE TRAITEMENT DU SANG ET PROCEDES AVEC CAPTEURS POUR LA DETECTION DE LA CONTAMINATION**
[72] SMITH, KELLY B., US
[72] MULLER, MATTHEW R., US
[72] WESTBERG, TOM, US
[72] VANDLIK, MARK R., US
[72] JOIE, MICHEL L. F., BE
[72] VISHNOI, ROHIT, US
[71] BAXTER INTERNATIONAL INC., US
[85] 2001-04-20
[86] 2000-08-29 (PCT/US00/23697)
[87] 2001-03-15 (WO01/17652)
[30] US (09/390,492) 1999-09-03

[21] **2,347,620**
[13] A1

[51] **Int.Cl. 6H04M 3/00 6H04L 12/00 6H04M 7/00 6G06F 15/16 6G06F 11/30 6H04M 3/42**
[25] EN
[54] **METHOD AND APPARATUS FOR DEPLOYING SERVICE MODULES AMONG SERVICE NODES DISTRIBUTED IN AN INTELLIGENT NETWORK**
[54] **PROCEDE ET APPAREIL DE DEPLOIEMENT DE MODULES DE SERVICE DANS DES NOEUDS DE SERVICE REPARTIS DANS UN RESEAU INTELLIGENT**
[72] DUGAN, ANDREW, US
[72] DEO, AJAY, US
[72] HOLMES, ALLEN, US
[72] ROBB, TERRENCE, US
[71] DUGAN, ANDREW, US
[71] DEO, AJAY, US
[71] HOLMES, ALLEN, US
[71] ROBB, TERRENCE, US
[85] 2001-04-20
[86] 1999-10-20 (PCT/US99/24578)
[87] 2000-04-27 (WO00/24182)
[30] US (60/104,890) 1998-10-20

[21] **2,347,621**
[13] A1

[51] **Int.Cl. 6A61B 17/00**
[25] EN
[54] **SITE MARKER DEVICE**
[54] **DISPOSITIF DE MARQUAGE DE SITES**
[72] ESPOSITO, FELIX, US
[72] VIOLA, FRANK J., US
[72] PALMER, MITCHELL J., US
[72] PELLICANO, JOHN, US
[71] UNITED STATES SURGICAL CORPORATION, US
[85] 2001-04-20
[86] 1999-10-22 (PCT/US99/24867)
[87] 2000-05-04 (WO00/24320)
[30] US (60/105,419) 1998-10-23

[21] **2,347,622**
[13] A1

[51] **Int.Cl. 7G01T 1/161 7G01T 7/00 7G01T 1/20**
[25] EN
[54] **RADIATION DETECTION APPARATUS**
[54] **DISPOSITIF DE DETECTION DE RAYONNEMENTS**
[72] RADER, RICHARD SCOTT, US
[72] MILLER, ERIC, US
[72] WELLS, TIMOTHY N., US
[72] STOPPEL, PAUL, US
[71] UNITED STATES SURGICAL CORPORATION, US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24909)
[87] 2000-05-04 (WO00/25150)
[30] US (09/177,636) 1998-10-23

[21] **2,347,623**
[13] A1

[51] **Int.Cl. 7B01F 15/02 7G05D 7/00 7B05C 11/10 7B29B 7/24 7B29B 7/74 7B29B 7/76 7B29B 7/80**
[25] EN
[54] **VALVE DEVICE**
[54] **DISPOSITIF A SOUPAPE**
[72] HAUSBICHLER, HANNES, AT
[72] FETZ, DIETMAR, AT
[71] EDF POLYMER-APPLIKATION MASCHINENFABRIK GMBH, AT
[85] 2001-04-20
[86] 1999-10-19 (PCT/EP99/07936)
[87] 2000-04-27 (WO00/23180)
[30] DE (198 48 358.9) 1998-10-21

PCT Applications Entering the National Phase

[21] **2,347,624**
[13] A1
[51] **Int.Cl. 7B29B 7/40 7B29B 7/00 7B29C 45/50 7B29B 7/58 7B29B 7/80**
[25] EN
[54] **DEVICE FOR PRODUCING AND/OR PROCESSING MIXTURES CONSISTING OF MULTIPLE CONSTITUENTS**
[54] **DISPOSITIF POUR LA FABRICATION ET/OU LA TRANSFORMATION DE MELANGES MULTICOMPOSANTS**
[72] BALDAUF, GUNTER, AT
[72] HAUSBICHLER, HANNES, AT
[71] EDF POLYMER-APPLIKATION MASCHINENFABRIK GMBH, AT
[85] 2001-04-20
[86] 1999-10-19 (PCT/EP99/07937)
[87] 2000-04-27 (WO00/23235)
[30] DE (198 48 357.0) 1998-10-21

[21] **2,347,625**
[13] A1
[51] **Int.Cl. 7A61K 38/43 7A61K 48/00 7A01K 67/027 7C12N 9/10 7C12N 15/12 7A61P 13/12 7A61K 38/17 7A61K 38/21 7A61K 39/395 7C07K 14/47 7G01N 33/50 7C12N 15/52 7C12Q 1/70 7C07K 14/81**
[25] EN
[54] **GENES AND PROTEINS PREDICTIVE AND THERAPEUTIC FOR RENAL DISEASE AND ASSOCIATED DISORDERS**
[54] **GENES ET PROTEINES DESTINES A LA PREVENTION ET THERAPIE DE MALADIES RENALES ET DE TROUBLES ASSOCIES**
[72] SHIMKETS, RICHARD A., US
[71] CURAGEN CORPORATION, US
[85] 2001-04-20
[86] 1999-10-22 (PCT/US99/24723)
[87] 2000-04-27 (WO00/23100)
[30] US (09/177,264) 1998-10-22

[21] **2,347,626**
[13] A1
[51] **Int.Cl. 7A61M 37/00 7F04B 17/00 7F04B 35/00 7F04B 49/00 7B01D 37/00 7B01D 61/00 7B01D 63/00 7C02F 1/00 7F04B 9/08 7C02F 1/44**
[25] EN
[54] **FLUID PRESSURE ACTUATED BLOOD PUMPING SYSTEMS AND METHODS WITH CONTINUOUS INFLOW AND PULSATILE OUTFLOW CONDITIONS**
[54] **SYSTEMES ET PROCEDES DE POMPAGE DU SANG ACTIONNES PAR PRESSION FLUIDIQUE AVEC CONDITIONS DE FLUX ENTRANT CONTINU ET DE FLUX SORTANT PULSATILE**
[72] VANDLIK, MARK R., US
[72] WESTBERG, TOM, US
[72] VISHNOI, ROHIT, US
[71] BAXTER INTERNATIONAL INC., US
[85] 2001-04-20
[86] 2000-08-29 (PCT/US00/23675)
[87] 2001-03-15 (WO01/17604)
[30] US (09/390,265) 1999-09-03

[21] **2,347,627**
[13] A1
[51] **Int.Cl. 6H01J 1/62 6H01J 43/04 6H01J 40/16**
[25] EN
[54] **APPARATUS FOR PERFORMING WAVELENGTH-CONVERSION USING PHOSPHORS WITH LIGHT EMITTING DIODES**
[54] **APPAREIL DE CONVERSION DE LONGUEUR D'ONDE UTILISANT DES LUMINOPHORES AVEC DES DIODES ELECTROLUMINESCENTES**
[72] FERGUSON, IAN T., US
[72] KARLICEK, ROBERT F., JR., US
[72] CONNOLLY, JOHN C., US
[72] GARBUZOV, DMITRI Z., US
[71] EMCORE CORPORATION, US
[71] SARNOFF CORPORATION, US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24902)
[87] 2000-04-27 (WO00/24024)
[30] US (60/105,056) 1998-10-21
[30] US (09/420,905) 1999-10-20

[21] **2,347,628**
[13] A1
[51] **Int.Cl. 7A61B 8/12**
[25] EN
[54] **IMPROVED SYSTEM AND METHOD FOR INTRALUMINAL IMAGING**
[54] **AMELIORATION APPORTEE A UN SYSTEME ET A UN PROCEDE D'IMAGERIE INTRALUMINALE**
[72] WHITE, DAVID A., US
[72] JABBA, RONALD J., US
[72] BELEF, WILLIAM M., US
[72] WASICEK, LAWRENCE, US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2001-04-20
[86] 1999-10-22 (PCT/IB99/01910)
[87] 2000-05-04 (WO00/24448)
[30] US (60/105,475) 1998-10-23

[21] **2,347,629**
[13] A1
[51] **Int.Cl. 6B65D 25/08**
[25] EN
[54] **A CARTRIDGE FOR HOLDING A FIRST AND SECOND FLUID**
[54] **CARTOUCHE CONTENANT UN PREMIER ET UN SECOND FLUIDE**
[72] SERGIO, ROBERTO M., US
[72] WOOD, WINFIELD JR., US
[72] SILDVE, PETER O., US
[71] SERMED INDUSTRIES INC., US
[85] 2001-04-20
[86] 1999-10-22 (PCT/US99/24750)
[87] 2000-04-27 (WO00/23335)
[30] US (60/105,115) 1998-10-22
[30] US (60/105,221) 1998-10-22
[30] US (60/105,225) 1998-10-22

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[21] **2,347,631**
[13] A1

[51] **Int.Cl. 7A61B 5/12**
[25] EN
[54] **SENSING EAR TEMPERATURE, ACOUSTIC REFLECTANCE AND CHEMICAL COMPONENTS IN THE EAR**

[54] **DETECTION DE LA TEMPERATURE DE L'OREILLE, REFLECTANCE ACOUSTIQUE ET COMPOSANTS CHIMIQUE DE L'OREILLE**

[72] KUNEN, DAVID, US
[72] KIMBALL, SANDRA, US
[72] JENKINS, GEOFFREY, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2001-04-20
[86] 1999-10-20 (PCT/US99/24525)
[87] 2000-05-04 (WO00/24312)
[30] US (09/177,924) 1998-10-23

[21] **2,347,632**
[13] A1

[51] **Int.Cl. 7C09G 1/02 7C09K 3/14**
[25] EN
[54] **SLURRIES OF ABRASIVE INORGANIC OXIDE PARTICLES AND METHOD FOR ADJUSTING THE ABRASIVENESS OF THE PARTICLES**
[54] **SOLUTIONS DE PARTICULES MINERALES ABRASIVES D'OXYDE ET PROCEDE DE REGLAGE DE LA CAPACITE ABRASIVE DE CES PARTICULES**

[72] PRYOR, JAMES NEIL, US
[71] W.R. GRACE & CO.-CONN., US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24699)
[87] 2000-04-27 (WO00/23534)
[30] US (60/105,141) 1998-10-21

[21] **2,347,633**
[13] A1

[51] **Int.Cl. 7A61B 18/14**
[25] EN
[54] **ENDOSCOPIC BIPOLAR ELECTROSURGICAL FORCEPS**
[54] **PINCE ELECTROCHIRURGICALE ENDOSCOPIQUE BIPOLAIRE**

[72] LUKIANOW, STEPHEN W., US
[72] LANDS, MICHAEL J., US
[72] FRAZIER, RANDEL A., US
[71] SHERWOOD SERVICES AG, CH
[85] 2001-04-20
[86] 1999-10-22 (PCT/US99/24870)
[87] 2000-05-04 (WO00/24331)
[30] US (09/177,950) 1998-10-23

[21] **2,347,634**
[13] A1

[51] **Int.Cl. 7B65D 39/00 7B65D 55/00**
[25] EN
[54] **DEVICE FOR CAPPING VESSELS**
[54] **DISPOSITIF DE CAPSULAGE DE RECIPIENTS**

[72] VETROV, VLADIMIR V., RU
[72] SKOROBOGATYKH, VLADIMIR ARKADIEVICH, RU

[71] VETROV, VLADIMIR V., RU
[85] 2001-04-20
[86] 1999-09-16 (PCT/RU99/00360)
[87] 2000-04-27 (WO00/23341)
[30] RU (98119073) 1998-10-22

[21] **2,347,635**
[13] A1

[51] **Int.Cl. 6A01K 5/01**
[25] EN
[54] **PORTABLE FEED CARRIER**
[54] **DISPOSITIF PORTABLE DE TRANSPORT D'ALIMENTS POUR ANIMAUX**

[72] BEAN, BEVERLY, US
[71] BEAN, BEVERLY, US
[85] 2001-04-20
[86] 1999-02-01 (PCT/US99/02097)
[87] 1999-08-05 (WO99/38375)
[30] US (09/018,239) 1998-02-02

[21] **2,347,636**
[13] A1

[51] **Int.Cl. 7B65B 7/20**
[25] EN
[54] **ROTATABLE FLAP FOLDER**
[54] **PLIEUSE A RABAT PIVOTANTE**
[72] GARNIER, JEAN-MICHEL, FR
[71] THE MEAD CORPORATION, US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24617)
[87] 2000-04-27 (WO00/23321)
[30] US (09/175,631) 1998-10-21

[21] **2,347,637**
[13] A1

[51] **Int.Cl. 6C06B 25/18 6C06B 25/28**
[25] EN
[54] **EXPLOSIVE COMPOSITION FOR FIREWORKS AND METHOD FOR MANUFACTURING THE SAME**
[54] **COMPOSITION**

PYROTECHNIQUE ET PROCEDE DE FABRICATION CORRESPONDANT

[72] MUNENO, YOSHIYUKI, JP
[72] MATSUZAWA, TOSHIO, JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[85] 2001-04-20
[86] 1999-10-20 (PCT/JP99/05783)
[87] 2000-04-27 (WO00/23401)
[30] JP (10/300540) 1998-10-22

[21] **2,347,638**
[13] A1

[51] **Int.Cl. 6B23B 5/16**
[25] EN
[54] **PORTABLE SINGLE-POINT BEVELING TOOL**
[54] **OUTIL A CHANFREINER A ARETE UNIQUE PORTATIF**

[72] TREMBLAY, CLEMENT, US
[71] TRI TOOL INC., US
[85] 2001-04-20
[86] 1999-09-20 (PCT/US99/20872)
[87] 2000-05-04 (WO00/24537)
[30] US (09/177,493) 1998-10-23

[21] **2,347,639**
[13] A1

[51] **Int.Cl. 7B22F 3/22 7B22F 5/00**
[25] EN
[54] **RAPID MANUFACTURE OF METAL AND CERAMIC TOOLING BY INJECTION MOLDING**
[54] **FABRICATION RAPIDE D'OUTILLAGE EN METAL ET CERAMIQUE PAR MOULAGE PAR INJECTION**

[72] BEHI, MOHAMMAD, US
[72] ZEDALIS, MIKE, US
[72] SCHOONOVER, JAMES M., US
[71] ALLIEDSIGNAL INC., US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24899)
[87] 2000-04-27 (WO00/23217)
[30] US (09/176,509) 1998-10-21

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<p style="text-align: center;">[21] 2,347,640 [13] A1</p> <p>[51] Int.Cl. 7A47C 27/12 7A47C 27/00 [25] EN [54] MUSTARD MATTRESS [54] MATELAS REMBOURRE DE MOUTARDE [72] MOZDZIERSKI, ZBIGNIEW, PL [72] NEWELSKI, WALDEMAR, PL [71] MOZDZIERSKI, ZBIGNIEW, PL [71] NEWELSKI, WALDEMAR, PL [85] 2001-04-20 [86] 1999-10-13 (PCT/PL99/00034) [87] 2000-04-27 (WO00/22966) [30] PL (W.108776) 1998-10-21</p>	<p style="text-align: center;">[21] 2,347,659 [13] A1</p> <p>[51] Int.Cl. 7H04L 9/28 [25] EN [54] SYSTEM, DEVICE AND METHOD FOR SECURE COMMUNICATION AND ACCESS CONTROL [54] SYSTEME, DISPOSITIF ET PROCEDE POUR COMMUNICATION ET COMMANDE D'ACCES SECURISEES [72] SHEFI, ADAM, IL [71] RON, BENYAMIN, IL [71] WARCOP INVESTMENT LTD., VG [85] 2000-12-19 [86] 1999-06-23 (PCT/US99/14224) [87] 2000-11-16 (WO00/67548) [30] US (09/104,014) 1998-06-24 [30] US (09/309,873) 1999-05-11</p>	<p style="text-align: center;">[21] 2,347,685 [13] A1</p> <p>[51] Int.Cl. 7B60J 5/00 7E05D 11/00 7B60J 5/04 [25] EN [54] STRUCTURALLY INTEGRATING MEMBERS BETWEEN VEHICLE BODIES AND CLOSURES [54] ELEMENTS D'INTEGRATION STRUCTURELLE ENTRE DES CARROSSERIES ET DES FERMETURES DE VEHICULES [72] EL-SAYED, MOHAMED, US [72] TOWNSEND, JOHN A., US [71] JOALTO DESIGN, INC., US [85] 2001-04-20 [86] 1999-10-04 (PCT/US99/22928) [87] 2000-04-20 (WO00/21767) [30] US (09/169,330) 1998-10-09</p>
<p style="text-align: center;">[21] 2,347,642 [13] A1</p> <p>[51] Int.Cl. 7G06F 3/00 7G06F 3/14 [25] EN [54] FLEX-TO-FIXED USER INTERFACE DEVICES AND METHODS [54] DISPOSITIFS INTERFACE UTILISATEUR SOUPLES/FIXES ET PROCEDES ASSOCIES [72] CARROLL, DAVID W., US [71] VIA, INC., US [85] 2001-04-20 [86] 1999-10-28 (PCT/US99/25443) [87] 2000-05-04 (WO00/25193) [30] US (60/105,931) 1998-10-28</p>	<p style="text-align: center;">[21] 2,347,682 [13] A1</p> <p>[51] Int.Cl. 7A23G 1/00 7A23D 7/00 7A23D 9/00 7A23G 3/00 [25] EN [54] A PROCESS FOR CONTROLLING THE SOLIDIFICATION AND/OR CRYSTALLISATION OF A FAT OR A FAT-CONTAINING FOOD [54] PROCEDE DE SOLIDIFICATION ET/OU DE CRISTALLISATION DE GRAISSE OU D'UN ALIMENT CONTENANT DE LA GRAISSE [72] BECKETT, STEPHEN THOMAS, GB [71] SOCIETE DES PRODUITS NESTLE S.A., CH [85] 2001-04-20 [86] 1999-12-06 (PCT/EP99/09567) [87] 2000-06-29 (WO00/36923) [30] GB (9828228.8) 1998-12-21</p>	<p style="text-align: center;">[21] 2,347,686 [13] A1</p> <p>[51] Int.Cl. 6C22C 5/06 [25] EN [54] ACCESSORY AND SILVER ALLOY FOR ACCESSORY [54] ACCESSOIRE PERSONNEL ET ALLIAGE D'ARGENT POUR CET ACCESSOIRE [72] FUJIYASU, HIROSHI, JP [72] ISHIGAKI, SHINICHIRO, JP [72] NISHIZAWA, HIROYASU, JP [71] NIPPON GERMANIUM LABORATORY CO., LTD., JP [85] 2001-04-20 [86] 1999-06-24 (PCT/JP99/03387) [87] 2000-05-11 (WO00/26423) [30] JP (10/313277) 1998-11-04</p>
<p style="text-align: center;">[21] 2,347,643 [13] A1</p> <p>[51] Int.Cl. 6H04M 3/42 [25] EN [54] AN INTELLIGENT NETWORK [54] RESEAU INTELLIGENT [72] DEO, AJAY, US [72] DUGAN, ANDREW, US [72] SYED, SAMI, US [72] FISCHER, KENNETH, US [72] WONG, WENDY, US [72] ROBB, TERRENCE, US [72] HOLMES, ALLEN, US [71] DEO, AJAY, US [71] DUGAN, ANDREW, US [71] SYED, SAMI, US [71] FISCHER, KENNETH, US [71] WONG, WENDY, US [71] ROBB, TERRENCE, US [71] HOLMES, ALLEN, US [85] 2001-04-20 [86] 1999-10-20 (PCT/US99/24664) [87] 2000-04-27 (WO00/24184) [30] US (60/104,890) 1998-10-20</p>	<p style="text-align: center;">[21] 2,347,683 [13] A1</p> <p>[51] Int.Cl. 7A63B 53/04 [25] EN [54] BAND PUTTER [54] PUTTER COMPRENANT UNE BARRE DE TENSION ALLONGEE [72] KLYVE, JON, NO [71] CLYVE AS, NO [85] 2001-04-20 [86] 1999-10-15 (PCT/NO99/00314) [87] 2000-05-18 (WO00/27483) [30] NO (19984934) 1998-10-23</p>	

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[21] **2,347,687**
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/18**
[25] EN
[54] **METHOD FOR CHANNEL-BY-CHANNEL ADJUSTMENT OF THE TRANSMITTED SIGNAL POWER LEVELS IN A WAVELENGTH-DIVISION MULTIPLEX TRANSMISSION SYSTEM**
[54] **PROCEDE DE REGLAGE PAR CANAL DE PUISSANCES DE SIGNAUX D'EMISSION D'UN SYSTEME DE TRANSMISSION A MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] WEISKE, CLAUS-JORG, DE
[72] KRUMMRICH, PETER, DE
[71] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2001-04-20
[86] 1999-10-01 (PCT/DE99/03178)
[87] 2000-05-04 (WO00/25465)
[30] DE (198 48 989.7) 1998-10-23

[21] **2,347,688**
[13] A1

[51] **Int.Cl. 7B60L 15/20**
[25] EN
[54] **CONTROL APPARATUS AND A METHOD FOR STEERING AN ELECTRIC VEHICLE**
[54] **APPAREIL DE COMMANDE ET PROCEDE DE GUIDAGE D'UN VEHICULE ELECTRIQUE**
[72] PUGH, GAVIN SCOTT, GB
[71] ELLIOTT INDUSTRIES LIMITED, GB
[85] 2001-04-20
[86] 1999-10-21 (PCT/GB99/03480)
[87] 2000-04-27 (WO00/23297)
[30] GB (9823055.0) 1998-10-21

[21] **2,347,689**
[13] A1

[51] **Int.Cl. 6C07C 67/00 6C12P 7/00 6C12P 7/46 6C12P 7/62**
[25] EN
[54] **PROCESS FOR PRODUCTION OF ESTERS**
[54] **PROCEDE DE PRODUCTION D'ESTERS**
[72] COCKREM, MICHAEL CHARLES MILNER, US
[71] A.E. STALEY MANUFACTURING CO., US
[85] 2001-04-24
[86] 1999-11-16 (PCT/US99/26957)
[87] 2000-06-02 (WO00/31016)
[30] US (09/196,266) 1998-11-19

[21] **2,347,690**
[13] A1

[51] **Int.Cl. 7H01F 27/28**
[25] EN
[54] **TRANSFORMER WINDING ENROULEMENT POUR TRANSFORMATEUR**
[72] KING, GARY D., US
[72] PUROHIT, DILIP R., US
[72] HOPKINSON, PHILIP J., US
[71] SQUARE D COMPANY, US
[85] 2001-04-20
[86] 2000-08-22 (PCT/US00/23067)
[87] 2001-03-01 (WO01/15181)
[30] US (09/378,786) 1999-08-23

[21] **2,347,691**
[13] A1

[51] **Int.Cl. 6C07D 401/12 6C09D 11/00 6B41J 2/01 6C09B 5/14 6C07D 221/18**
[25] EN
[54] **NOVEL ANTHRAPHYRIDONE COMPOUNDS, WATER-BASED MAGENTA INK COMPOSITION, AND METHOD OF INK-JET PRINTING**
[54] **NOUVEAUX COMPOSES ANTHRAPHYRIDONES, COMPOSITION D'ENCRE MAGENTA A BASE D'EAU ET PROCEDE D'IMPRESSION PAR JET D'ENCRE**
[72] KITAYAMA, HIROKAZU, JP
[72] SHIRASAKI, YASUO, JP
[72] MATSUMOTO, HIROYUKI, JP
[72] FUJII, TAKAFUMI, JP
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP
[85] 2001-04-20
[86] 1999-10-21 (PCT/JP99/05812)
[87] 2000-04-27 (WO00/23440)
[30] JP (10/301254) 1998-10-22

[21] **2,347,692**
[13] A1

[51] **Int.Cl. 7B05B 7/10 7B05B 7/12**
[25] EN
[54] **METHOD AND APPARATUS FOR SPRAYING**
[54] **PROCEDE ET APPAREIL DE PULVERISATION**
[72] LINDSAY, JAMES, GB
[72] ROBINSON, GEORGE WALTER, GB
[71] JIM LINDSAY LIMITED, GB
[85] 2001-04-20
[86] 1999-10-20 (PCT/GB99/03476)
[87] 2000-05-04 (WO00/24521)
[30] GB (9823032.9) 1998-10-22

[21] **2,347,693**
[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 3/42**
[25] EN
[54] **MULTILAYERED DETERGENT TABLETS**
[54] **PASTILLES MULTICOUCHES DE DETERGENT**
[72] OLLERO NOVO, MARIA DEL MAR, BE
[72] VEGA, JOSE LUIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-24
[86] 1999-10-27 (PCT/US99/25222)
[87] 2000-05-18 (WO00/27988)
[30] EP (98870240.3) 1998-11-05

[21] **2,347,694**
[13] A1

[51] **Int.Cl. 7G01M 3/28**
[25] EN
[54] **MEASURING LEAKAGE THROUGH DUCTS**
[54] **CONTROLE DES FUITES DANS LES TUYAUTERIES**
[72] ROWE, STEPHEN ANTONY, GB
[72] ASHWORTH, ROGER PHILIP, GB
[71] LATTICE INTELLECTUAL PROPERTY LIMITED, GB
[85] 2001-04-20
[86] 1999-10-15 (PCT/GB99/03421)
[87] 2000-05-04 (WO00/25105)
[30] GB (9823041.0) 1998-10-22

[21] **2,347,695**
[13] A1

[51] **Int.Cl. 7C11D 1/22**
[25] EN
[54] **HYDROPHILIC INDEX FOR AQUEOUS, LIQUID LAUNDRY DETERGENT COMPOSITIONS CONTAINING LAS**
[54] **INDICE HYDROPHILE POUR COMPOSITIONS DETERGENTES AQUEUSES POUR LESSIVES RENFERMANT UN SULFONATE D'ALKYL BENZENE LINEAIRE (LAS)**
[72] SADLOWSKI, EUGENE STEVEN, US
[72] REDDY, PRAMOD KAKUMANU, US
[72] ENGLISH, JACK WESLEY III, US
[72] BOSWELL, ROBERT W., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-24
[86] 1999-10-27 (PCT/US99/25224)
[87] 2000-05-18 (WO00/27958)
[30] US (60/107,477) 1998-11-06

PCT Applications Entering the National Phase

[21] **2,347,696**
[13] A1
[51] **Int.Cl. 7H04H 1/00 7H04Q 7/38**
[25] EN
[54] **INFORMATION PROVIDING METHOD, MOBILE COMMUNICATION NETWORK, AND MOBILE COMMUNICATION TERMINAL**
[54] **TECHNIQUE DE FOURNITURE D'INFORMATION, RESEAU DE COMMUNICATION MOBILE ET TERMINAL DE COMMUNICATION MOBILE**
[72] OGASAWARA, KOICHI, JP
[71] NTT DOCOMO, INC., JP
[85] 2001-04-24
[86] 2000-12-07 (PCT/JP00/08653)
[87] 2001-06-14 (WO01/43323)
[30] JP (11/350403) 1999-12-09

[21] **2,347,697**
[13] A1
[51] **Int.Cl. 7G01N 33/00 7G01N 31/10 7G01N 27/62**
[25] EN
[54] **METHOD AND APPARATUS FOR SCREENING CATALYST LIBRARIES**
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'EXPLORER DES BIBLIOTHEQUES DE CATALYSEURS**
[72] SENKAN, SELIM MEHMET, US
[71] LASER CATALYST SYSTEM INC., US
[71] BP CHEMICALS LIMITED, GB
[85] 2001-04-24
[86] 1999-11-11 (PCT/GB99/03767)
[87] 2000-05-25 (WO00/29844)
[30] US (09/191,849) 1998-11-12

[21] **2,347,698**
[13] A1
[51] **Int.Cl. 7G02F 1/09 7G02B 6/26 7G02B 6/28**
[25] EN
[54] **MULTIPLE PORT, FIBER OPTIC ISOLATOR**
[54] **ISOLATEUR A FIBRE OPTIQUE A ACCES MULTIPLE**
[72] LU, LIANG-JU, US
[72] ZHANG, B. BARRY, US
[71] ADC TELECOMMUNICATIONS, INC., US
[85] 2001-04-24
[86] 1999-10-19 (PCT/US99/24339)
[87] 2000-05-04 (WO00/25172)
[30] US (09/179,588) 1998-10-27

[21] **2,347,699**
[13] A1
[51] **Int.Cl. 7A61M 11/06 7A61M 15/00 7A61B 5/087**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO DRUG DELIVERY APPARATUS**
[54] **AMELIORATIONS CONCERNANT UN APPAREIL D'ADMINISTRATION DE MEDICAMENT**
[72] DYCHE, ANTHONY, GB
[72] PRINCE, IVAN RICHARD, GB
[72] DENYER, JONATHAN STANLEY HAROLD, GB
[71] MEDIC-AID LIMITED, GB
[85] 2001-04-24
[86] 1999-10-26 (PCT/GB99/03540)
[87] 2000-05-04 (WO00/24445)
[30] GB (9823434.7) 1998-10-26

[21] **2,347,700**
[13] A1
[51] **Int.Cl. 7G01N 33/68 7C07K 16/18**
[25] EN
[54] **ANTIBODIES TO PEPTIDES THAT TARGET GIT RECEPTORS AND RELATED METHODS**
[54] **ANTICORPS DIRIGES CONTRE LES PEPTIDES CIBLANT LES RECEPTEURS DU TRACTUS GASTRO-INTESTINAL, ET METHODES ASSOCIEES**
[72] O'MAHONY, DANIEL JOSEPH, IE
[72] SEVESO, MICHELA, IT
[71] ELAN CORPORATION, PLC, IE
[85] 2001-04-24
[86] 1999-11-19 (PCT/IE99/00116)
[87] 2000-06-02 (WO00/31546)
[30] US (60/109,036) 1998-11-19

[21] **2,347,701**
[13] A1
[51] **Int.Cl. 7C07D 213/79 7A61P 29/00 7A61P 37/00 7C07D 401/12 7C07D 403/12 7A61K 31/435**
[25] EN
[54] **.BETA.-ALANINE DERIVATIVES AS .ALPHA.4 INTEGRIN INHIBITORS**
[54] **DERIVES DE .BETA.-ALANINE COMME INHIBITEURS DES .ALPHA.4 INTEGRINES**
[72] ARCHIBALD, SARAH CATHERINE, GB
[72] WARRELOW, GRAHAM JOHN, GB
[72] PORTER, JOHN ROBERT, GB
[72] HEAD, JOHN CLIFFORD, GB
[71] CELLTECH THERAPEUTICS LIMITED, GB
[85] 2001-04-24
[86] 1999-11-29 (PCT/GB99/03986)
[87] 2000-06-08 (WO00/32575)
[30] GB (9826174.6) 1998-11-30

[21] **2,347,703**
[13] A1
[51] **Int.Cl. 6B67D 3/00**
[25] EN
[54] **PRESSURE OPERATED DISPENSER WITH SHIPPING SEAL**
[54] **DISTRIBUTEUR COMMANDE PAR PRESSION DOTE D'UN JOINT D'EXPEDITION**
[72] GROSS, RICHARD A., US
[71] SEAQUIST CLOSURES FOREIGN, INC., US
[85] 2001-04-24
[86] 1999-10-20 (PCT/US99/24684)
[87] 2000-05-18 (WO00/27745)
[30] US (09/186,967) 1998-11-05

[21] **2,347,785**
[13] A1
[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **METHOD FOR MAINTAINING EXCEPTION TABLES FOR A CHECK UTILITY**
[54] **PROCEDE POUR LA MISE A JOUR DE TABLES D'EXCEPTION POUR UN PROGRAMME DE VERIFICATION (CHECK)**
[72] ISIP, AMANDO B., JR., US
[71] COMPUTER ASSOCIATES THINK, INC., US
[85] 2001-04-19
[86] 1999-10-27 (PCT/US99/25158)
[87] 2000-05-04 (WO00/25236)
[30] US (09/179,533) 1998-10-27

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,347,802 [13] A1</p> <p>[51] Int.Cl. 6B65D 81/20 [25] EN [54] METHOD OF IMPROVING FROTH ON BEVERAGE DISPENSED FROM A CONTAINER [54] PROCEDE D'AMELIORATION DE LA MOUSSE SUR UNE BOISSON DISTRIBUEE A PARTIR D'UN CONTENANT [72] PAN, CHRISTOPHER CHIA SHYONG, AU [71] AMCOR PACKAGING (AUSTRALIA) PTY LTD., AU [85] 2001-04-19 [86] 1999-10-19 (PCT/AU99/00906) [87] 2000-04-27 (WO00/23357) [30] AU (PP 6595) 1998-10-19 [30] AU (PP 7690) 1998-12-14 [30] AU (PQ 0214) 1999-05-07</p>	<p style="text-align: right;">[21] 2,347,806 [13] A1</p> <p>[51] Int.Cl. 6H04K 1/00 [25] EN [54] ENCRYPTION AND AUTHENTICATION METHODS AND APPARATUS FOR SECURING TELEPHONE COMMUNICATIONS [54] PROCEDES DE CRYPTAGE ET D'AUTHENTIFICATION ET APPAREIL POUR SECURISER LES COMMUNICATIONS TELEPHONIQUES [72] KLEIDERMACHER, MOISHE, US [72] COSTANTINI, FRANK, US [72] CARTER, MATTHEW, US [72] PARAGGIO, RONALD, US [72] MCGROGAN, ELLWOOD, US [71] L-3 COMMUNICATIONS CORPORATION, US [85] 2001-04-20 [86] 1999-10-28 (PCT/US99/25032) [87] 2000-05-04 (WO00/25467) [30] US (60/106,016) 1998-10-28 [30] US (60/122,682) 1999-03-03</p>	<p style="text-align: right;">[21] 2,347,811 [13] A1</p> <p>[51] Int.Cl. 7H03F 1/32 [25] EN [54] FEEDFORWARD AMPLIFIER CORRECTION PRECURSIVE [72] IKEDA, YUKIO, JP [72] NAKAYAMA, MASATOSHI, JP [72] SAKAI, YUJI, JP [72] HORIGUCHI, KENICHI, JP [72] NAGANO, JUNICHI, JP [72] SENDA, HARUYASU, JP [71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP [85] 2001-04-20 [86] 2000-04-05 (PCT/JP00/02202) [87] 2001-03-08 (WO01/17104) [30] JP (11/247458) 1999-09-01</p>
<p style="text-align: right;">[21] 2,347,804 [13] A1</p> <p>[51] Int.Cl. 7H01R 13/658 [25] EN [54] SCREENING DEVICE FOR STRIP TERMINALS IN TELECOMMUNICATIONS AND DATA TECHNIQUES [54] DISPOSITIF DE BLINDAGE POUR PLAQUETTES A BORNES UTILISEES DANS LE DOMAINE DES TELECOMMUNICATIONS ET DE L'INFORMATIQUE [72] BIPPUS, HANS-DIETER, AU [72] NICHOLLS, BRYCE LINDSAY, AU [71] KRONE GMBH, DE [85] 2001-04-20 [86] 1999-10-14 (PCT/EP99/07756) [87] 2000-06-02 (WO00/31837) [30] DE (198 53 837.5) 1998-11-23</p>	<p style="text-align: right;">[21] 2,347,809 [13] A1</p> <p>[51] Int.Cl. 7C11D 3/37 7C11D 3/36 [25] EN [54] FABRIC CARE COMPOSITIONS HAVING REDUCED FABRIC ABRASION [54] COMPOSITIONS RESPECTANT LES TEXTILES ET REDUISANT L'USURE DE FROTTEMENT [72] GORDON, NEIL JAMES, BE [72] CAUWBERGHS, SERGE GABRIEL PIERRE ROGER, BE [72] CEULEMANS, RAPHAEL ANGELINE ALFONS, BE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/24941) [87] 2000-05-11 (WO00/26331) [30] US (60/106,759) 1998-11-02 [30] US (60/110,310) 1998-11-30</p>	<p style="text-align: right;">[21] 2,347,813 [13] A1</p> <p>[51] Int.Cl. 7C07C 29/14 7C07B 61/00 7C07C 25/02 7B01J 31/04 7C07C 17/16 7C07C 47/273 7C07C 45/45 7C07C 33/46 [25] EN [54] PROCESSES FOR THE PREPARATION OF (P-CHLOROPHENYL)PROPANOL DERIVATIVE [54] PROCEDE DE PREPARATION DE DERIVES DE (P-CHLOROPHENYL) PROPANOL [72] KAMIKAWAJI, MINAKO, JP [72] HORIUCHI, TAKASHI, JP [72] MATSUMOTO, HIROO, JP [71] NISSAN CHEMICAL INDUSTRIES, LTD., JP [85] 2001-04-23 [86] 1999-11-29 (PCT/JP99/06654) [87] 2000-06-22 (WO00/35843) [30] JP (10/352529) 1998-12-11</p>
<p style="text-align: right;">[21] 2,347,805 [13] A1</p> <p>[51] Int.Cl. 6A47F 5/00 [25] EN [54] CONFIGURABLE MOUNT [54] MONTURE CONFIGURABLE [72] ODDSEN, ODD N., JR., US [71] INNOVATIVE OFFICE PRODUCTS, INC., US [85] 2001-04-20 [86] 1999-10-29 (PCT/US99/25505) [87] 2000-05-11 (WO00/25640) [30] US (60/106,729) 1998-11-02 [30] US (60/108,469) 1998-11-14 [30] US (09/406,531) 1999-09-27</p>		

PCT Applications Entering the National Phase

[21] **2,347,819**
[13] A1

[51] **Int.Cl. 7C08G 69/00 7C08G 69/04 7C08G 69/28**
[25] EN
[54] **PROCESS FOR THE HYDROLYSIS OF ADIPONITRILE AND THE PRODUCTION OF NYLON 6,6 UTILIZING LOW CATALYST LEVELS**
[54] **PROCEDE D'HYDROLYSE D'ADIPONITRILE ET PRODUCTION DE NYLON 6,6 UTILISANT DE FAIBLES NIVEAUX DE CATALYSEUR**
[72] MARKS, DAVID NEIL, US
[72] HAYES, RICHARD ALLEN, US
[72] VAN EIJDHOVEN, MARIA DE JESUS, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-20
[86] 1999-11-30 (PCT/US99/28239)
[87] 2000-06-29 (WO00/37535)
[30] US (09/217,799) 1998-12-22

[21] **2,347,821**
[13] A1

[51] **Int.Cl. 7C10M 111/04 7C10M 169/04 7C10M 107/34 7C10M 105/36 7C10M 145/36 7C10M 105/38 7C10M 129/72 7C10M 129/74**
[25] EN
[54] **LUBRICANT COMPOSITIONS**
[54] **COMPOSITIONS DE LUBRIFIANT**
[72] THOMPSON, ROBERT IAN GEORGE, GB
[72] CORNER, MITCHELL, GB
[72] GIBB, PETER TIMOTHY, GB
[72] RANGLES, STEVEN JAMES, GB
[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB
[85] 2001-04-20
[86] 1999-10-27 (PCT/GB99/03560)
[87] 2000-05-04 (WO00/24849)
[30] GB (9823455.2) 1998-10-28

[21] **2,347,823**
[13] A1

[51] **Int.Cl. 7C09D 167/08**
[25] EN
[54] **COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT**
[72] CHISHOLM, MICHAEL STEPHEN, GB
[71] INEOS ACRYLICS UK LIMITED, GB
[85] 2001-04-20
[86] 1999-11-15 (PCT/GB99/03805)
[87] 2000-05-25 (WO00/29495)
[30] GB (9824932.9) 1998-11-16

[21] **2,347,824**
[13] A1

[51] **Int.Cl. 7C09C 3/06 7B22F 1/00 7C22C 33/02 7B22F 3/02 7C09C 3/08 7C09C 3/10 7C09C 3/12**
[25] EN
[54] **SURFACE-MODIFIED MANGANESE SULFIDE, METHOD FOR PRODUCING THE SAME AND USE THEREOF**
[54] **SULFURE MANGANEUX A SURFACE MODIFIEE, SON PROCEDE DE PRODUCTION ET SON UTILISATION**
[72] HUNER, RONALD, AT
[71] CHEMETALL GES. M.B.H., AT
[85] 2001-04-23
[86] 2000-09-04 (PCT/EP00/08626)
[87] 2001-03-22 (WO01/19929)
[30] DE (199 43 510.3) 1999-09-10

[21] **2,347,827**
[13] A1

[51] **Int.Cl. 7F16H 47/04 7B62D 11/06 7B60K 17/28 7F16H 61/40**
[25] EN
[54] **CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **TRANSMISSION VARIABLE EN CONTINU**
[72] KUBOTA, YUKIO, JP
[72] HORI, YASUHIKO, JP
[72] HITACHI, JUNICHI, JP
[72] SAKAMOTO, KUNIIHIKO, JP
[71] YANMAR DIESEL ENGINE CO., LTD., JP
[85] 2001-04-19
[86] 1999-10-25 (PCT/JP99/05886)
[87] 2000-05-04 (WO00/25041)
[30] JP (10/304545) 1998-10-26
[30] JP (10/306078) 1998-10-27
[30] JP (10/306079) 1998-10-27
[30] JP (10/306080) 1998-10-27
[30] JP (10/306081) 1998-10-27
[30] JP (10/306082) 1998-10-27
[30] JP (10/306083) 1998-10-27
[30] JP (10/306084) 1998-10-27
[30] JP (10/306085) 1998-10-27
[30] JP (10/306086) 1998-10-27
[30] JP (10/306087) 1998-10-27
[30] JP (10/306088) 1998-10-27

[21] **2,347,828**
[13] A1

[51] **Int.Cl. 7A61K 39/08 7A61K 38/00**
[25] EN
[54] **METHODS FOR ENHANCING WOUND HEALING**
[54] **METHODES VISANT A FACILITER LA CICATRISATION D'UNE PLAIE**
[72] SHERRIS, DAVID A., US
[72] GASSNER, HOLGER G., DE
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[85] 2001-04-23
[86] 1999-10-15 (PCT/US99/24182)
[87] 2000-05-04 (WO00/24419)
[30] US (60/105,688) 1998-10-27

[21] **2,347,830**
[13] A1

[51] **Int.Cl. 7C23C 14/00 7C09C 1/00**
[25] EN
[54] **PROCESS FOR MAKING METAL FLAKES**
[54] **PROCEDE DE FABRICATION DE PAILLETES METALLIQUES**
[72] ENLOW, HOWARD H., US
[72] JOSEPHY, KARL, US
[72] RETTKER, JAMES P., US
[71] AVERY DENNISON CORPORATION, US
[85] 2001-04-19
[86] 1999-10-22 (PCT/US99/24782)
[87] 2000-05-04 (WO00/24946)
[30] US (60/105,399) 1998-10-23

[21] **2,347,831**
[13] A1

[51] **Int.Cl. 7C25D 11/04 7C23C 18/16 7C25D 11/18 7B65D 25/34**
[25] EN
[54] **DECORATIVE BEVERAGE CAN BODIES**
[54] **CORPS DE CANETTES DECORATIVES**
[72] ROSENFELD, ARON MARCUS, CA
[71] ALCAN INTERNATIONAL LIMITED, CA
[85] 2001-04-19
[86] 1999-10-20 (PCT/CA99/00975)
[87] 2000-05-04 (WO00/24951)
[30] US (60/105,524) 1998-10-22

Demandes PCT entrant en phase nationale

[21] **2,347,832**
[13] A1

[51] **Int.Cl. 7C07C 7/13**
[25] EN
[54] **METHOD FOR SELECTIVE ADSORPTION OF DIENES**
[54] **PROCEDE D'ADSORPTION SELECTIVE DE DIENES**
[72] MUNSON, CURTIS L., US
[72] YANG, RALPH T., US
[72] PADIN, JOEL, US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[71] CHEVRON U.S.A. INC., US
[85] 2001-04-23
[86] 1999-10-04 (PCT/US99/23042)
[87] 2000-05-04 (WO00/24695)
[30] US (09/179,667) 1998-10-27

[21] **2,347,834**
[13] A1

[51] **Int.Cl. 6H04L 9/00**
[25] EN
[54] **SECURE MESSAGING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MESSAGERIE SECURISEE**
[72] OFIR, AMIRAM, IL
[71] GALIAD COMPUTERS LTD., IL
[85] 2001-04-19
[86] 1999-10-20 (PCT/IL99/00549)
[87] 2000-04-27 (WO00/24154)
[30] US (09/175,619) 1998-10-20

[21] **2,347,837**
[13] A1

[51] **Int.Cl. 7C07D 209/00**
[25] EN
[54] **CYCLOALKYL BICYCLOHEPTENE DICARBOXIMIDES**
[54] **DICARBOXIMIDES DE BICYCLOHEPTENE DE CYCLOALKYLE**
[72] WARREN, JACK, US
[71] EAGLEVIEW TECHNOLOGIES, INC., US
[85] 2001-04-19
[86] 2000-08-24 (PCT/US00/23526)
[87] 2001-03-29 (WO01/21588)
[30] US (09/400,576) 1999-09-21

[21] **2,347,838**
[13] A1

[51] **Int.Cl. 7B60B 33/02**
[25] EN
[54] **GUIDE ROLL**
[54] **GALET DE DIRECTION**
[72] MILBREDT, MANFRED, DE
[71] TENTE-ROLLEN GMBH & CO., DE
[85] 2001-04-23
[86] 2000-08-01 (PCT/EP00/07434)
[87] 2001-03-01 (WO01/14153)
[30] DE (299 14 681.2) 1999-08-21

[21] **2,347,839**
[13] A1

[51] **Int.Cl. 7C08L 1/26 7C08L 5/00 7C08L 1/28 7C08L 1/30**
[25] EN
[54] **COMBINATIONS OF ASSOCIATIVE THICKENERS AND AQUEOUS PROTECTIVE COATING COMPOSITIONS**
[54] **COMBINAISONS D'EPAISSISSANTS ASSOCIATIFS ET DE COMPOSITIONS AQUEUSES DE REVETEMENT PROTECTEUR**
[72] KROON, GJISBERT, NL
[71] HERCULES INCORPORATED, US
[85] 2001-04-19
[86] 1999-10-29 (PCT/US99/25624)
[87] 2000-05-11 (WO00/26291)
[30] EP (98120191.6) 1998-10-30

[21] **2,347,840**
[13] A1

[51] **Int.Cl. 7H04H 1/00 7G06F 13/00 7H04M 11/08 7H04N 5/44**
[25] EN
[54] **PROGRAM INFORMATION TRANSMITTER, COMMUNICATION SYSTEM, PROGRAM INFORMATION TRANSMITTING METHOD, PROGRAM RECORDING INSTRUCTING METHOD, AND PROGRAM PURCHASING INSTRUCTING METHOD**
[54] **EMETTEUR D'INFORMATIONS DE PROGRAMME, SYSTEME DE COMMUNICATION, PROCEDE DE TRANSMISSION D'INFORMATIONS DE PROGRAMME, PROCEDE DONNANT DES INSTRUCTIONS D'ENREGISTREMENT DE PROGRAMME ET PROCEDE DONNANT DES INSTRUCTIONS D'ACHAT DE PROGRAMME**
[72] MATSUURA, TOMOKO, JP
[72] NAGAOKA, TATSUJI, JP
[72] WAKAIZUMI, MARIKO, JP
[72] SAITO, HIROJI, JP
[71] NTT DOCOMO, INC., JP
[85] 2001-04-23
[86] 2000-09-01 (PCT/JP00/05957)
[87] 2001-03-15 (WO01/19002)
[30] JP (11/250438) 1999-09-03

[21] **2,347,841**
[13] A1

[51] **Int.Cl. 7H02G 15/013 7H02G 15/113**
[25] EN
[54] **CABLE CLOSURE**
[54] **PROTECTION D'EXTREMITE DE CABLE**
[72] RADELET, CHRISTIAAN, BE
[71] TYCO ELECTRONICS RAYCHEM NV, BE
[85] 2001-04-19
[86] 1999-10-19 (PCT/GB99/03454)
[87] 2000-05-18 (WO00/28634)
[30] GB (9824447.8) 1998-11-06
[30] GB (9913441.3) 1999-06-09

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[21] **2,347,842**
[13] A1
[51] **Int.Cl. 7B29C 45/16 7B29C 37/00**
[25] EN
[54] **THERMOPLASTIC PART WITH AN INJECTED ELASTOMER SEAL**
[54] **PIECE EN MATIERE THERMOPLASTIQUE POUR VUE D'UN JOINT D'ELASTOMERE MOULE PAR INJECTION**
[72] LICHTINGER, PETER, DE
[71] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE
[85] 2001-04-19
[86] 1999-10-15 (PCT/EP99/07821)
[87] 2000-04-27 (WO00/23241)
[30] DE (198 48 246.9) 1998-10-20

[21] **2,347,843**
[13] A1
[51] **Int.Cl. 6G06F 7/00**
[25] EN
[54] **METHOD AND COMPUTER PRODUCT FOR MANAGING DATABASE DRIVEN INSERTION AND MAIL PIECE TRACKING DATA**
[54] **PROCEDE ET PRODUIT INFORMATIQUE DE GESTION DES DONNEES DE MISE SOUS PLI COMMANDEE PAR BASE DE DONNEES ET DES DONNEES DE SUIVI DU COURRIER**
[72] ANDERSON, RALPH R., JR., US
[72] MACKELPRANG, MARK G., US
[71] BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY, US
[85] 2001-04-19
[86] 1999-07-14 (PCT/US99/15924)
[87] 2000-05-04 (WO00/25200)
[30] US (60/105,804) 1998-10-27
[30] US (09/183,811) 1998-10-30

[21] **2,347,844**
[13] A1
[51] **Int.Cl. 7B29D 31/00 7E04C 2/36**
[25] EN
[54] **THERMOPLASTIC FOLDED HONEYCOMB AND PROCESS FOR ITS PRODUCTION**
[54] **CORPS ALVEOLAIRE THERMOPLASTIQUE EN ACCORDEON ET SON PROCEDE DE PRODUCTION**
[72] PFLUG, JOCHEN, DE
[72] VERPOEST, IGNACE, BE
[71] PFLUG, JOCHEN, DE
[71] K.U. LEUVEN RESEARCH & DEVELOPMENT, BE
[85] 2001-04-23
[86] 1999-10-22 (PCT/EP99/08151)
[87] 2000-06-08 (WO00/32382)
[30] DE (198 49 085.2) 1998-10-24

[21] **2,347,845**
[13] A1
[51] **Int.Cl. 7H04Q 7/38 7H04L 29/12**
[25] EN
[54] **TELECOMMUNICATION SUBSCRIBER CONNECTION USING A DOMAIN NAME SYSTEM**
[54] **CONNEXION D'ABONNE DES TELECOMMUNICATIONS EN RECOURANT A UN SYSTEME DE NOM DE DOMAINE**
[72] LAUSON, DAVID J., US
[72] MIZELL, JERRY L., US
[71] NORTEL NETWORKS LIMITED, CA
[85] 2001-04-23
[86] 1999-11-10 (PCT/US99/26665)
[87] 2000-05-18 (WO00/28775)
[30] US (09/188,964) 1998-11-10

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[13] A1
[51] **Int.Cl. 6G01R 31/28**
[25] EN
[54] **BOUNDARY SCAN METHOD FOR TERMINATING OR MODIFYING INTEGRATED CIRCUIT OPERATING MODES**
[54] **PROCEDE DE BALAYAGE DE FRONT PERMETTANT DE METTRE FIN A DES MODES DE FONCTIONNEMENT DE CIRCUITS INTEGRES OU DE MODIFIER CES MODES**
[72] GONGWER, GEOFFREY S., US
[72] TAM, EUGENE JINGLUN, US
[72] RAMAMURTHY, SRINIVAS, US
[72] FAHEY, JAMES JR., FR
[71] ATMEL CORPORATION, US
[85] 2001-04-23
[86] 1999-07-29 (PCT/US99/17349)
[87] 2000-06-08 (WO00/33094)
[30] US (09/205,651) 1998-12-03

[21] **2,347,848**
[13] A1
[51] **Int.Cl. 7F02N 5/02**
[25] EN
[54] **STARTING AND STOPPING DEVICE FOR INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF DE DEMARRAGE ET D'ARRET POUR MOTEUR A COMBUSTION INTERNE**
[72] DYKSTRA, RICHARD, US
[72] JERABEK, AARON, US
[72] FELDNER, JOHN, US
[72] GRACYALNY, GARY J., US
[72] SANTI, JOHN, US
[72] THARMAN, PAUL, US
[72] MITCHELL, ROBERT K., US
[72] DETHLOFF, STEVEN, US
[72] POEHLMAN, ART, US
[72] SEILENBINDER, DICK, US
[72] BROWN, CHARLES, IN
[72] FILIPAK, STANLEY, US
[71] BRIGGS & STRATTON CORPORATION, US
[85] 2001-04-23
[86] 1999-10-04 (PCT/US99/23046)
[87] 2000-05-11 (WO00/26531)
[30] US (09/183,425) 1998-10-30

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[21] **2,347,851**
[13] A1

[51] **Int.Cl. 7G21B 1/00**
[25] EN
[54] **ENERGY GENERATION**
[54] **GENERATION D'ENERGIE**
[72] ECCLES, CHRISTOPHER ROBERT, GB
[71] DAVIES, CHRISTOPHER JOHN, GB
[71] BEITH, ROBERT MICHAEL VICTOR, GB
[71] DAVIES, CAROLINE JANE, GB
[85] 2001-04-24
[86] 1999-10-25 (PCT/GB99/03523)
[87] 2000-05-04 (WO00/25320)
[30] GB (9823414.9) 1998-10-26
[30] GB (9904909.0) 1999-03-03

[21] **2,347,853**
[13] A1

[51] **Int.Cl. 7C07D 333/20 7C07D 221/00 7C07D 333/00 7C07D 495/04**
[25] EN
[54] **PROCESS FOR RACEMIZATION**
[54] **PROCEDE DE RACEMISATION**
[72] BAI, TIBORNE, HU
[72] SUPIC, ATTILA, HU
[72] BAKONYI, MARIA, HU
[72] DOMBRADY, ZSOLT, HU
[72] GASPARI, KATALIN, HU
[71] SANOFI-SYNTHELABO, FR
[85] 2001-04-24
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[87] 2000-05-18 (WO00/27840)
[30] HU (P 9802586) 1998-11-09

[21] **2,347,855**
[13] A1

[51] **Int.Cl. 7A61K 31/44**
[25] EN
[54] **USE OF A NICOTINE RECEPTOR AGONIST IN THE TREATMENT OF OBSESSIVE COMPULSIVE DISORDER**
[54] **UTILISATION D'UN AGONISTE DU RECEPTEUR DE NICOTINE POUR LE TRAITEMENT DE TROUBLES OBSESSIONNELS IMPULSIFS**
[72] CARLSSON, MARIA, SE
[72] CARLSSON, ARVID, SE
[71] A. CARLSSON RESEARCH AB, SE
[85] 2001-04-24
[86] 1999-10-29 (PCT/SE99/01948)
[87] 2000-05-11 (WO00/25783)
[30] SE (9803732-8) 1998-11-02

[21] **2,347,856**
[13] A1

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[25] EN
[54] **DRY POWDER FOR INHALATION**
[54] **POUDRE SECHE POUR INHALATION**
[72] MULLER-WALZ, RUDI, DE
[72] KELLER, MANFRED, DE
[71] JAGO RESEARCH AG, CH
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[87] 2000-05-25 (WO00/28979)
[30] CH (2286/98) 1998-11-13

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[13] A1

[51] **Int.Cl. 7G01N 33/00 7G01N 27/12 7G01N 33/497**
[25] EN
[54] **APPARATUS AND METHODS RELATING TO HUMIDIFIED AIR AND TO OLFATORY MONITORING**
[54] **APPAREIL ET PROCEDE SE RAPPORTANT A L'AIR HUMIDIFIE ET A LA SURVEILLANCE OLFACTIVE**
[72] HOUGHTON, COLIN JOHN, GB
[72] MOTTRAM, TOBY TREVOR FURY, GB
[72] VASS, STEVEN GEORGE, GB
[71] BTG INTERNATIONAL LIMITED, GB
[85] 2001-04-24
[86] 1999-11-09 (PCT/GB99/03726)
[87] 2000-05-18 (WO00/28318)
[30] GB (9824556.6) 1998-11-09

[21] **2,347,863**
[13] A1

[51] **Int.Cl. 7A61K 31/445**
[25] EN
[54] **TREATMENT OF DISORDERS OF THE OUTER RETINA**
[54] **TRAITEMENT DES AFFECTIONS DE LA RETINE**
[72] COLLIER, ROBERT J., JR., US
[72] BARNES, GEORGE E., US
[72] CHANDLER, MICHAEL L., US
[72] HELLBERG, MARK R., US
[72] KAPIN, MICHAEL A., US
[71] ALCON LABORATORIES, INC., US
[85] 2001-04-24
[86] 1999-10-20 (PCT/US99/24502)
[87] 2000-05-04 (WO00/24396)
[30] US (60/105,712) 1998-10-27

[21] **2,347,866**
[13] A1

[51] **Int.Cl. 7G06F 3/147 7G09G 3/34**
[25] EN
[54] **BROADCAST SYSTEM FOR DISPLAY DEVICES MADE OF ELECTRONIC INK**
[54] **SYSTEME DE DIFFUSION POUR DISPOSITIFS D'AFFICHAGE A ENCRE ELECTRONIQUE**
[72] GATES, HOLLY G., US
[72] WILCOX, RUSSELL J., US
[72] ALBERT, JONATHAN D., US
[71] E INK CORPORATION, US
[85] 2001-04-24
[86] 1999-11-02 (PCT/US99/25785)
[87] 2000-05-11 (WO00/26761)
[30] US (60/106,713) 1998-11-02

[21] **2,347,870**
[13] A1

[51] **Int.Cl. 6G01N 7/00 6G01N 33/00**
[25] EN
[54] **METHOD AND APPARATUS FOR LOCATING HIDDEN CORPSES BY DETECTING VOLATILE GAS COMBINATIONS**
[54] **PROCEDE ET APPAREIL DE LOCALISATION DE CADAVRES CACHES, PAR DETECTION DE MELANGES DE GAZ VOLATILS**
[72] COPP, DOUGLAS F., US
[71] COPP, DOUGLAS F., US
[85] 2001-04-24
[86] 1999-10-28 (PCT/US99/25343)
[87] 2000-05-04 (WO00/25108)
[30] US (09/181,793) 1998-10-28

[21] **2,347,874**
[13] A1

[51] **Int.Cl. 7F02M 25/07 7F16K 11/052 7F16K 11/14**
[25] EN
[54] **A METHOD AND DEVICE FOR AN EGR-SYSTEM AND A VALVE AS WELL AS A REGULATION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF POUR SYSTEME DE RECIRCULATION DES GAZ D'ECHAPPEMENT ET SOUPEE ASSOCIEE, ET PROCEDE ET DISPOSITIF DE REGULATION**
[72] ERIKSSON, INGEMAR, SE
[72] BLOMQUIST, MICHAEL, SE
[71] STT HOLDING AB, SE
[85] 2001-04-24
[86] 1999-11-09 (PCT/SE99/02029)
[87] 2000-05-18 (WO00/28203)
[30] SE (9803827-6) 1998-11-09
[30] SE (9804240-1) 1998-12-07

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[13] A1
[51] **Int.Cl. 7B26B 27/00**
[25] EN
[54] **TOOL FOR CUTTING OUT
MOTOR VEHICLE WINDSCREENS**
[54] **OUTIL POUR DECOUPER DES
PARE-BRISE DE VEHICULES
AUTOMOBILES**
[72] GMEILBAUER, ENGELBERT, DE
[71] GMEILBAUER, ENGELBERT, DE
[85] 2001-04-24
[86] 1999-10-27 (PCT/DE99/03421)
[87] 2000-05-04 (WO00/24536)
[30] DE (298 19 258.6) 1998-10-28

[21] **2,347,905**
[13] A1
[51] **Int.Cl. 7C12N 15/11 7C07H 21/00
7A61P 35/00 7A61K 31/712**
[25] EN
[54] **P53 MORPHOLINO-BASED
ANTISENSE**
[54] **AGENT ANTISENS P53 ET
PROCEDE ASSOCIE**
[72] IVERSEN, PATRICK L., US
[71] AVI BIOPHARMA, INC., US
[85] 2001-04-24
[86] 1999-10-22 (PCT/US99/24758)
[87] 2000-05-04 (WO00/24885)
[30] US (60/105,695) 1998-10-26

[21] **2,347,907**
[13] A1
[51] **Int.Cl. 7A61K 7/06 7A61K 9/00
7A61K 47/32 7A61K 9/70**
[25] EN
[54] **PREPARATIONS FOR TOPICAL
APPLICATION OF SUBSTANCES
HAVING ANTIANDROGENIC EFFECT**
[54] **PREPARATIONS POUR
APPLICATION TOPIQUE DE
SUBSTANCES A EFFET
ANTIANDROGENE**
[72] BOHN, MANFRED, DE
[72] KRAEMER, KARL THEODOR, DE
[71] AVENTIS PHARMA DEUTSCHLAND
GMBH, DE
[85] 2001-04-20
[86] 1999-10-12 (PCT/EP99/07660)
[87] 2000-05-04 (WO00/24366)
[30] DE (198 48 856.4) 1998-10-23
[30] DE (199 00 749.7) 1999-01-12

[21] **2,347,908**
[13] A1
[51] **Int.Cl. 7C12P 17/04 7C12N 1/16
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[25] EN
[54] **METHOD OF PRODUCING
.GAMMA-DECALACTONE**
[54] **PROCEDE DE PREPARATION DE
GAMMA-DECALACTONE**
[72] GATFIELD, IAN, DE
[72] RABENHORST, JURGEN, DE
[71] HAARMANN & REIMER GMBH, DE
[85] 2001-04-20
[86] 1999-10-20 (PCT/EP99/07950)
[87] 2000-05-04 (WO00/24920)
[30] EP (98120206.2) 1998-10-24

[21] **2,347,909**
[13] A1
[51] **Int.Cl. 7A61K 31/445 7C07D 401/04
7C07D 221/20 7C07D 211/32 7C07D 211/
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211/66 7C07D 211/76**
[25] EN
[54] **N-UREIDOALKYL-PIPERIDINES
AS MODULATORS OF CHEMOKINE
RECEPTOR ACTIVITY**
[54] **N-UREIDOALKYL-PIPERIDINES
UTILISEES EN TANT QUE
MODULATEURS DE L'ACTIVITE DES
RECEPTEURS DES CHIMIOKINES**
[72] DELUCCA, GEORGE V., US
[72] CLARK, CHERYL MCARDLE, US
[72] KO, SOO S., US
[72] WACKER, DEAN A., US
[72] SANTELLA, JOSEPH B., III, US
[72] DUNCIA, JOHN V., US
[71] DUPONT PHARMACEUTICALS
COMPANY, US
[85] 2001-04-20
[86] 1999-12-17 (PCT/US99/30335)
[87] 2000-06-22 (WO00/35453)
[30] US (60/112,717) 1998-12-18
[30] US (60/161,137) 1999-10-22

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[13] A1
[51] **Int.Cl. 7C07D 311/58 7C07D 221/00
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215/54 7C07D 311/92**
[25] EN
[54] **SUBSTITUTED BENZOPYRAN
ANALOGS FOR THE TREATMENT OF
INFLAMMATION**
[54] **ANALOGUES SUBSTITUES DE
BENZOPYRANNE POUR LE
TRAITEMENT DE L'INFLAMMATION**
[72] DEVADAS, BALEKUDRU, US
[72] NAGARAJAN, SRINIVASAN R., US
[72] CARTER, JEFFREY S., US
[72] METZ, SUZANNE, US
[72] BROWN, DAVID L., US
[72] GRANETO, MATTHEW J., US
[72] KORTE, DONALD E., US
[72] ROGIER, DONALD J., JR., US
[72] OBUKOWICZ, MARK G., US
[72] HARTMANN, SUSAN J., US
[72] BERTENSHAW, STEPHEN R., US
[72] LUDWIG, CINDY L., US
[72] TALLEY, JOHN J., US
[72] HANAU, CATHLEEN E., US
[71] G.D. SEARLE & CO., US
[85] 2001-04-19
[86] 1999-10-15 (PCT/US99/21460)
[87] 2000-04-27 (WO00/23433)
[30] US (09/175,584) 1998-10-20

[21] **2,347,911**
[13] A1
[51] **Int.Cl. 7C07K 5/06 7A61K 38/55**
[25] EN
[54] **SINGLE MORPHIC FORMS OF
KNOWN PEPTIDE
METALLOPROTEINASE INHIBITORS**
[54] **FORMES MORPHIQUES UNIQUES
D'INHIBITEURS DE
METALLOPROTEINASE DE PEPTIDE
CONNUS**
[72] EVANS, GRAHAM ROBERT, GB
[72] KATZ, RUTH BERNICE, GB
[71] DARWIN DISCOVERY LIMITED, GB
[85] 2001-04-23
[86] 1999-10-20 (PCT/GB99/03464)
[87] 2000-05-04 (WO00/24763)
[30] GB (9823335.6) 1998-10-23
[30] GB (9823336.4) 1998-10-23

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[13] A1

[51] **Int.Cl. 7C07D 211/26 7C07D 403/06 7C07D 409/14 7A61K 31/445 7A61K 31/47 7A61K 31/495**
[25] EN
[54] **HETEROCYCLIC PIPERIDINES AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY**
[54] **PIPERIDINES HETEROCYCLIQUES UTILISEES EN TANT QUE MODULATEURS DE L'ACTIVITE DES RECEPTEURS DES CHIMIOKINES**
[72] KO, SOO S., US
[72] DELUCCA, GEORGE V., US
[72] SANTELLA, JOSEPH B., III, US
[72] DUNCIA, JOHN V., US
[72] WACKER, DEAN A., US
[71] DUPONT PHARMACEUTICALS COMPANY, US
[85] 2001-04-24
[86] 1999-12-17 (PCT/US99/30314)
[87] 2000-06-22 (WO00/35877)
[30] US (60/112,714) 1998-12-18

[21] **2,347,913**
[13] A1

[51] **Int.Cl. 7A61K 9/32 7A61K 9/48 7A61K 31/7076**
[25] EN
[54] **ORAL ADMINISTRATION OF ADENOSINE ANALOGS**
[54] **ADMINISTRATION PAR VOIE ORALE D'ANALOGUES DE L'ADENOSINE**
[72] WRENN, SIMEON M., JR., US
[71] SUPERGEN, INC., US
[85] 2001-04-24
[86] 1999-11-01 (PCT/US99/25676)
[87] 2000-05-11 (WO00/25758)
[30] US (09/185,909) 1998-11-04

[21] **2,347,914**
[13] A1

[51] **Int.Cl. 7A61K 35/12 7A61P 37/06**
[25] EN
[54] **USES OF FIBROBLASTS OR SUPERNATANTS FROM FIBROBLASTS FOR THE SUPPRESSION OF IMMUNE RESPONSES IN TRANSPLANTATION**
[54] **UTILISATIONS DE FIBROBLASTES OU DE SURNAGEANTS DE FIBROBLASTES POUR LA SUPPRESSION DES REPONSES IMMUNITAIRES EN TRANSPLANTATION**
[72] MC INTOSH, KEVIN R., US
[72] KLYUSHNENKOVA, ELENA N., US
[72] MOSCA, JOSEPH D., US
[71] OSIRIS THERAPEUTICS, INC., US
[85] 2001-04-24
[86] 1999-11-04 (PCT/US99/25963)
[87] 2000-05-25 (WO00/29001)
[30] US (60/108,234) 1998-11-13

[21] **2,347,915**
[13] A1

[51] **Int.Cl. 7A61K 41/00**
[25] EN
[54] **ENHANCED RADIATION THERAPY**
[54] **RADIOTHERAPIE AMELIOREE**
[72] WOLF, GERALD L., US
[72] BACON, EDWARD R., US
[72] MCINTIRE, GREGORY L., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] NYCOMED IMAGING AS, NO
[85] 2001-04-26
[86] 1999-10-29 (PCT/US99/25558)
[87] 2000-05-11 (WO00/25819)
[30] US (09/183,166) 1998-10-29
[30] US (60/131,418) 1999-04-28
[30] GB (9909799.1) 1999-04-28

[21] **2,347,916**
[13] A1

[51] **Int.Cl. 7A61K 31/415**
[25] EN
[54] **INHIBITION OF THE FORMATION OF VASCULAR HYPERPERMEABILITY**
[54] **INHIBITION DE LA FORMATION D'UNE HYPERPERMEABILITE VASCULAIRE**
[72] ARNOLD, LEE D., US
[72] BOUSQUET, PETER F., US
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2001-04-24
[86] 1999-11-03 (PCT/US99/25903)
[87] 2000-05-18 (WO00/27414)
[30] US (60/107,462) 1998-11-06

[21] **2,347,917**
[13] A1

[51] **Int.Cl. 6C07K 14/61 6G06F 17/30 6C07K 14/535 6C07K 14/54**
[25] EN
[54] **PROTEIN ENGINEERING**
[54] **INGENIERIE DES PROTEINES**
[72] ANDREWS, PETER RONALD, AU
[72] DOOLEY, MICHAEL JOHN, AU
[72] SMYTHE, MARK LESLIE, AU
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2001-04-20
[86] 1999-10-21 (PCT/AU99/00914)
[87] 2000-04-27 (WO00/23474)
[30] AU (PP 6606) 1998-10-21

[21] **2,347,921**
[13] A1

[51] **Int.Cl. 6A61K 9/08**
[25] EN
[54] **PREPARATION OF IRRIGATING SOLUTION FOR OCULAR SURGERY**
[54] **PREPARATION DE PERFUSAT POUR INTERVENTION OPHTHALMOLOGIQUE**
[72] NAKAMURA, SHIGERU, JP
[72] MIICHI, HIROAKI, JP
[72] HATA, TOSHINAO, JP
[72] NAOI, NOBUHISA, JP
[72] SAITO, FUMIO, JP
[72] YONEDA, TOYOAKI, JP
[72] OHNUMA, TAKESHI, JP
[71] OPHTTECS CORPORATION, JP
[85] 2001-04-20
[86] 1998-10-21 (PCT/JP98/04757)
[87] 2000-04-27 (WO00/23048)

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[13] A1
[51] **Int.Cl. 6C07F 17/00 6C07F 9/00 6A61K 31/28**
[25] EN
[54] **VANADIUM COMPOUNDS FOR TREATING CANCER**
[54] **COMPOSES A BASE DE VANADIUM POUR TRAITEMENT ANTICANCEREUX**
[72] DONG, YANHONG, US
[72] GHOSH, PHALGUNI, US
[72] UCKUN, FATIH M., US
[71] PARKER HUGHES INSTITUTE, US
[85] 2001-02-15
[86] 1999-08-20 (PCT/US99/19016)
[87] 2000-06-22 (WO00/35930)
[30] US (60/097,377) 1998-08-21
[30] US (09/187,115) 1998-11-05

[21] **2,347,923**
[13] A1
[51] **Int.Cl. 7C07K 1/04 7C07B 61/00 7C07H 21/00 7B01J 19/00**
[25] EN
[54] **SOLID PHASE SYNTHESIS WITH THE SOLID PHASE CONSISTING OF TWO DIFFERENT SUBSTRATES**
[54] **SYNTHESE SUR PHASE SOLIDE DONT LA PHASE SOLIDE COMPREND DEUX SUBSTRATS DIFFERENTS**
[72] SEEGER, STEFAN, DE
[71] MOLECULAR MACHINES & INDUSTRIES GMBH, DE
[85] 2001-04-19
[86] 1999-09-29 (PCT/EP99/07203)
[87] 2000-04-06 (WO00/18792)
[30] DE (198 44 988.7) 1998-09-30

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[13] A1
[51] **Int.Cl. 7A61K 9/107 7A61P 23/00 7A61K 31/05 7A61K 47/10 7A61K 47/12 7A61K 47/18**
[25] EN
[54] **PROPOFOL COMPOSITION**
[54] **COMPOSITION DE PROPOFOL**
[72] MENON, SUKUMARAN K., US
[72] HOFSTETTER, JOHN, US
[72] WATERSON, JAMES R., US
[72] OLSON, KATHLEEN L., US
[72] MIKRUT, BERNARD A., US
[72] MAY, THOMAS, US
[72] OVENSHERE, CLAYTON S., US
[72] SPEICHER, EARL R., US
[72] RHODES, LAWRENCE JOHN, US
[71] ABBOTT LABORATORIES, US
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24347)
[87] 2000-05-04 (WO00/24376)
[30] US (09/178,347) 1998-10-23
[30] US (09/354,017) 1999-07-15

[21] **2,347,926**
[13] A1
[51] **Int.Cl. 7A61K 35/78 7A61P 33/02 7A61P 31/10 7C07C 47/225 7C07D 311/32**
[25] EN
[54] **PLANT-DERIVED ANTI-PARASITIC AND ANTIFUNGAL COMPOUNDS AND METHODS OF EXTRACTING THE COMPOUNDS**
[54] **COMPOSES ANTIPARASITAIRES ET ANTIFONGIQUES DERIVES DE PLANTES ET PROCEDES D'EXTRACTION DE CES COMPOSES**
[72] IWU, MAURICE M., US
[72] TALLY, JOHN D., JR., US
[72] AYAFOR, JOHNSON F., CM
[72] OKUNJI, CHRISTOPHER O., US
[72] BACCHI, CYRUS, US
[72] JACKSON, JOAN E., US
[71] WALTER REED ARMY INSTITUTE OF RESEARCH, US
[85] 2001-04-26
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[87] 2000-05-04 (WO00/24411)
[30] US (60/105,888) 1998-10-27

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[13] A1
[51] **Int.Cl. 7C12N 15/13 7A61K 45/00 7C12N 5/10 7A61K 9/48 7G01N 33/53 7C12N 15/62**
[25] EN
[54] **CELL SURFACE MOLECULE-INDUCED MACROPHAGE ACTIVATION**
[54] **ACTIVATION DES MACROPHAGES INDUITE PAR DES MOLECULES DE SURFACE**
[72] WONG, SHOU, US
[72] HAMMANG, JOSEPH P., US
[72] TAO, WENG, US
[72] HICKEY, WILLIAM F., US
[72] BAETGE, E. EDWARD, CH
[71] NEUROTECH S.A., FR
[85] 2001-04-25
[86] 1999-10-21 (PCT/US99/24630)
[87] 2000-05-04 (WO00/24897)
[30] US (09/178,869) 1998-10-26

[21] **2,347,939**
[13] A1
[51] **Int.Cl. 6A61K 31/50 6C07D 403/04**
[25] EN
[54] **IMMUNOMODULATORY DRUG COMPOSITION**
[54] **COMPOSITION DE MEDICAMENT IMMUNOMODULATEUR**
[72] MATSUMORI, AKIRA, JP
[71] MATSUMORI, AKIRA, JP
[85] 2001-04-23
[86] 1998-10-23 (PCT/JP98/04804)
[87] 2000-05-04 (WO00/24397)

[21] **2,347,940**
[13] A1
[51] **Int.Cl. 6C07H 21/04 6A61K 48/00 6C07K 16/00 6C12N 15/63 6C12N 15/85**
[25] EN
[54] **USE OF CORE 2 GLCNAC TRANSFERASE INHIBITORS IN TREATING INFLAMMATION**
[54] **UTILISATION D'INHIBITEURS DE 2 GLCNAC TRANSFERASE CENTRALE DANS LE TRAITEMENT D'INFLAMMATION**
[72] MARTH, JAMEY D., US
[72] ELLIES, LESLIE G., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2001-04-23
[86] 1999-11-20 (PCT/US99/27465)
[87] 2000-06-02 (WO00/31109)
[30] US (60/109,416) 1998-11-21
[30] US (60/113,679) 1998-12-21

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<p style="text-align: right;">[21] 2,347,944 [13] A1</p> <p>[51] Int.Cl. 7A61N 5/10 [25] EN [54] METHOD AND SYSTEM FOR PHYSIOLOGICAL GATING OF RADIATION THERAPY [54] PROCEDE ET SYSTEME DE DECLENCHEMENT PHYSIOLOGIQUE D'UNE RADIOTHERAPIE [72] MOSTAFAVI, HASSAN, US [72] MANSFIELD, STANLEY, US [72] RIAZIAT, MAJID L., US [71] VARIAN MEDICAL SYSTEMS, INC., US [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/24947) [87] 2000-05-04 (WO00/24467) [30] US (09/178,384) 1998-10-23</p>	<p style="text-align: right;">[21] 2,347,948 [13] A1</p> <p>[51] Int.Cl. 7B32B 3/28 7B32B 3/30 [25] EN [54] CORRUGATED MULTILAYER METAL FOIL INSULATION PANELS AND METHODS OF MAKING [54] PANNEAUX ISOLANTS MULTICOUCHES DE TOLES OU FEUILLES DE METAL ONDULEES, ET LEUR PROCEDE DE FABRICATION [72] RAGLAND, CHRISTOPHER V., US [72] PEARCE, J. BRADLEY, US [72] RAGLAND, RAYMOND E., US [72] REMKE, MATTHEW S., US [71] ATD CORPORATION, US [85] 2001-04-20 [86] 1999-10-20 (PCT/US99/24674) [87] 2000-04-27 (WO00/23268) [30] US (60/104,909) 1998-10-20</p>	<p style="text-align: right;">[21] 2,347,950 [13] A1</p> <p>[51] Int.Cl. 7C07D 487/04 7C07D 231/00 7C07D 239/00 7C07D 401/12 7C07D 231/14 7A61K 31/519 [25] EN [54] PYRAZOLOPYRIMIDINONE CGMP PDE5 INHIBITORS FOR THE TREATMENT OF SEXUAL DYSFUNCTION [54] INHIBITEURS DE CGMP PDE5 DE PYRAZOLOPYRIMIDINONESERVANT A TRAITER LE DYSFONCTIONNEMENT SEXUEL [72] RAWSON, DAVID JAMES, GB [72] MATHIAS, JOHN PAUL, GB [72] WOOD, ANTHONY, GB [72] BUNNAGE, MARK EDWARD, GB [72] MAW, GRAHAM NIGEL, GB [72] STREET, STEPHEN DEREK ALBERT, GB [71] PFIZER INC., US [85] 2001-04-20 [86] 1999-10-19 (PCT/IB99/01706) [87] 2000-05-04 (WO00/24745) [30] GB (9823102.0) 1998-10-23 [30] GB (9823101.2) 1998-10-23</p>
<p style="text-align: right;">[21] 2,347,946 [13] A1</p> <p>[51] Int.Cl. 7H04L 1/18 [25] EN [54] COMBINED HYBRID AUTOMATIC RETRANSMISSION REQUEST SCHEME [54] LOGIQUE COMBINEE POUR DEMANDES DE RETRANSMISSION AUTOMATIQUE HYBRIDES [72] FURUSKAR, ANDERS, SE [72] JAVERBRING, STEFAN, SE [72] KHAN, FAROOQ, US [72] NYSTROM, JOHAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-04-20 [86] 1999-10-22 (PCT/SE99/01910) [87] 2000-05-04 (WO00/25469) [30] US (60/105,372) 1998-10-23</p>	<p style="text-align: right;">[21] 2,347,949 [13] A1</p> <p>[51] Int.Cl. 7A61B 18/14 7H01H 9/00 7G06M 1/08 7H01R 13/66 [25] EN [54] ELECTROSURGICAL DEVICE HAVING A DIELECTRIC SEAL [54] DISPOSITIF ELECTROCHIRURGICAL POSSEDANT UNE SOUDURE PAR HAUTE FREQUENCE [72] SARTOR, JOE D., US [72] KELM, VERNITA, US [72] SCHOENMAN, ARTHUR L., US [71] SHERWOOD SERVICES AG, CH [85] 2001-04-20 [86] 1999-09-21 (PCT/IB99/01753) [87] 2000-05-04 (WO00/24329) [30] US (60/105,367) 1998-10-23</p>	<p style="text-align: right;">[21] 2,347,951 [13] A1</p> <p>[51] Int.Cl. 7C08K 3/10 7C08L 31/04 7H01B 1/20 [25] EN [54] CROSSLINKED CONDUCTING POLYMER COMPOSITE MATERIALS AND METHOD OF MAKING SAME [54] MATERIAUX COMPOSITES POLYMERES CONDUCTEURS RETICULES ET PROCEDE DE PRODUCTION [72] FOULGER, STEPHEN H., US [72] TRIAL, THIERRY, US [72] QUINN, JEFFREY, US [71] PIRELLI CABLES AND SYSTEMS LLC, US [85] 2001-04-20 [86] 1999-10-18 (PCT/US99/24286) [87] 2000-05-04 (WO00/24816) [30] US (09/178,140) 1998-10-23 [30] US (09/406,193) 1999-09-27</p>
<p style="text-align: right;">[21] 2,347,947 [13] A1</p> <p>[51] Int.Cl. 7B07B 1/42 [25] EN [54] A VIBRATOR ASSEMBLY [54] ENSEMBLE VIBREUR [72] STANIAK, KRYSSTOF, BR [71] MANOREX LIMITED, GB [85] 2001-04-20 [86] 1999-10-21 (PCT/IB99/01820) [87] 2000-04-27 (WO00/23202) [30] ZA (98/9575) 1998-10-21</p>		

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<p style="text-align: right;">[21] 2,347,952 [13] A1</p> <p>[51] Int.Cl. 6B65D 1/36 [25] EN [54] MULTI-TIER VIAL PLATE PLAQUE DE FLACONS A ETAGES MULTIPLES [72] FINNERAN, JAMES G., US [71] J.G. FINNERAN ASSOCIATES, INC., US [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/24775) [87] 2000-05-11 (WO00/26096) [30] US (09/187,009) 1998-11-04</p>	<p style="text-align: right;">[21] 2,347,956 [13] A1</p> <p>[51] Int.Cl. 7C01C 1/10 7C02F 1/58 [25] EN [54] METHOD FOR OBTAINING AMMONIA FROM WASTE WATER CONTAINING NH3 AND ACID GASES [54] PROCEDE D'OBTENTION D'AMMONIAC A PARTIR D'EAUX RESIDUAIRES RENFERMANT NH3 ET DES GAZ ACIDES [72] LINICUS, MATTHIAS, DE [72] UNGAR, GERT, DE [72] STONNER, HANS-MARTIN, DE [71] METALLGESELLSCHAFT AG, DE [85] 2001-04-20 [86] 1999-10-19 (PCT/EP99/07910) [87] 2000-04-27 (WO00/23379) [30] DE (198 48 499.2) 1998-10-21</p>	<p style="text-align: right;">[21] 2,347,961 [13] A1</p> <p>[51] Int.Cl. 7G01N 27/26 [25] EN [54] METHOD AND APPARATUS FOR MONITORING AND DISPLAYING THE STATUS OF A PARALLEL CAPILLARY ELECTROPHORESIS DEVICE [54] PROCEDE ET APPAREIL DE SUIVI ET DE PRESENTATION DE L'ETAT D'UN DISPOSITIF D'ELECTROPHORESE A CAPILLAIRES PARALLELES [72] KANE, THOMAS E., US [72] FIELDS, ROBERT E., III, US [71] SPECTRUMEDIX CORPORATION, US [85] 2001-04-20 [86] 1999-10-21 (PCT/US99/24657) [87] 2000-04-27 (WO00/23796) [30] US (09/176,106) 1998-10-21</p>
<p style="text-align: right;">[21] 2,347,954 [13] A1</p> <p>[51] Int.Cl. 6F02C 3/00 [25] EN [54] POWER GENERATION SYSTEM [54] SYSTEME DE GENERATION D'ENERGIE [72] KIKUCHI, MASAICHI, JP [71] KIKUCHI, MASAICHI, JP [71] MORIWAKI, YUKIKO, JP [71] NAKAJIMA, SHIGETO, JP [85] 2001-04-20 [86] 1999-08-23 (PCT/JP99/04531) [87] 2001-03-01 (WO01/14703)</p>	<p style="text-align: right;">[21] 2,347,958 [13] A1</p> <p>[51] Int.Cl. 7B60N 2/20 7E05C 3/00 7B60N 2/433 [25] EN [54] VEHICLE SEAT LOCKING DEVICE [54] DISPOSITIF DE VERROUILLAGE DE SIEGE DE VEHICULE [72] DOMINGUEZ RUBIO, FRANCISCO, ES [72] OLMEDO DIEZ, RAFAEL, ES [71] GRUPO ANTOLIN-INGENIERIA, S.A., ES [85] 2001-04-20 [86] 1999-08-23 (PCT/ES99/00271) [87] 2001-03-01 (WO01/14166)</p>	<p style="text-align: right;">[21] 2,347,967 [13] A1</p> <p>[51] Int.Cl. 7C08B 37/08 7A61P 3/06 7A23L 1/29 7A61K 31/722 [25] EN [54] SUBSTANCE FOR REDUCTION OF CHOLESTEROL AS WELL AS LIPIDS CONTENT [54] SUBSTANCE UTILISEE POUR LA REDUCTION DU TAUX DE CHOLESTEROL ET DE LIPIDES [72] SAYNATJOKI, ELINA, FI [72] WUOLIJOKI, ERKKI, FI [72] WULFF, MARKETTA, FI [72] YLITALO, PAULI, FI [72] HAKLI, HARRI, FI [72] POMOELL, HARRI, FI [72] STRUSZCZYK, HENRYK, PL [71] NOVASSO OY, FI [85] 2001-04-20 [86] 1999-10-25 (PCT/FI99/00885) [87] 2000-05-04 (WO00/24785) [30] FI (982291) 1998-10-23</p>
<p style="text-align: right;">[21] 2,347,955 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/20 6A61K 7/16 [25] EN [54] DENTAL WHITENING COMPOSITION [54] COMPOSITION DE BLANCHIMENT DENTAIRE [72] TROM, MATT C., US [72] OXMAN, JOEL D., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2001-04-26 [86] 1999-03-16 (PCT/US99/06146) [87] 2000-05-25 (WO00/28955) [30] US (09/190,541) 1998-11-12</p>	<p style="text-align: right;">[21] 2,347,960 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/10 7C07K 1/22 7C07K 14/31 [25] EN [54] A METHOD OF AFFINITY SEPARATION AND LIGANDS FOR USE THEREIN [54] PROCEDE DE SEPARATION PAR AFFINITE ET LIGANDS UTILISES DANS CE PROCEDE [72] HOBER, SOPHIA, SE [72] UHLEN, MATHIAS, SE [71] AFFIBODY TECHNOLOGY SWEDEN AB, SE [85] 2001-04-20 [86] 1999-10-21 (PCT/GB99/03484) [87] 2000-04-27 (WO00/23580) [30] GB (9823071.7) 1998-10-21</p>	

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[21] **2,347,969**
[13] A1
[51] **Int.Cl. 7B29C 57/00 7B65B 7/16 7B29C 65/18**
[25] EN
[54] **SEALING FILMS TO TRAYS**
[54] **THERMOSCELLAGE DE FILMS SUR DES BARQUETTES**
[72] GORLICH, MICHAEL P., US
[71] MARLEN RESEARCH CORPORATION, US
[85] 2001-04-20
[86] 1999-10-06 (PCT/US99/23133)
[87] 2000-05-04 (WO00/24564)
[30] US (09/177,741) 1998-10-23

[21] **2,347,970**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7A23G 1/00**
[25] EN
[54] **USE OF DNA IDENTIFICATION TECHNIQUES FOR THE DETERMINATION OF GENETIC MATERIAL OF COCOA IN FERMENTED OR ROASTED BEANS AND CHOCOLATE**
[54] **UTILISATION DE TECHNIQUES D'IDENTIFICATION D'ADN POUR LA DETERMINATION DU MATERIEL GENETIQUE DU CACAO A PARTIR DE FEVES ET DE VARIETES DE CHOCOLAT FERMENTEES ET TORREFIEES**
[72] CROUZILLAT, DOMINIQUE, FR
[72] PETIARD, VINCENT, FR
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2001-04-20
[86] 1999-10-29 (PCT/EP99/08268)
[87] 2000-05-18 (WO00/28078)
[30] EP (98121043.8) 1998-11-05

[21] **2,347,974**
[13] A1
[51] **Int.Cl. 7F16B 35/00 7F16B 35/04**
[25] EN
[54] **LIGHTWEIGHT THREADED FASTENER AND THREAD ROLLING DIE**
[54] **ATTACHE FILETEE LEGERE ET MATRICE DE FILETAGE PAR ROULAGE**
[72] MARCH, MICHAEL U., US
[71] HUCK INTERNATIONAL, INC., US
[85] 2001-04-20
[86] 1999-10-05 (PCT/US99/23337)
[87] 2000-05-11 (WO00/26546)
[30] US (09/183,209) 1998-10-29

[21] **2,347,975**
[13] A1
[51] **Int.Cl. 7A61K 7/06**
[25] EN
[54] **REDUCTION OF HAIR GROWTH**
[54] **REDUCTION DE LA POUSSE DES POILS**
[72] STYCZYNSKI, PETER, US
[72] AHLUWALIA, GURPREET S., US
[71] THE GILLETTE COMPANY, US
[85] 2001-04-20
[86] 1999-10-14 (PCT/US99/23835)
[87] 2000-05-04 (WO00/24368)
[30] US (09/179,267) 1998-10-27

[21] **2,347,976**
[13] A1
[51] **Int.Cl. 7A61K 31/445 7A61K 47/12**
[25] EN
[54] **PLASTICS CONTAINER CONTAINING STABILISED DRUG FORMULATIONS**
[54] **EMBALLAGE EN PLASTIQUE CONTENANT DES FORMULES MEDICAMENTEUSES STABILISEES**
[72] BROWN, STEPHEN, GB
[71] DARWIN DISCOVERY LIMITED, GB
[85] 2001-04-23
[86] 1999-11-02 (PCT/GB99/03639)
[87] 2000-05-11 (WO00/25785)
[30] GB (9824161.5) 1998-11-04

[21] **2,347,977**
[13] A1
[51] **Int.Cl. 7A61F 2/30 7A61L 27/18 7A61F 2/46**
[25] EN
[54] **APPARATUS FOR PERCUTANEOUS INTERPOSITION BALLOON ARTHROPLASTY**
[54] **APPAREIL POUR ARTHROPLASTIE PERCUTANEE AVEC INTERPOSITION DE BALLONNET**
[72] FRAUENS, JOHN T., US
[71] FRAUENS, JOHN T., US
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24467)
[87] 2000-04-27 (WO00/23009)
[30] US (60/105,231) 1998-10-21

[21] **2,347,978**
[13] A1
[51] **Int.Cl. 7A61M 15/00 7A61K 9/00 7B05D 1/04**
[25] EN
[54] **METHOD OF DEPOSITING A DRY POWDER AND DISPENSING DEVICE**
[54] **METHODE DE DEPOT D'UNE POUDRE SECHE ET DISTRIBUTEUR**
[72] SINGH, BAWA, US
[72] MCGINN, JOSEPH THOMAS, US
[72] CHRAI, SUGGY S., US
[71] DELSYS PHARMACEUTICAL CORPORATION, US
[85] 2001-04-23
[86] 1999-10-25 (PCT/US99/25051)
[87] 2000-05-18 (WO00/27456)
[30] US (09/187,092) 1998-11-05

[21] **2,347,979**
[13] A1
[51] **Int.Cl. 7A61K 7/00**
[25] EN
[54] **TREATMENT OF SKIN WITH ADENOSINE OR ADENOSINE ANALOG**
[54] **TRAITEMENT DE LA PEAU AU MOYEN D'ADENOSINE OU D'UN ANALOGUE D'ADENOSINE**
[72] ETHIER, MICHAEL F., US
[72] DOBSON, JAMES G., JR., US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2001-04-23
[86] 1999-10-26 (PCT/US99/25020)
[87] 2000-05-04 (WO00/24365)
[30] US (09/179,006) 1998-10-26

[21] **2,347,981**
[13] A1
[51] **Int.Cl. 7C07D 401/12 7A61K 9/28 7A61K 31/41 7A61K 31/44**
[25] EN
[54] **IMPROVED CHEMICAL PROCESS AND PHARMACEUTICAL FORMULATION**
[54] **PROCEDE CHIMIQUE AMELIORE, ET FORMULATION PHARMACEUTIQUE**
[72] JOSEFSSON, LARS, SE
[72] ERICKSON, MAGNUS, SE
[72] GUSTAVSSON, ANDERS, SE
[71] ASTRAZENECA AB, SE
[85] 2001-04-23
[86] 1999-11-15 (PCT/SE99/02093)
[87] 2000-05-25 (WO00/28975)
[30] SE (9803953-0) 1998-11-18
[30] SE (9803952-2) 1998-11-18

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[21] **2,347,982**
[13] A1

[51] **Int.Cl. 7C07D 237/14 7C07D 405/04 7C07D 409/04 7A61K 31/50**
[25] EN
[54] **PROSTAGLANDIN ENDOPEROXIDE H SYNTHASE BIOSYNTHESIS INHIBITORS**
[54] **INHIBITEURS DE LA BIOSYNTHESE DE LA PROSTAGLANDINE ENDOPEROXYDE H SYNTHASE**
[72] ROHDE, JEFFREY J., US
[72] LIU, HUAQING, US
[72] PATEL, MEENA V., US
[72] BLACK, LAWRENCE A., US
[72] BASHA, ANWER, US
[72] KOLASA, TEODOZYJ, US
[72] KORT, MICHAEL E., US
[72] MCCARTY, CATHERINE M., US
[72] COGHLAN, MICHAEL J., US
[72] STEWART, ANDREW O., US
[71] ABBOTT LABORATORIES, US
[85] 2001-04-23
[86] 1999-10-27 (PCT/US99/25234)
[87] 2000-05-04 (WO00/24719)
[30] US (09/179,605) 1998-10-27
[30] US (09/261,872) 1999-03-03
[30] US (09/298,490) 1999-04-23
[30] US (09/427,768) 1999-10-27

[21] **2,347,991**
[13] A1

[51] **Int.Cl. 7H02M 1/12**
[25] EN
[54] **A PULSE WIDTH MODULATION POWER CONVERTER**
[54] **CONVERTISSEUR DE PUISSANCE A MODULATION D'IMPULSIONS EN DUREE**
[72] CHRISTENSEN, FRANK
SCHWARTZ, DK
[72] NIELSEN, KARSTEN, DK
[72] FREDERIKSEN, THOMAS
MANSACHS, DK
[71] BANG & OLUFSEN POWERHOUSE A/S, DK
[85] 2001-04-20
[86] 1999-11-30 (PCT/DK99/00669)
[87] 2000-06-08 (WO00/33448)
[30] DK (1998 01574) 1998-11-30

[21] **2,348,046**
[13] A1

[51] **Int.Cl. 7C07K 14/81 7C12N 15/12 7C07K 14/435**
[25] EN
[54] **LYSINE-RICH STATHERIN PROTEIN**
[54] **PROTEINE STATHERINE RICHE EN LYSINE**
[72] CORLEY, NEIL C., US
[72] TANG, Y. TOM, US
[72] GUEGLER, KARL J., US
[72] PATTERSON, CHANDRA, US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 2001-04-20
[86] 1999-10-22 (PCT/US99/24046)
[87] 2000-05-04 (WO00/24779)
[30] US (60/155,209) 1998-10-23

[21] **2,348,048**
[13] A1

[51] **Int.Cl. 7C07C 231/12 7C07C 237/04 7C07C 269/06 7C07C 311/19 7C07C 271/22**
[25] EN
[54] **METHOD OF PRODUCING PEPTIDYLALDEHYDE**
[54] **PROCEDE DE FABRICATION D'ALDEHYDES DE PEPTIDYLE**
[72] INOUE, JUN, JP
[72] SAKAI, YUSUKE, JP
[71] SENJU PHARMACEUTICAL CO., LTD., JP
[85] 2001-04-20
[86] 1999-10-20 (PCT/JP99/05810)
[87] 2000-05-04 (WO00/24704)
[30] JP (10/302807) 1998-10-23

[21] **2,348,050**
[13] A1

[51] **Int.Cl. 6B65D 39/00**
[25] EN
[54] **TEAR TAB FOR BOTTLE CAP**
[54] **LANGUETTE A DECHIRER POUR CAPSULE DE BOUTEILLE**
[72] VERDERBDER, RUDOLPH R., US
[71] PORTOLA PACKAGING, INC., US
[85] 2001-04-20
[86] 1999-11-01 (PCT/US99/25725)
[87] 2000-05-11 (WO00/26102)
[30] US (09/184,207) 1998-11-02

[21] **2,348,051**
[13] A1

[51] **Int.Cl. 6H04L 12/46**
[25] EN
[54] **ETHERNET DIGITAL STORAGE (EDS) CARD AND SATELLITE TRANSMISSION SYSTEM**
[54] **CARTE DE STOCKAGE NUMERIQUE ETHERNET ET SYSTEME DE TRANSMISSION SATELLITAIRE**
[72] TESCHMACHER, LOWELL E., US
[72] ROBERTS, ROSWELL R., III, US
[72] LERNER, IAN, US
[71] STARGUIDE DIGITAL NETWORKS, INC., US
[85] 2001-04-20
[86] 1999-10-22 (PCT/US99/24740)
[87] 2000-05-04 (WO00/25482)
[30] US (60/105,468) 1998-10-23
[30] US (60/105,878) 1998-10-27
[30] US (09/287,200) 1999-04-03

[21] **2,348,053**
[13] A1

[51] **Int.Cl. 7B01L 3/00 7C12M 1/34 7C12Q 1/68 7G01N 21/77**
[25] EN
[54] **DEVICE FOR CONDUCTING BIOCHEMICAL AND MICROBIOLOGICAL REACTIONS**
[54] **DISPOSITIF POUR EFFECTUER DES REACTIONS BIOCHIMIQUES ET MICROBIOLOGIQUES**
[72] BERTLING, WOLF, DE
[71] NOVEMBER AKTIENGESELLSCHAFT GESELLSCHAFT FUR MOLEKULARE MEDIZIN, DE
[85] 2001-04-20
[86] 1999-10-19 (PCT/DE99/03351)
[87] 2000-04-27 (WO00/23189)
[30] DE (198 48 515.8) 1998-10-21

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[21] **2,348,054**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 1/08**
[25] EN
[54] **PROCESSES AND MEANS FOR THE ISOLATION AND PURIFICATION OF NUCLEIC ACIDS AT SURFACES**
[54] **PROCEDES ET MOYENS POUR L'ISOLEMENT ET LA PURIFICATION D'ACIDES NUCLEIQUES SUR DES SURFACES**
[72] GAUCH, SIMONE, DE
[72] BASTIAN, HELGE, DE
[72] WEBER, MARTIN, DE
[72] OELMULLER, UWE, DE
[72] ULLMANN, SUSANNE, DE
[72] SCHORR, JOACHIM, DE
[72] FUHRMANN, GUIDO, DE
[71] QIAGEN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2001-04-20
[86] 1999-04-20 (PCT/EP99/02664)
[87] 2000-05-04 (WO00/24927)
[30] EP (PCT/EP98/06756) 1998-10-23

[21] **2,348,055**
[13] A1

[51] **Int.Cl. 6A01M 21/04**
[25] EN
[54] **WEED AND PLANT PESTS CONTROL APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE CONTROLE DES MAUVAISES HERBES ET DES PARASITES**
[72] SMITH, ROBERT, AU
[72] JOHNSTONE, IAN, AU
[71] ORIGIN ENERGY LPG LIMITED, AU
[85] 2001-04-20
[86] 1999-10-20 (PCT/AU99/00900)
[87] 2000-04-27 (WO00/22926)
[30] AU (PP 6631) 1998-10-20

[21] **2,348,056**
[13] A1

[51] **Int.Cl. 6B67D 5/52 6B65D 83/00 6B01L 3/00 6B01L 11/00 6B01L 3/02 6B65B 43/42**
[25] EN
[54] **POSITION TRIGGERED DISPENSER AND METHODS**
[54] **DISTRIBUTEUR A DECLENCHEMENT POSITIONNEL, ET PROCEDES A CET EFFET**
[72] CHAN, SAM, US
[72] SLATER, JOSEPH ARTHUR, US
[71] GLAXO GROUP LIMITED, GB
[85] 2001-04-20
[86] 1999-09-17 (PCT/US99/21563)
[87] 2000-03-30 (WO00/17093)
[30] US (09/158,326) 1998-09-22

[21] **2,348,057**
[13] A1

[51] **Int.Cl. 7C08G 69/00 7C08G 69/04 7C08G 69/28**
[25] EN
[54] **PROCESS FOR THE HYDROLYSIS OF ADIPONITRILE AND THE PRODUCTION OF NYLON 6,6 USING DICARBOXYLIC ACIDS AS THE SOLE CATALYST**
[54] **PROCEDE D'HYDROLYSE D'ADIPONITRILE ET PRODUCTION DE NYLON 6,6 UTILISANT DES DICARBOXYLIQUES COMME UNIQUE CATALYSEUR**
[72] MARKS, DAVID NEIL, US
[72] VAN EIJNDHOVEN, MARIA DE JESUS, US
[72] HAYES, RICHARD, ALLEN, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-20
[86] 1999-11-30 (PCT/US99/28240)
[87] 2000-06-29 (WO00/37536)
[30] US (09/217,798) 1998-12-21

[21] **2,348,058**
[13] A1

[51] **Int.Cl. 7G09F 3/00 7B42D 15/00 7G09F 3/03**
[25] EN
[54] **AUTHENTICATION MEANS**
[54] **MOYEN D'AUTHENTIFICATION**
[72] POWER, GARY, AU
[72] VAN DER STRATEN, RODOLPHE, BE
[72] FELL, JOHN, GB
[71] UCB, S.A., BE
[85] 2001-04-20
[86] 2000-01-07 (PCT/EP00/00079)
[87] 2000-07-13 (WO00/41159)
[30] US (60/115,401) 1999-01-08

[21] **2,348,066**
[13] A1

[51] **Int.Cl. 7A61K 6/083 7C08K 7/00 7C01B 13/32**
[25] EN
[54] **IMPROVED FILLER FOR DENTAL COMPOSITE MATERIALS**
[54] **CHARGE AMELIOREE DESTINEE AUX MATERIAUX COMPOSITES DENTAIRE**
[72] HALL, GORDON C., CA
[72] JONES, DEREK W., CA
[72] RIZKALLA, AMIN S., CA
[71] NEW AGE BIOMATERIALS, INC., CA
[85] 2001-04-26
[86] 1999-11-01 (PCT/US99/25601)
[87] 2000-05-11 (WO00/25729)
[30] US (60/106,806) 1998-11-03

[21] **2,348,067**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61K 38/00 7A61K 33/06 7A61K 31/20**
[25] EN
[54] **COMPOSITION FOR EXTENDING POST MEAL SATIETY**
[54] **COMPOSITION PERMETTANT DE PROLONGER LA SATIETE APRES UN REPAS**
[72] PORTMAN, ROBERT, US
[71] KEMIN INDUSTRIES, INC., US
[85] 2001-04-24
[86] 2000-07-25 (PCT/US00/20157)
[87] 2001-03-15 (WO01/17541)
[30] US (60/145,892) 1999-07-27

[21] **2,348,068**
[13] A1

[51] **Int.Cl. 7A61K 48/00 7C12N 15/00 7C07H 21/04 7C12N 15/63**
[25] EN
[54] **ADENO-ASSOCIATED VECTORS FOR EXPRESSION OF FACTOR VIII BY TARGET CELLS**
[54] **VECTEURS ADENO-ASSOCIES POUR L'EXPRESSION DU FACTEUR VIII PAR DES CELLULES CIBLES**
[72] COLOSI, PETER C., US
[72] COUTO, LINDA B., US
[71] AVIGEN, INC., US
[85] 2001-04-19
[86] 1999-10-19 (PCT/US99/24495)
[87] 2000-04-27 (WO00/23116)
[30] US (60/104,994) 1998-10-20
[30] US (60/125,974) 1999-03-24
[30] US (09/364,862) 1999-07-30

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[21] **2,348,071**
[13] A1
[51] **Int.Cl. 6G06F 13/00 6H04H 1/00 6H04M 15/00 6G06F 17/30 6H04M 3/42 6H04M 3/54**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING REAL-TIME CALL PROCESSING SERVICES IN AN INTELLIGENT NETWORK**
[54] **PROCEDE ET APPAREIL DE FOURNITURE DE SERVICES DE TRAITEMENT D'APPELS EN TEMPS REEL DANS UN RESEAU INTELLIGENT**
[72] WANG, HENRY, US
[72] DEO, AJAY, US
[72] WONG, WENDY, US
[72] SYED, SAMI, US
[71] WANG, HENRY, US
[71] DEO, AJAY, US
[71] WONG, WENDY, US
[71] SYED, SAMI, US
[85] 2001-04-20
[86] 1999-10-20 (PCT/US99/24586)
[87] 2000-04-27 (WO00/23898)
[30] US (60/104,890) 1998-10-20

[21] **2,348,072**
[13] A1
[51] **Int.Cl. 6A61N 1/32**
[25] EN
[54] **TRANSCUTANEOUS ENERGY TRANSMISSION SYSTEM WITH FULL WAVE CLASS E RECTIFIER**
[54] **SYSTEME TRANSCUTANE DE TRANSMISSION D'ENERGIE COMPRENANT UN REDRESSEUR DE CLASSE E A DOUBLE ALTERNANCE**
[72] PHILLIPS, RICHARD P., US
[71] PHILLIPS, RICHARD P., US
[85] 2001-04-20
[86] 1999-10-27 (PCT/US99/25177)
[87] 2000-05-04 (WO00/24456)
[30] US (60/105,785) 1998-10-27
[30] US (09/427,414) 1999-10-27

[21] **2,348,073**
[13] A1
[51] **Int.Cl. 7A61M 29/02**
[25] EN
[54] **CATHETER HAVING IMPROVED BONDING REGION**
[54] **CATHETER PRESENTANT UNE REGION DE FIXATION PERFECTIONNEE**
[72] STIVLAND, TIMOTHY M., US
[72] KHOURY, ELIAS A., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24689)
[87] 2000-05-04 (WO00/24450)
[30] US (09/178,126) 1998-10-23

[21] **2,348,074**
[13] A1
[51] **Int.Cl. 7A61M 29/02 7A61M 25/00**
[25] EN
[54] **CATHETER HAVING IMPROVED PROXIMAL SHAFT DESIGN**
[54] **CATHETER A CONCEPTION PERFECTIONNEE D'AXE PROXIMAL**
[72] STIVLAND, TIMOTHY, US
[72] KHOURY, ELIAS A., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2001-04-20
[86] 1999-10-21 (PCT/US99/24690)
[87] 2000-05-04 (WO00/24451)
[30] US (09/178,201) 1998-10-23

[21] **2,348,075**
[13] A1
[51] **Int.Cl. 6A61F 9/02 6G02C 1/00**
[25] EN
[54] **SPECTACLE FRAMES**
[54] **MONTURE DE LUNETTES**
[72] PERROTT, COLIN MAURICE, AU
[72] MORRIS, MICHAEL ALAN, US
[71] SOLA INTERNATIONAL HOLDINGS LTD., AU
[85] 2001-04-20
[86] 1998-10-21 (PCT/AU98/00872)
[87] 2000-04-27 (WO00/23021)

[21] **2,348,076**
[13] A1
[51] **Int.Cl. 7B60L 3/00**
[25] EN
[54] **APPARATUS AND A METHOD FOR CONTROLLING AN ELECTRIC VEHICLE**
[54] **APPAREIL ET DISPOSITIF DE COMMANDE D'UN VEHICULE ELECTRIQUE**
[72] PUGH, GAVIN SCOTT, GB
[71] ELLIOTT INDUSTRIES LIMITED, GB
[85] 2001-04-20
[86] 1999-10-21 (PCT/GB99/03479)
[87] 2000-04-27 (WO00/23296)
[30] GB (9823057.6) 1998-10-21

[21] **2,348,078**
[13] A1
[51] **Int.Cl. 7B63B 21/26 7E02D 7/08 7B63B 21/38**
[25] EN
[54] **IMPROVEMENTS IN MARINE ANCHORS**
[54] **AMELIORATIONS APORTEES A DES ANCRES MARINES**
[72] BRUCE, PETER, GB
[71] BRUPAT LIMITED, GB
[85] 2001-04-20
[86] 1999-10-29 (PCT/GB99/03587)
[87] 2000-05-11 (WO00/26081)
[30] GB (9825363.6) 1998-10-30
[30] GB (9824006.2) 1998-11-04

[21] **2,348,079**
[13] A1
[51] **Int.Cl. 7A61L 9/012 7A61L 9/04 7A61L 9/12**
[25] EN
[54] **VAPOUR DISPENSING DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE VAPEUR**
[72] O'LEARY, NICHOLAS, GB
[71] RECKITT & COLMAN PRODUCTS LIMITED, GB
[85] 2001-04-20
[86] 1999-10-22 (PCT/GB99/03424)
[87] 2000-05-04 (WO00/24434)
[30] IB (PCT/IB98/01701) 1998-10-22

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,348,081 [13] A1</p> <p>[51] Int.Cl. 7B01F 17/00 7C11D 1/72 [25] EN [54] PROCESS FOR PREPARING ETHER-CAPPED POLY(OXYALKYLATED) ALCOHOL SURFACTANTS [54] PREPARATION DE TENSIOACTIFS A BASE D'ALCOOLS POLY(OXYALKYLES) A PROTECTIONS ETHER [72] BACK, DEBORAH JEAN, US [72] MILLER, LARRY EUGENE, US [72] FORMYDUVAL, TERRY FRANKLIN, US [72] KLUESENER, BERNARD WILLIAM, US [72] JORDAN, GLENN THOMAS IV, US [72] SIVIK, MARK ROBERT, US [72] LEVENGOOD, DONALD EUGENE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-04-20 [86] 1999-11-03 (PCT/US99/25943) [87] 2000-05-18 (WO00/27516) [30] US (60/107,170) 1998-11-05 [30] US (60/131,410) 1999-04-28</p>	<p style="text-align: right;">[21] 2,348,084 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/14 7A61K 31/00 7A61K 38/00 [25] EN [54] NEW PROCESS [54] NOUVEAU PROCEDE [72] NYQVIST, HAKAN, SE [72] MOSHASHEE, SAIED, SE [72] BISLAT, MIKAEL, SE [72] DEMIRBUKER, MUSTAFA, SE [71] ASTRAZENECA AB, SE [85] 2001-04-20 [86] 1999-11-22 (PCT/SE99/02153) [87] 2000-06-02 (WO00/30613) [30] SE (9804001-7) 1998-11-23</p>	<p style="text-align: right;">[21] 2,348,089 [13] A1</p> <p>[51] Int.Cl. 7H04L 12/28 7G06F 13/00 7H04L 12/56 [25] EN [54] METHOD AND APPARATUS FOR FAIR AND EFFICIENT SCHEDULING OF VARIABLE SIZE DATA PACKETS IN INPUT BUFFERED SWITCH [54] PROCEDE ET DISPOSITIF D'ORDONNANCEMENT EFFICACE DE PAQUETS DE DONNEES DE DIMENSION VARIABLE, DANS UN COMMUTATEUR D'ENTREES TAMPONNE [72] AYBAY, GUNES, US [71] CABLETRON SYSTEMS, INC., US [85] 2001-04-20 [86] 1999-11-05 (PCT/US99/25926) [87] 2000-05-18 (WO00/28701) [30] US (09/188,431) 1998-11-09</p>
<p style="text-align: right;">[21] 2,348,082 [13] A1</p> <p>[51] Int.Cl. 6G06F 13/00 6H01L 21/00 [25] EN [54] METHOD AND APPARATUS FOR CONDUCTING ELECTRONIC COMMERCE [54] PROCEDE ET DISPOSITIF DE COMMERCE ELECTRONIQUE [72] WALTERS, JAMES ALLEN, US [72] COHEN, MITCHELL ADAM, US [72] STURZENBECKER, MARTIN CLARENCE, US [72] HARRIS, TRACY MARK, US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [85] 2001-04-20 [86] 1999-03-18 (PCT/US99/05814) [87] 2000-06-08 (WO00/33198) [30] US (09/203,280) 1998-12-01</p>	<p style="text-align: right;">[21] 2,348,086 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/20 7A61K 9/50 7A61K 31/505 [25] EN [54] CONTROLLED-RELEASE PHARMACEUTICAL FORMULATIONS [54] FORMULATIONS PHARMACEUTIQUES A LIBERATION CONTROLEE [72] MACRAE, ROSS JAMES, GB [72] KING, ELIZABETH, GB [71] PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V./S.A., IE [85] 2001-04-20 [86] 1999-10-04 (PCT/IB99/01619) [87] 2000-05-04 (WO00/24383) [30] GB (9823192.1) 1998-10-23 [30] GB (9826392.4) 1998-10-27 [30] GB (9825117.6) 1998-11-16</p>	<p style="text-align: right;">[21] 2,348,090 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/16 6A61K 9/24 6A61K 9/58 6A61K 9/62 [25] EN [54] ORAL PULSED DOSE DRUG DELIVERY SYSTEM [54] SYSTEME D'ADMINISTRATION DE MEDICAMENTS PAR DOSES PULSEES PAR VOIE ORALE [72] BURNSIDE, BETH A., US [72] FISKE, KIMBERLY, US [72] GUO, XIAODI, US [72] COUCH, RICHARD A., US [72] RUDNIC, EDWARD M., US [72] MCGUINNESS, CHARLOTTE M., US [72] CHANG, RONG-KUN, US [72] TREACY, DONALD J., US [71] SHIRE LABORATORIES, INC., US [85] 2001-04-20 [86] 1999-10-20 (PCT/US99/24554) [87] 2000-04-27 (WO00/23055) [30] US (09/176,542) 1998-10-21</p>
<p style="text-align: right;">[21] 2,348,087 [13] A1</p> <p>[51] Int.Cl. 7B01J 23/10 7B01J 37/02 7B01J 23/06 7B01J 35/10 [25] EN [54] CATALYST HAVING A MONOLAYER OF ACTIVE METAL, ITS PREPARATION AND ITS USE FOR KETONE PRODUCTION [54] CATALYSEUR A MONOCOUCHE DE METAL ACTIF, SA PREPARATION ET SON UTILISATION DANS LA PRODUCTION DE CETONE [72] WARREN, JACK, US [71] EAGLEVIEW TECHNOLOGIES, INC., US [85] 2001-04-20 [86] 2000-08-31 (PCT/US00/24458) [87] 2001-03-08 (WO01/15802) [30] US (09/388,504) 1999-09-02</p>	<p style="text-align: right;">[21] 2,348,087 [13] A1</p> <p>[51] Int.Cl. 7B01J 23/10 7B01J 37/02 7B01J 23/06 7B01J 35/10 [25] EN [54] CATALYST HAVING A MONOLAYER OF ACTIVE METAL, ITS PREPARATION AND ITS USE FOR KETONE PRODUCTION [54] CATALYSEUR A MONOCOUCHE DE METAL ACTIF, SA PREPARATION ET SON UTILISATION DANS LA PRODUCTION DE CETONE [72] WARREN, JACK, US [71] EAGLEVIEW TECHNOLOGIES, INC., US [85] 2001-04-20 [86] 2000-08-31 (PCT/US00/24458) [87] 2001-03-08 (WO01/15802) [30] US (09/388,504) 1999-09-02</p>	<p style="text-align: right;">[21] 2,348,087 [13] A1</p> <p>[51] Int.Cl. 7B01J 23/10 7B01J 37/02 7B01J 23/06 7B01J 35/10 [25] EN [54] CATALYST HAVING A MONOLAYER OF ACTIVE METAL, ITS PREPARATION AND ITS USE FOR KETONE PRODUCTION [54] CATALYSEUR A MONOCOUCHE DE METAL ACTIF, SA PREPARATION ET SON UTILISATION DANS LA PRODUCTION DE CETONE [72] WARREN, JACK, US [71] EAGLEVIEW TECHNOLOGIES, INC., US [85] 2001-04-20 [86] 2000-08-31 (PCT/US00/24458) [87] 2001-03-08 (WO01/15802) [30] US (09/388,504) 1999-09-02</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,348,091 [13] A1</p> <p>[51] Int.Cl. 7A61N 5/10 7A61B 6/00 [25] EN [54] METHOD AND SYSTEM FOR PREDICTIVE PHYSIOLOGICAL GATING OF RADIATION THERAPY [54] PROCEDE ET SYSTEME DE DECLENCHEMENT PHYSIOLOGIQUE PREDICTIF D'UNE RADIOTHERAPIE [72] MOSTAFAVI, HASSAN, US [71] VARIAN MEDICAL SYSTEMS, INC., US [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/24946) [87] 2000-05-04 (WO00/24466) [30] US (09/178,383) 1998-10-23</p>	<p style="text-align: right;">[21] 2,348,096 [13] A1</p> <p>[51] Int.Cl. 7B65G 59/00 [25] EN [54] DISPENSER FOR LIQUID APPLICATOR [54] DISTRIBUTEUR POUR APPLICATEUR DE LIQUIDE [72] MARK, PHILLIP, US [71] MICROBRUSH CORPORATION, US [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/23974) [87] 2000-05-04 (WO00/24656) [30] US (09/177,507) 1998-10-23</p>	<p style="text-align: right;">[21] 2,348,403 [13] A1</p> <p>[51] Int.Cl. 7B05B 11/00 7B65D 83/00 [25] EN [54] PRESSURE-COMPENSATING DEVICE FOR A DUAL CONTAINER [54] DISPOSITIF DE COMPENSATION DE PRESSION POUR UN DOUBLE CONTENANT [72] EICHER, JOACHIM, DE [72] HAUSMANN, MATTHIAS, DE [72] ZIERENBERG, BERND, DE [72] KLADDERS, HEINRICH, DE [72] ESSING, MARTIN, DE [72] HOCHRAINER, DIETER, DE [72] WUTTKE, GILBERT, DE [71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE [85] 2001-04-23 [86] 1999-11-08 (PCT/EP99/08542) [87] 2000-05-18 (WO00/27543) [30] DE (198 51 404.2) 1998-11-07</p>
<p style="text-align: right;">[21] 2,348,092 [13] A1</p> <p>[51] Int.Cl. 7A61B 19/00 [25] EN [54] METHOD AND SYSTEM FOR POSITIONING PATIENTS [54] PROCEDE ET SYSTEME DE POSITIONNEMENT DE PATIENTS [72] RIAZIAT, MAJID L., US [72] MOSTAFAVI, HASSAN, US [72] MANSFIELD, STANLEY, US [72] MARC, MARCEL, US [71] VARIAN MEDICAL SYSTEMS, INC., US [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/24835) [87] 2000-05-04 (WO00/24333) [30] US (09/178,385) 1998-10-23</p>	<p style="text-align: right;">[21] 2,348,097 [13] A1</p> <p>[51] Int.Cl. 6B29C 55/16 [25] EN [54] METHODS OF STRETCHING FILMS AND SUCH FILMS [54] PROCEDE D'ETIREMENT DE FILMS ET FILMS AINSI PRODUITS [72] WONG, CHIU P., US [72] ROSKA, FRED J., US [72] MERRILL, WILLIAM W., US [72] FERGUSON, ANTHONY P., US [72] HANSCHEN, THOMAS P., US [72] JACKSON, JEFFERY N., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2001-04-20 [86] 1999-03-16 (PCT/US99/05763) [87] 2000-05-25 (WO00/29198) [30] US (09/192,060) 1998-11-13</p>	<p style="text-align: right;">[21] 2,348,404 [13] A1</p> <p>[51] Int.Cl. 6G02C 9/00 6G02C 1/08 6G02C 7/08 [25] EN [54] CUSTOM SUNGLASS CLIP ASSEMBLY [54] MONTURE RAPPORTEE ADAPTABLE [72] PILAT, JAMES F., JR., US [71] PILAT, JAMES F., JR., US [85] 2001-04-23 [86] 1999-03-19 (PCT/US99/06023) [87] 1999-09-23 (WO99/47965) [30] US (60/078,863) 1998-03-20 [30] US (09/257,278) 1999-02-24</p>
<p style="text-align: right;">[21] 2,348,094 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/00 [25] EN [54] METHOD FOR IMPROVED IMAGING AND PHOTODYNAMIC THERAPY [54] PROCEDE DE VISUALISATION ET DE THERAPIE PHOTODYNAMIQUE AMELIOREES [72] DEES, H. CRAIG, US [72] SCOTT, TIMOTHY, US [71] PHOTOGEN, INC., US [85] 2001-04-20 [86] 1999-10-26 (PCT/US99/25074) [87] 2000-05-11 (WO00/25665) [30] US (09/184,388) 1998-11-02</p>	<p style="text-align: right;">[21] 2,348,401 [13] A1</p> <p>[51] Int.Cl. 7C07C 51/43 7C07C 65/11 [25] EN [54] COLUMNAR CRYSTALS OF 6-HYDROXY-2-NAPHTHOIC ACID AND PROCESS FOR THE PRODUCTION THEREOF [54] CRISTAUX COLONNAIRES D'ACIDE 6-HYDROXY-2-NAPHTHOIQUE, ET PROCEDE DE PRODUCTION ASSOCIE [72] OTSUKA, RYOICHI, JP [72] KATO, HIROYUKI, JP [72] KITAYAMA, MASAYA, JP [72] UENO, RYUZO, JP [71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP [85] 2001-04-23 [86] 2000-08-18 (PCT/JP00/05535) [87] 2001-03-01 (WO01/14307) [30] JP (11/236951) 1999-08-24</p>	<p style="text-align: right;">[21] 2,348,406 [13] A1</p> <p>[51] Int.Cl. 6C10J 3/02 6C10J 3/26 [25] EN [54] A PROCESS AND APPARATUS FOR TREATING SOLID FUEL MATERIALS [54] PROCEDE ET APPAREIL DE TRAITEMENT DE MATERIAUX COMBUSTIBLES SOLIDES [72] JACCARD, JEAN PATRICK, CH [72] JACCARD, LEON, CH [71] GREENPOWER ENGINEERING & TECHNOLOGIES S.A., CH [85] 2001-04-23 [86] 1999-01-05 (PCT/IB99/00001) [87] 1999-07-15 (WO99/35214) [30] CH (0035/98) 1998-01-09</p>

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[21] **2,348,407**
[13] A1

[51] **Int.Cl. 7C08L 101/00 7C08K 3/00 7C08K 5/00 7C08L 33/00**
[25] EN
[54] **HIGH-HARDNESS, SOFT COMPOSITE MATERIAL**
[54] **MATERIAU COMPOSITE MOU ET D'UNE GRANDE DURETE**
[72] SAKAI, MIEKO, JP
[72] SAITO, KENICHIRO, JP
[71] DOPPEL CO., LTD., JP
[85] 2001-04-23
[86] 1999-10-22 (PCT/JP99/05843)
[87] 2000-04-27 (WO00/23524)
[30] JP (10/300576) 1998-10-22

[21] **2,348,408**
[13] A1

[51] **Int.Cl. 7H04N 7/10**
[25] EN
[54] **METHOD AND APPARATUS FOR CHANNEL SURFING THROUGH MULTIPLE SOURCES BASED ON USER-DEFINABLE PREFERENCES**
[54] **METHODE ET DISPOSITIF PERMETTANT DE NAVIGUER SUR DES CANAUX PROVENANT DE SOURCES MULTIPLES EN FONCTION DE PREFERENCES DEFINIES PAR L'UTILISATEUR**
[72] MOORE, KENNETH A., US
[72] HACKSON, DAVID N., US
[72] WILLIAMS, CHRISTOPHER D., US
[72] SHAH-NAZAROFF, ANTHONY A., US
[72] IKI, JEAN M. GOLDSCHMIDT, US
[71] INTEL CORPORATION, US
[85] 2001-04-23
[86] 1999-10-28 (PCT/US99/25429)
[87] 2000-05-11 (WO00/27117)
[30] US (09/183,732) 1998-10-30

[21] **2,348,423**
[13] A1

[51] **Int.Cl. 7F16L 9/16 7F16L 9/18**
[25] EN
[54] **METHOD OF MAKING A PIPE, AND A PIPE**
[54] **PROCEDE DE FABRICATION D'UN TUYAU ET TUYAU AINSI PRODUIT**
[72] JARVENKYLA, JYRI, FI
[71] UPONOR INNOVATION AB, SE
[85] 2001-05-02
[86] 1999-11-08 (PCT/FI99/00930)
[87] 2000-05-18 (WO00/28249)
[30] FI (982427) 1998-11-09

[21] **2,348,424**
[13] A1

[51] **Int.Cl. 7B65D 5/42**
[25] EN
[54] **METHOD OF PACKING GOODS AND GOODS PACKED ACCORDINGLY**
[54] **PROCEDE D'EMBALLAGE DE PRODUITS ET PRODUITS EMBALLES D'APRES CE PROCEDE**
[72] STAVRULOV, IGOR ANATOLIEVICH, RU
[71] STAVRULOV, IGOR ANATOLIEVICH, RU
[85] 2001-05-02
[86] 1999-11-03 (PCT/RU99/00413)
[87] 2000-05-18 (WO00/27714)
[30] RU (98119808) 1998-11-05

[21] **2,348,425**
[13] A1

[51] **Int.Cl. 7B65D 65/22**
[25] EN
[54] **METHOD OF PACKAGING GROUPS OF PRODUCTS**
[54] **PROCEDE D'EMBALLAGE DE GROUPES DE PRODUITS**
[72] STAVRULOV, IGOR ANATOLIEVICH, RU
[71] STAVRULOV, IGOR ANATOLIEVICH, RU
[85] 2001-05-02
[86] 1999-11-03 (PCT/RU99/00412)
[87] 2000-05-18 (WO00/27724)
[30] RU (98119809) 1998-11-05

[21] **2,348,426**
[13] A1

[51] **Int.Cl. 7B65G 17/08**
[25] EN
[54] **KNUCKLE DRIVE LINK CONVEYOR BELT SYSTEMS**
[54] **SYSTEMES DE BANDE TRANSPORTEUSE A MAILLONS ARTICULES**
[72] HORTON, PAUL L., US
[72] DUTERTE, OLIVIER, US
[72] BOGLE, DAVID W., US
[72] STEEBER, DORIAN F., US
[71] HARTNESS INTERNATIONAL, INC., US
[71] THE LAITRAM CORPORATION, US
[85] 2001-05-02
[86] 1999-10-28 (PCT/US99/25380)
[87] 2000-05-18 (WO00/27732)
[30] US (09/185,957) 1998-11-05

[21] **2,348,427**
[13] A1

[51] **Int.Cl. 7C08G 18/40**
[25] EN
[54] **ENERGY MANAGEMENT POLYURETHANE RIGID FOAMS WITH HIGH RECOVERY**
[54] **MOUSSES EN POLYURETHANNE RIGIDE DE GESTION D'ENERGIE A HAUTE RECUPERATION**
[72] LAMBACH, JAMES L., US
[72] CRITCHFIELD, FRANK E., US
[72] PERRY, MARK J., US
[71] BAYER ANTWERPEN N.V., BE
[85] 2001-05-02
[86] 1999-11-02 (PCT/EP99/08356)
[87] 2000-05-18 (WO00/27898)
[30] US (09/187,869) 1998-11-06

[21] **2,348,429**
[13] A1

[51] **Int.Cl. 7B22F 3/16 7B22F 5/08**
[25] EN
[54] **METHOD FOR PRODUCING A SINTERED PART WITH A SUBSEQUENT SHAPING OF THE GREEN COMPACT**
[54] **PROCEDE POUR LA PRODUCTION D'UNE PIECE FRITTEE AVEC FORMAGE ULTERIEUR DE L'EBAUCHE**
[72] MORBER, BERTHOLD, DE
[72] SCHIEMENZ, WOLFGANG, DE
[72] ERNST, EBERHARD, DE
[72] BRUST, BERNHARD, DE
[71] GKN SINTER METALS GMBH, DE
[85] 2001-05-02
[86] 1999-10-28 (PCT/EP99/08189)
[87] 2000-05-11 (WO00/25960)
[30] DE (198 50 326.1) 1998-11-02

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[21] **2,348,449**
[13] A1

[51] **Int.Cl. 7F41A 17/44 7E05B 19/00 7E05B 37/00 7E05B 73/00 7E05B 9/08 7E05B 17/20**
[25] EN
[54] **A LOCKING DEVICE FOR WEAPONS**
[54] **DISPOSITIF DE VERROUILLAGE POUR ARMES A FEU**
[72] ANDREE, REIDAR, SE
[72] HELGESSON, MIKAEL, SE
[72] ERIKSSON, CHRISTER, SE
[71] ANDREE, REIDAR, SE
[71] HELGESSON, MIKAEL, SE
[71] ERIKSSON, CHRISTER, SE
[85] 2001-05-02
[86] 1999-11-08 (PCT/SE99/02030)
[87] 2000-06-02 (WO00/31491)
[30] SE (9803857-3) 1998-11-08

[21] **2,348,450**
[13] A1

[51] **Int.Cl. 7D04D 5/00 7B05C 17/02**
[25] EN
[54] **PAINT ROLLER AND METHOD OF MAKING SAME USING CONTINUOUS YARN TUFTSTRINGS**
[54] **ROULEAU A PEINTURE ET PROCEDE DE FABRICATION DUDIT ROULEAU A L'AIDE DE CORDONS CONTINUS TUFTES**
[72] CHAMBERS, JEFFREY ALLEN, US
[72] WEEKS, GREGORY, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-05-02
[86] 1999-11-04 (PCT/US99/24002)
[87] 2000-05-11 (WO00/26456)
[30] US (09/185,543) 1998-11-04

[21] **2,348,451**
[13] A1

[51] **Int.Cl. 7A61K 9/26**
[25] EN
[54] **DOSAGE FORMS CONTAINING TASTE MASKED ACTIVE AGENTS**
[54] **FORMES GALENIQUES CONTENANT DES PRINCIPES ACTIFS AU GOUT MASQUE**
[72] RAIDEN, MICHAEL G., US
[72] SANGHVI, PRADEEPKUMAR P., US
[72] SZEDLOCK, SCOTT J., US
[72] MEZAACHE, DJELILA, US
[71] BIOVAIL TECHNOLOGIES LTD., US
[85] 2001-05-02
[86] 1999-10-26 (PCT/US99/25059)
[87] 2000-05-11 (WO00/25755)
[30] US (09/183,501) 1998-10-30

[21] **2,348,452**
[13] A1

[51] **Int.Cl. 7A61K 9/16**
[25] EN
[54] **MICROPARTICLES CONTAINING PEG AND/OR PEG GLYCERYL ESTERS**
[54] **MICROPARTICULES CONTENANT DU PEG ET/OU DES ESTERS GLYCERILIQUES DE PEG**
[72] SANGHVI, PRADEEPKUMAR P., US
[72] PEREIRA, DESIREE, US
[72] HERMAN, MARK R., US
[72] MONTWILL, BARBARA, US
[71] BIOVAIL TECHNOLOGIES LTD., US
[85] 2001-05-02
[86] 1999-10-26 (PCT/US99/25071)
[87] 2000-05-04 (WO00/24380)
[30] US (09/179,926) 1998-10-27

[21] **2,348,453**
[13] A1

[51] **Int.Cl. 7C10G 11/18 7B04C 5/14 7B01J 8/18 7B04C 5/181**
[25] EN
[54] **SEPARATOR APPARATUS**
[54] **SEPARATEUR**
[72] DRIES, HUBERTUS WILHELMUS ALBERTUS, NL
[72] DIRKSE, HENDRIK ARIEN, NL
[72] STEIN, LOUIS, EDWARD, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2001-05-02
[86] 1999-11-05 (PCT/EP99/08901)
[87] 2000-05-18 (WO00/27949)
[30] US (60/107,420) 1998-11-06

[21] **2,348,454**
[13] A1

[51] **Int.Cl. 7C08G 59/12 7C09D 163/00 7C08G 18/42 7C08G 63/60**
[25] EN
[54] **EPOXY FUNCTIONAL POLYESTER RESINS, PROCESS FOR THEIR PREPARATION, AND OUTDOOR DURABLE COATING COMPOSITIONS COMPRISING THEM**
[54] **RESINES DE POLYESTER A FONCTION EPOXY, LEUR ELABORATION, ET COMPOSITIONS POUR REVETEMENT D'EXTERIEUR DURABLE A BASE DE TELLES RESINES**
[72] VAN GAALLEN, RONALD PETRUS CLEMENS, NL
[72] KOOIJMANS, PETRUS GERARDUS, NL
[72] VOS, ERIC JOHANNES, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2001-05-02
[86] 1999-11-03 (PCT/EP99/08899)
[87] 2000-05-18 (WO00/27901)
[30] EP (98203734.3) 1998-11-05

[21] **2,348,455**
[13] A1

[51] **Int.Cl. 6A61M 11/00**
[25] EN
[54] **NEBULIZER MOUTHPIECE AND ACCESSORIES**
[54] **EMBOUT BUCCAL ET ACCESSOIRES POUR NEBULISEUR**
[72] MCGANN, LAURENCE, US
[72] CHUA, JAMES, US
[72] VAN HORN, WALTER, US
[72] SALTER, PETER W., US
[72] KAZAL, DUANE D., US
[71] SALTER LABS, US
[85] 2001-05-02
[86] 1999-11-03 (PCT/US99/25828)
[87] 2000-05-18 (WO00/27455)
[30] US (60/107,436) 1998-11-06

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,348,456 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/24 [25] EN [54] A SIGNALLING METHOD [54] PROCEDE DE SIGNALISATION [72] HULKKONEN, TONY, FI [72] EINOLA, HEIKKI, FI [72] RAJANIEMI, JAAKKO, FI [71] NOKIA NETWORKS OY, FI [85] 2001-05-02 [86] 1999-11-05 (PCT/FI99/00923) [87] 2000-05-18 (WO00/28751) [30] FI (982418) 1998-11-06</p>	<p style="text-align: right;">[21] 2,348,589 [13] A1</p> <p>[51] Int.Cl. 6H05K 9/00 [25] EN [54] APPARATUS [54] APPAREIL [72] EVANS, JAMES PATRICK, GB [71] MEKTRON SYSTEMS LIMITED, GB [85] 2001-04-11 [86] 1998-10-14 (PCT/GB98/03065) [87] 1999-04-22 (WO99/20092) [30] GB (9721660.0) 1997-10-14</p>	<p style="text-align: right;">[21] 2,348,613 [13] A1</p> <p>[51] Int.Cl. 7B22D 11/18 [25] EN [54] VERTICAL CONTINUOUS CASTING INSTALLATION WITH OPTIMIZED MEASUREMENT OF THE METAL LEVEL [54] INSTALLATION DE COULEE CONTINUE VERTICALE AVEC MESURE OPTIMISEE DU NIVEAU DE METAL [72] SEPPEY, JEAN-PIERRE, CH [72] CALOZ, ETIENNE, CH [71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH [85] 2001-04-18 [86] 1999-10-16 (PCT/EP99/07868) [87] 2000-05-04 (WO00/24535) [30] EP (98811066.4) 1998-10-23</p>
<p style="text-align: right;">[21] 2,348,457 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/38 [25] EN [54] METHOD FOR CONTROLLING BEARER PROPERTIES [54] PROCEDE PERMETTANT DE COMMANDER LES PROPRIETES D'UN SUPPORT [72] AHMAVAARA, KALLE, FI [72] RAJANIEMI, JAAKKO, FI [72] HONKASALO, HARRI, FI [72] RINNE, MIKKO, FI [72] SALONEN, JANNE, FI [71] NOKIA NETWORKS OY, FI [85] 2001-05-02 [86] 1999-11-05 (PCT/FI99/00925) [87] 2000-05-18 (WO00/28760) [30] FI (982417) 1998-11-06</p>	<p style="text-align: right;">[21] 2,348,606 [13] A1</p> <p>[51] Int.Cl. 6G02B 26/00 6G02B 26/08 [25] EN [54] MEMBRANE-ACTUATED CHARGE CONTROLLED MIRROR [54] MIROIR A CHARGE CONTROLEE ACTIONNE PAR UNE MEMBRANE [72] ROBINSON, WILLIAM P., US [72] GIFFORD, ERIC A., US [72] LITTLE, MICHAEL J., US [71] MEMSOLUTIONS, INC., US [85] 2001-04-12 [86] 1999-10-14 (PCT/US99/21457) [87] 2000-04-20 (WO00/22473) [30] US (09/172,613) 1998-10-15</p>	<p style="text-align: right;">[21] 2,348,614 [13] A1</p> <p>[51] Int.Cl. 7H01P 1/20 7H01P 7/10 7H01P 1/208 [25] EN [54] DIELECTRIC RESONATOR AND DIELECTRIC FILTER [54] RESONATEUR DIELECTRIQUE ET FILTRE DIELECTRIQUE [72] HWANG, JAE-HO, KR [72] FURUTA, ATSUSHI, JP [72] ISOMURA, AKIHIRO, JP [71] KABUSHIKI KAISHA TOKINO, JP [85] 2001-04-19 [86] 2000-08-21 (PCT/JP00/05587) [87] 2001-03-01 (WO01/15261) [30] JP (11/233683) 1999-08-20 [30] JP (11/233684) 1999-08-20</p>
<p style="text-align: right;">[21] 2,348,458 [13] A1</p> <p>[51] Int.Cl. 7C08K 13/02 7C08K 13/04 [25] EN [54] A FILM WITH UV-BARRIER PROPERTIES [54] FILM PRESENTANT DES PROPRIETES ANTI-UV [72] HIRN, THOMAS WOLFGANG FRIEDRICH, DE [72] MENIF, RACHED, DE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2001-05-02 [86] 1999-11-08 (PCT/US99/26341) [87] 2000-05-18 (WO00/27914) [30] EP (98870246.0) 1998-11-10</p>	<p style="text-align: right;">[21] 2,348,612 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/86 7G01N 33/566 7G01N 33/80 [25] EN [54] METHOD FOR DETERMINING PLATELET COUNT [54] PROCEDE POUR DETERMINER UNE QUANTITE DE PLAQUETTES [72] COLLIER, BARRY S., US [72] MOSKOWITZ, KEITH A., US [71] ACCUMETRICS, INC., US [85] 2001-04-18 [86] 1999-10-20 (PCT/US99/24670) [87] 2000-05-04 (WO00/25140) [30] US (09/177,884) 1998-10-23</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,348,615 [13] A1</p> <p>[51] Int.Cl. 6C03C 4/12 6C03C 3/062 6C03C 3/068 6C03C 3/095 6C03C 3/12 6C03C 3/15 6C03C 3/155 6H01S 3/17</p> <p>[25] EN</p> <p>[54] OPTICAL AMPLIFYING GLASS, OPTICAL AMPLIFYING MEDIUM AND RESIN-COATED OPTICAL AMPLIFYING MEDIUM</p> <p>[54] VERRE D'AMPLIFICATION OPTIQUE, MILIEU D'AMPLIFICATION OPTIQUE ET MILIEU D'AMPLIFICATION OPTIQUE A REVETEMENT DE RESINE</p> <p>[72] SUGIMOTO, NAOKI, JP</p> <p>[72] TANABE, SETSUHISA, JP</p> <p>[72] HANADA, TEIICHI, JP</p> <p>[72] KUROIWA, YUTAKA, JP</p> <p>[72] ITO, SETSURO, JP</p> <p>[71] ASAHI GLASS COMPANY LTD., JP</p> <p>[85] 2001-04-19</p> <p>[86] 1999-10-19 (PCT/JP99/05764)</p> <p>[87] 2000-04-27 (WO00/23392)</p> <p>[30] JP (10/298625) 1998-10-20</p> <p>[30] JP (11/51452) 1999-02-26</p> <p>[30] JP (11/120526) 1999-04-27</p> <p>[30] JP (11/250654) 1999-09-03</p> <p>[30] JP (11/287354) 1999-10-07</p> <p>[30] JP (11/292796) 1999-10-14</p>	<p style="text-align: right;">[21] 2,348,617 [13] A1</p> <p>[51] Int.Cl. 7A61K 51/00 7A61M 36/14</p> <p>[25] EN</p> <p>[54] IMAGING WITH TC-99M LABELED FIBRIN-ALPHA-CHAIN PEPTIDE</p> <p>[54] PRODUCTION D'IMAGES AVEC UN PEPTIDE A CHAINE .ALPHA. FIBRINE MARQUE AU TC-99M</p> <p>[72] THAKUR, MADHUKAR MATHEW L., US</p> <p>[71] THOMAS JEFFERSON UNIVERSITY, US</p> <p>[85] 2001-04-17</p> <p>[86] 1999-08-17 (PCT/US99/19011)</p> <p>[87] 2000-02-24 (WO00/09076)</p> <p>[30] US (60/096,803) 1998-08-17</p>	<p style="text-align: right;">[21] 2,348,620 [13] A1</p> <p>[51] Int.Cl. 6H01H 7/00</p> <p>[25] EN</p> <p>[54] PARALLEL CONTACT CIRCUIT BREAKER</p> <p>[54] COUPE-CIRCUIT A CONTACTS PARALLELES</p> <p>[72] RUNYAN, DANIEL, US</p> <p>[71] AIRPAX CORPORATION, L.L.C., US</p> <p>[85] 2001-04-18</p> <p>[86] 1999-10-20 (PCT/US99/24468)</p> <p>[87] 2000-04-27 (WO00/24012)</p> <p>[30] US (09/176,169) 1998-10-21</p>
<p style="text-align: right;">[21] 2,348,616 [13] A1</p> <p>[51] Int.Cl. 6G06F 15/16</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR INFORMATION AND APPLICATION DISTRIBUTION</p> <p>[54] SYSTEME ET PROCEDE DE DISTRIBUTION D'INFORMATIONS ET D'APPLICATIONS</p> <p>[72] LEWIS, JEFF, US</p> <p>[72] POWER, LESLIE, US</p> <p>[72] DEKELBAUM, ROBERT, US</p> <p>[72] D'AMELIO, MARCUS, US</p> <p>[72] ROSENBAUM, BENJAMIN, US</p> <p>[72] MOYER, LEE, US</p> <p>[72] HAM, ETHAN, US</p> <p>[72] HARVEY, JAMES WARREN, US</p> <p>[71] IKIMBO, INC., US</p> <p>[85] 2001-04-17</p> <p>[86] 1999-09-15 (PCT/US99/21046)</p> <p>[87] 2000-03-23 (WO00/16208)</p> <p>[30] US (09/264,988) 1998-09-15</p>	<p style="text-align: right;">[21] 2,348,618 [13] A1</p> <p>[51] Int.Cl. 7H05K 7/20</p> <p>[25] EN</p> <p>[54] APPARATUS FOR COOLING A BOX WITH HEAT GENERATING ELEMENTS RECEIVED THEREIN AND A METHOD FOR COOLING SAME</p> <p>[54] APPAREIL DESTINE A REFROIDIR UN BOITIER RENFERMANT DES ELEMENTS GENERANT DE LA CHALEUR, ET PROCEDE DE REFROIDISSEMENT ASSOCIE</p> <p>[72] SASAKI, CHIYOSHI, JP</p> <p>[72] OOTORI, YASUHIRO, JP</p> <p>[71] SONY COMPUTER ENTERTAINMENT INC., JP</p> <p>[85] 2001-04-17</p> <p>[86] 2000-08-15 (PCT/JP00/05466)</p> <p>[87] 2001-02-22 (WO01/13693)</p> <p>[30] JP (11/231438) 1999-08-18</p>	<p style="text-align: right;">[21] 2,348,622 [13] A1</p> <p>[51] Int.Cl. 7H04N 1/32</p> <p>[25] EN</p> <p>[54] PARTIAL RETRIEVAL OF IMAGES IN THE COMPRESSED DOMAIN</p> <p>[54] RECUPERATION PARTIELLE D'IMAGES DANS LE DOMAINE COMPRI ME</p> <p>[72] SANTA CRUZ, DIEGO, CH</p> <p>[72] LARSSON, MATHIAS, SE</p> <p>[72] JANDEL, MAGNUS, SE</p> <p>[72] EBRAHIMI, TOURADJ, CH</p> <p>[72] CHRISTOPOULUS, CHARILAOS, SE</p> <p>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE</p> <p>[85] 2001-04-18</p> <p>[86] 1999-10-13 (PCT/SE99/01847)</p> <p>[87] 2000-04-27 (WO00/24188)</p> <p>[30] SE (9803593-4) 1998-10-21</p>
<p style="text-align: right;">[21] 2,348,619 [13] A1</p> <p>[51] Int.Cl. 7F16F 1/371 7B60G 7/04 7B61F 5/08 7B61F 5/14 7B60G 11/22 7B61F 5/30 7F16F 1/44</p> <p>[25] EN</p> <p>[54] ELASTOMERIC MOUNTING (D)</p> <p>[54] MONTAGE ELASTOMERE (D)</p> <p>[72] NEWMAN, DONALD JAMES, GB</p> <p>[71] TRELLEBORG AB, SE</p> <p>[85] 2001-04-17</p> <p>[86] 1999-10-20 (PCT/GB99/03467)</p> <p>[87] 2000-04-27 (WO00/23722)</p> <p>[30] GB (9822916.4) 1998-10-21</p>	<p style="text-align: right;">[21] 2,348,624 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/86 7A61K 48/00</p> <p>[25] EN</p> <p>[54] ADENOVIRUS-MEDIATED GENE THERAPY</p> <p>[54] THERAPIE GENIQUE INDUITE PAR ADENOVIRUS</p> <p>[72] SANDMAIR, ANU-MAARIA, FI</p> <p>[72] YLA-HERTTUALA, SEPPO, FI</p> <p>[72] LOIMAS, SAMI, FI</p> <p>[72] VAPALAHTI, MATTI, FI</p> <p>[71] ARK THERAPEUTICS LTD., GB</p> <p>[85] 2001-04-18</p> <p>[86] 1999-11-05 (PCT/EP99/09017)</p> <p>[87] 2000-05-18 (WO00/28059)</p> <p>[30] GB (9824437.9) 1998-11-06</p>	

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[21] **2,348,625**
[13] A1

[51] **Int.Cl. 7C01B 3/40 7B01J 35/04**
[25] EN
[54] **PRODUCTION OF HYDROGEN-CONTAINING GAS STREAMS**
[54] **PRODUCTION DE COURANTS DE GAZ EXEMPTS D'HYDROGENE**
[72] HUANG, CHIUNG-YUAN, US
[72] PLATVOET, ERWIN M., US
[72] OVERBEEK, RUDOLF A., US
[72] TRUBAC, ROBERT E., US
[72] VAN DER PUIL, NELLEKE, US
[71] ABB LUMMUS GLOBAL INC., US
[85] 2001-04-19
[86] 1999-11-04 (PCT/US99/26148)
[87] 2000-05-11 (WO00/26137)
[30] US (60/107,127) 1998-11-05
[30] US (09/432,737) 1999-11-02

[21] **2,348,626**
[13] A1

[51] **Int.Cl. 7E05B 65/00 7E05C 9/00 7B64C 1/14**
[25] EN
[54] **QUICK RELEASE AND FASTENING COVER**
[54] **CACHE A DEGAGEMENT ET FIXATION RAPIDE**
[72] LACONTE, RICHARD J., US
[71] THE BOEING COMPANY, US
[85] 2001-04-19
[86] 1999-11-24 (PCT/US99/27880)
[87] 2000-06-29 (WO00/37756)
[30] US (09/219,550) 1998-12-22

[21] **2,348,627**
[13] A1

[51] **Int.Cl. 6B32B 7/06 6B32B 7/12**
[25] EN
[54] **INDEX TAB LABEL INSERT SHEETS**
[54] **FEUILLES AVEC ETIQUETTES D'INDEX A ONGLETS**
[72] POLLMAN, RUSS D., US
[72] MILLS, FIONA J., US
[72] BAUMAN, BRUCE D., US
[71] AVERY DENNISON CORPORATION, US
[85] 2001-04-19
[86] 1999-10-22 (PCT/US99/24616)
[87] 2000-05-04 (WO00/24574)
[30] US (09/178,230) 1998-10-23

[21] **2,348,628**
[13] A1

[51] **Int.Cl. 7F16L 55/26 7H02G 1/08 7G02B 6/54**
[25] EN
[54] **DEVICE FOR INSTALLING AN INTERNAL CLAMP IN AN INACCESSIBLE PIPE**
[54] **DISPOSITIF POUR MONTER UNE BRIDE INTERNE DANS UN TUYAU NON ACCESSIBLE**
[72] HECHT, REINHARD, DE
[72] WYDER, HANS, CH
[72] BUNSCHI, HANS, CH
[72] MANSTORFER, KARL, DE
[72] HAUSERMANN, CHRISTIAN, CH
[72] WEINGARTEN, MARCO, CH
[71] HECHT, REINHARD, DE
[71] KA-TE SYSTEM AG, CH
[71] MANSTORFER, KARL, DE
[85] 2001-01-09
[86] 1999-08-04 (PCT/CH99/00362)
[87] 2000-02-17 (WO00/08506)
[30] EP (98810760.3) 1998-08-07

[21] **2,348,629**
[13] A1

[51] **Int.Cl. 7G01N 11/08 7G01N 33/44**
[25] EN
[54] **DEVICE AND METHOD FOR MEASURING THE VISCOSITY OF PLASTIC MATERIALS**
[54] **DISPOSITIF ET PROCEDE POUR MESURER LA VISCOSITE DE MATIERES PLASTIQUES**
[72] COLLIN, HEINER, DE
[72] COLLIN, HEINRICH, DE
[71] DR. COLLIN GMBH, DE
[85] 2001-03-13
[86] 1999-10-06 (PCT/EP99/07477)
[87] 2000-04-20 (WO00/22410)
[30] DE (198 46 579.3) 1998-10-09

[21] **2,348,630**
[13] A1

[51] **Int.Cl. 7C21D 9/00**
[25] EN
[54] **ANNEALING BASKET FOR DEGREASING AND SOFTENING ALUMINIUM PARTS**
[54] **PANIER DE RECUIT POUR LE RECUIT DE DEGRAISSAGE ET D'ADOUCCISSEMENT DE PIECES EN ALUMINIUM**
[72] JUNGBLUT, GOTTFRIED, DE
[71] ALUMINIUM RHEINFELDEN GMBH, DE
[85] 2001-04-19
[86] 1999-10-08 (PCT/EP99/07549)
[87] 2000-05-04 (WO00/24942)
[30] EP (98811073.0) 1998-10-26

[21] **2,348,632**
[13] A1

[51] **Int.Cl. 7H01L 33/00**
[25] EN
[54] **LIGHT-EMITTING THYRISTOR AND SELF-SCANNING LIGHT-EMITTING DEVICE**
[54] **THYRISTOR ELECTROLUMINESCENT ET DISPOSITIF ELECTROLUMINESCENT A AUTO-BALAYAGE**
[72] OHNO, SEIJI, JP
[72] KOMABA, NOBUYUKI, JP
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2001-04-19
[86] 2000-08-14 (PCT/JP00/05442)
[87] 2001-03-01 (WO01/15243)
[30] JP (11/234881) 1999-08-23
[30] JP (11/234884) 1999-08-23
[30] JP (11/238110) 1999-08-25

[21] **2,348,633**
[13] A1

[51] **Int.Cl. 7G06K 9/32**
[25] EN
[54] **METHOD FOR DETERMINING THE POSITION OF TEXT LINES IN TEXT RECOGNITION TASKS**
[54] **PROCEDE DE DETERMINATION DE LA POSITION DE LIGNES DE TEXTE LORS D'UNE RECONNAISSANCE DE FORMES**
[72] AIGNER, WALTER, AT
[72] ZAGLER, BERTRAM, AT
[71] SIEMENS AKTIENGESELLSCHAFT OSTERREICH, AT
[85] 2001-03-28
[86] 1999-09-16 (PCT/EP99/06842)
[87] 2000-04-06 (WO00/19358)
[30] AT (A 1623/98) 1998-09-30

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[21] **2,348,634**
[13] A1
[51] **Int.Cl. 7A61K 35/76 7C12N 7/00 7A61P 35/00**
[25] EN
[54] **METHODS FOR KILLING TUMOR AND TUMOR ASSOCIATED ENDOTHELIAL CELLS USING ADENOVIRAL MUTANTS**
[54] **METHODE DE DESTRUCTION DE TUMEUR ET DE CELLULES ENDOTHELIALES ASSOCIEES A UNE TUMEUR A L'AIDE DE MUTANTS ADENOVIRAUX**
[72] SAMPSON-JOHANNES, ADAM, US
[72] WILLIAMS, ANGELICA, US
[72] PROPST, MEISA, US
[72] HEISE, CARLA, US
[72] KIRN, DAVID, US
[71] ONYX PHARMACEUTICALS, INC., US
[85] 2001-04-19
[86] 1999-10-15 (PCT/US99/24144)
[87] 2000-05-04 (WO00/24408)
[30] US (60/105,701) 1998-10-26
[30] US (60/121,300) 1999-02-23

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[13] A1
[51] **Int.Cl. 7G01R 33/28 7G01R 33/31 7G01R 33/36**
[25] EN
[54] **PROBE HEAD FOR AN NMR SPECTROMETER**
[54] **TETE DE SONDE POUR UN SPECTROMETRE A RESONANCE MAGNETIQUE NUCLEAIRE**
[72] BERGMANN, WILFRIED, DE
[71] BERGMANN, WILFRIED, DE
[85] 2001-03-30
[86] 1999-09-30 (PCT/DE99/03148)
[87] 2000-04-06 (WO00/19228)
[30] DE (198 44 895.3) 1998-09-30

[21] **2,348,639**
[13] A1
[51] **Int.Cl. 6B60R 21/32 6B60R 21/26**
[25] EN
[54] **SENSOR PAD FOR CONTROLLING AIRBAG DEPLOYMENT AND ASSOCIATED SUPPORT**
[54] **CAPTEUR SOUS FORME DE COUSSINET SERVANT A COMMANDER LE DEPLOIEMENT D'UN AIRBAG ET SUPPORT ASSOCIE**
[72] SPECKHART, FRANK H., US
[72] BAKER, ROBERT SCOTT, US
[71] AMERICAN COMPONENTS, INC., US
[85] 2001-03-30
[86] 1999-08-23 (PCT/US99/19286)
[87] 2000-03-16 (WO00/13945)
[30] US (09/146,677) 1998-09-03
[30] US (09/368,113) 1999-08-04

[21] **2,348,640**
[13] A1
[51] **Int.Cl. 6B60K 23/04**
[25] EN
[54] **AUTOMATIC VARIABLE RATIO DIFFERENTIALS (AVRD)**
[54] **DIFFERENTIELS A RAPPORT VARIABLE AUTOMATIQUE**
[72] ROGERS, WILLIAM D., US
[72] ROGERS, RICHARD, US
[71] ROGERS, WILLIAM D., US
[71] ROGERS, RICHARD, US
[85] 2001-04-02
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[87] 1999-04-15 (WO99/17948)

[21] **2,348,642**
[13] A1
[51] **Int.Cl. 6H04Q 1/00**
[25] EN
[54] **PASSIVE REMOTE PROGRAMMER FOR INDUCTION TYPE RFID READERS**
[54] **PROGRAMMATEUR PASSIF A DISTANCE POUR LECTEURS RFID DU TYPE A INDUCTION**
[72] CASDEN, MARTIN S., US
[71] SOUNDCRAFT, INC., US
[85] 2001-04-04
[86] 1999-12-10 (PCT/US99/29362)
[87] 2000-06-22 (WO00/36849)
[30] US (09/212,583) 1998-12-14

[21] **2,348,646**
[13] A1
[51] **Int.Cl. 7B66F 7/08**
[25] EN
[54] **VOLUMETRIC OPERATING SYSTEM FOR VEHICLE LIFTS**
[54] **SYSTEME DE FONCTIONNEMENT VOLUMETRIQUE POUR PONTS ELEVEURS DE VEHICULE**
[72] GRANATA, TEBALDO, IT
[71] SNAP-ON TECHNOLOGIES, INC., US
[85] 2001-04-09
[86] 1999-10-12 (PCT/IB99/01778)
[87] 2000-04-20 (WO00/21871)
[30] IT (MI98A002217) 1998-10-15

[21] **2,348,647**
[13] A1
[51] **Int.Cl. 7B29C 73/04 7B32B 17/06**
[25] EN
[54] **A METHOD OF REPAIRING SCRATCHED AND/OR ABRADED TRANSPARENT SUBSTRATES AND THE REPAIRED SUBSTRATES**
[54] **TECHNIQUE DE REPARATION DE SUBSTRATS TRANSPARENTS RAYES OU USES PAR ABRASION; SUBSTRATS REPARES**
[72] JANSSEN, JEFFREY R., US
[72] EVERAERTS, ALBERT I., US
[72] O'KEEFE, DONALD R., US
[72] SHEFFIELD, WILLIAM F., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-04-09
[86] 1999-10-26 (PCT/US99/25129)
[87] 2000-05-04 (WO00/24567)
[30] US (09/181,525) 1998-10-28

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[13] A1

[51] **Int.Cl. 7B32B 5/16 7A61F 13/15**
[25] EN
[54] **RETICULATED ABSORBENT COMPOSITE**
[54] **COMPOSITE ABSORBANT RETICULE**
[72] GRAEF, PETER A., US
[72] EDMARK, RICHARD A., US
[72] LI, YONG, US
[72] MARSH, DAVID G., US
[72] BOLSTAD, CLIFFORD R., US
[72] COLIN, ELSTON, US
[72] MILLER, CHARLES E., US
[72] HOWARD, FRED B., US
[71] WEYERHAEUSER COMPANY, US
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[86] 1999-11-10 (PCT/US99/26560)
[87] 2000-05-18 (WO00/27625)
[30] US (60/107,998) 1998-11-11
[30] US (60/155,464) 1999-09-21

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[13] A1

[51] **Int.Cl. 6F27D 3/12 6F27D 3/04 6F27B 9/22 6F27B 9/24**
[25] EN
[54] **CARBON BAKING FURNACE**
[54] **FOUR DE CUISSON DU CARBONE**
[72] LAZAROU, RICK KIRIAKOS, AU
[71] LAZAR ENTERPRISES PTY. LTD., AU
[85] 2001-04-10
[86] 1998-07-30 (PCT/AU98/00603)
[87] 1999-02-11 (WO99/06779)

[21] **2,348,650**
[13] A1

[51] **Int.Cl. 7B02C 13/28**
[25] EN
[54] **HAMMER CRUSHER**
[54] **CONCASSEUR A MARTEAUX ARTICULES**
[72] MECKLENFELD, HERMANN, DE
[71] KRUPP FORDERTECHNIK GMBH, DE
[85] 2001-04-20
[86] 1999-10-21 (PCT/EP99/07988)
[87] 2000-05-04 (WO00/24515)
[30] DE (198 48 866.1) 1998-10-23

[21] **2,348,651**
[13] A1

[51] **Int.Cl. 7A47L 11/03 7B05B 3/02 7A47L 11/16 7A47L 11/162 7A47L 11/34**
[25] EN
[54] **FLOOR CLEANING APPARATUS HAVING A FOAM DISTRIBUTING DEVICE THEREIN**
[54] **APPAREIL DE NETTOYAGE DES SOLS A DISTRIBUTEUR DE MOUSSE INTEGRE**
[72] HENDRIX, JAMES KIRK, US
[72] BESEL, ARLEN DALE, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-20
[86] 1999-12-08 (PCT/US99/29155)
[87] 2000-06-22 (WO00/35333)
[30] US (09/212,639) 1998-12-16

[21] **2,348,652**
[13] A1

[51] **Int.Cl. 7C08G 65/30 7C07C 41/34 7C07C 41/38 7C11D 1/72**
[25] EN
[54] **PROCESS FOR PREPARING ETHER-CAPPED POLY(OXYALKYLATED) ALCOHOL SURFACTANTS**
[54] **PREPARATION DE TENSIOACTIFS A BASE D'ALCOOLS POLY(OXYALKYLES) A PROTECTIONS ETHER**
[72] KLUESENER, BERNARD WILLIAM, US
[72] SIVIK, MARK ROBERT, US
[72] LEVENGOOD, DONALD EUGENE, US
[72] FORMYDUVAL, TERRY FRANKLIN, US
[72] MILLER, LARRY EUGENE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2001-04-20
[86] 1999-11-03 (PCT/US99/25944)
[87] 2000-05-18 (WO00/27903)
[30] US (60/107,170) 1998-11-05
[30] US (60/131,409) 1999-04-28

[21] **2,348,653**
[13] A1

[51] **Int.Cl. 7H01J 37/32**
[25] EN
[54] **HOLLOW CATHODE ARRAY FOR PLASMA GENERATION**
[54] **MATRICE CATHODIQUE CREUSE POUR GENERATION DE PLASMA**
[72] LIN, TYAU-JEEN, US
[72] CHEN, JYH-HONG ERIC, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-20
[86] 1999-12-06 (PCT/US99/28841)
[87] 2000-06-15 (WO00/34979)
[30] US (60/111,116) 1998-12-07

[21] **2,348,654**
[13] A1

[51] **Int.Cl. 7C08G 69/28 7C08G 69/04**
[25] EN
[54] **PROCESS FOR PREPARATION OF POLYAMIDE FROM DINITRILE AND DIAMINE**
[54] **PROCEDE DE PREPARATION DE POLYAMIDE A PARTIR DE DINITRILE ET DIAMINE**
[72] VAN EIJNDHOVEN, MARIA DE JESUS, US
[72] MARKS, DAVID NEIL, US
[72] HAYES, RICHARD ALLEN, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2001-04-20
[86] 1999-11-30 (PCT/US99/28238)
[87] 2000-06-29 (WO00/37537)
[30] US (09/217,797) 1998-12-22

[21] **2,348,655**
[13] A1

[51] **Int.Cl. 7C07C 51/56 7C07C 57/03 7C07C 51/54**
[25] EN
[54] **PROCESS FOR CARBONYLATION OF AN ALLYLIC BUTENOL OR BUTENYL ESTER OF A CARBOXYLIC ACID**
[54] **PROCEDE DE CARBONYLATION D'ESTER DE BUTENOL OU DE BUTENYLE ALLYLIQUE D'UN ACIDE CARBOXYLIQUE**
[72] BURKE, PATRICK MICHAEL, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[71] D.S.M. N.V., NL
[85] 2001-04-20
[86] 1999-11-30 (PCT/US99/28250)
[87] 2000-06-29 (WO00/37409)
[30] US (09/215,410) 1998-12-18

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[21] **2,348,658**
[13] A1
[51] **Int.Cl. 7A61K 39/39 7A61K 39/00**
7A61P 31/00 7A61K 39/012 7A61K 39/015
7A61K 39/02 7A61P 31/04 7A61K 39/07
7A61K 39/10 7A61K 39/108 7A61K 39/116
7A61K 39/118 7A61P 31/12 7A61K 39/145
7A61K 39/15 7A61K 39/165 7A61K 39/20
7A61K 39/21 7A61K 39/295
[25] EN
[54] **VACCINE PREPARATIONS**
CONTAINING ATTENUATED TOXIN
[54] **PREPARATIONS DE VACCIN**
CONTENANT DES TOXINES
ATTENUEES
[72] WATANABE, KOJI, JP
[72] TANAKA, YOSHITAKE, JP
[72] HATTORI, NOBUAKI, JP
[72] AIZAWA, CHIKARA, JP
[72] OMURA, SATOSHI, JP
[72] SATO, TAKA-AKI, JP
[72] SUZUKI, YUZIRO, JP
[71] THE KITASATO INSTITUTE, JP
[85] 2001-04-20
[86] 1999-10-20 (PCT/JP99/05789)
[87] 2000-04-27 (WO00/23107)
[30] JP (10/300219) 1998-10-21

[21] **2,348,659**
[13] A1
[51] **Int.Cl. 7G10L 19/04**
[25] EN
[54] **APPARATUS AND METHOD FOR**
SPEECH CODING
[54] **VOCODEUR ET PROCEDE**
CORRESPONDANT
[72] YASUNAGA, KAZUTOSHI, JP
[72] MORII, TOSHIYUKI, JP
[71] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[85] 2001-04-23
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[87] 2001-03-01 (WO01/15144)
[30] JP (11/235050) 1999-08-23
[30] JP (11/236728) 1999-08-24
[30] JP (11/248363) 1999-09-02

[21] **2,348,661**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7G06F 12/00**
[25] EN
[54] **DATABASE SYSTEM**
[54] **SYSTEME DE BASE DE DONNEES**
[72] SHIMIZU, ISAO, JP
[71] SUGAHARA, MASAMICHI, JP
[71] OBUN INSATSU CO., LTD., JP
[71] SHIMIZU, ISAO, JP
[85] 2001-04-23
[86] 2000-08-28 (PCT/JP00/05782)
[87] 2001-03-08 (WO01/16797)
[30] JP (11/244479) 1999-08-31

[21] **2,348,663**
[13] A1
[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **SELF-TUNING SUFFICIENT**
SIGNAL STRENGTH THRESHOLD
[54] **SEUIL D'INTENSITE SUFFISANTE**
DU SIGNAL A REGLAGE
AUTOMATIQUE
[72] LUNDBORG, TOMAS, SE
[71] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 2001-04-23
[86] 1999-10-26 (PCT/SE99/01934)
[87] 2000-05-04 (WO00/25547)
[30] US (09/179,958) 1998-10-28

[21] **2,348,664**
[13] A1
[51] **Int.Cl. 7G06F 9/38**
[25] EN
[54] **METHOD FOR EXECUTING**
MEMORY READ REQUESTS
[54] **PROCEDE D'EXECUTION DE**
DEMANDES DE CONSULTATION DE
MEMOIRE
[72] DAHL, ORVAR PER, SE
[72] ZERVENS, MATISS JONAS, SE
[71] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 2001-04-23
[86] 1999-10-29 (PCT/SE99/01953)
[87] 2000-05-11 (WO00/26773)
[30] US (09/182,773) 1998-10-30

[21] **2,348,666**
[13] A1
[51] **Int.Cl. 7B29C 43/04 7B29C 43/42**
[25] EN
[54] **FORM KEYS AND METHOD**
USING FORM KEYS
[54] **CLAVETTES DE FORMAGE ET**
PROCEDE D'UTILISATION DE CES
CLAVETTES
[72] HOGARTH, STEVEN R., US
[72] BAKER, PHILIP S., US
[72] SIMMONS, KENNETH J., US
[72] FULLER, JOHN G., US
[71] PACTIV CORPORATION, US
[85] 2001-04-23
[86] 2000-08-10 (PCT/US00/21953)
[87] 2001-03-08 (WO01/15879)
[30] US (09/385,487) 1999-08-30

[21] **2,348,668**
[13] A1
[51] **Int.Cl. 7H01G 9/00 7H01G 9/04**
[25] EN
[54] **A CHARGE STORAGE DEVICE**
[54] **DISPOSITIF CONDENSATEUR DE**
CHARGE
[72] KESHISHIAN, SARKIS, AU
[72] JONES, PHILIP ANDREW, AU
[72] VASSALLO, ANTHONY MICHAEL,
AU
[72] PAUL, GEORGE LANGE, AU
[72] PANDOLFO, ANTHONY GAETANO,
AU
[72] MAHON, PETER JOHN, AU
[72] PYNENBURG, RORY ALBERT
JAMES, AU
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[85] 2001-04-23
[86] 1999-12-06 (PCT/AU99/01081)
[87] 2000-06-15 (WO00/34964)
[30] US (60/110,930) 1998-12-05

[21] **2,348,669**
[13] A1
[51] **Int.Cl. 7H04Q 7/34**
[25] EN
[54] **MANAGEMENT OF RADIO BASE**
STATIONS IN A
TELECOMMUNICATIONS NETWORK
[54] **GESTION DE STATIONS DE BASE**
RADIOELECTRIQUES DANS UN
RESEAU DE TELECOMMUNICATIONS
[72] PEHRSON, JENS ERLAND, SE
[71] TELEFONAKTIEBOLAGET LM
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[85] 2001-04-23
[86] 1999-10-22 (PCT/SE99/01912)
[87] 2000-05-04 (WO00/25543)
[30] US (09/178,819) 1998-10-26

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[13] A1

[51] **Int.Cl. 6G01V 3/00**
[25] EN
[54] **NMR LOGGING APPARATUS AND METHODS FOR FLUID TYPING**
[54] **APPAREIL D'ENREGISTREMENT PAR RESONANCE MAGNETIQUE NUCLEAIRE ET TECHNIQUES DE DETERMINATION DES TYPES DE LIQUIDES**
[72] HOU, LEI B., US
[72] COATES, GEORGE R., US
[71] NUMAR CORPORATION, US
[85] 2001-04-23
[86] 1999-10-29 (PCT/US99/25397)
[87] 2000-05-11 (WO00/26696)
[30] US (60/106,259) 1998-10-30

[21] **2,348,673**
[13] A1

[51] **Int.Cl. 7C07F 9/50**
[25] EN
[54] **ORGANOPHOSPHINES**
[54] **ORGANOPHOSPHINES**
[72] WOODWARD, GARY, GB
[72] PADDA, RANBIR SINGH, GB
[72] REGIUS, CHRISTIAN THOMAS, GB
[71] RHODIA CONSUMER SPECIALTIES LIMITED, GB
[85] 2001-04-23
[86] 1999-10-21 (PCT/GB99/03482)
[87] 2000-05-04 (WO00/24752)
[30] GB (9823208.5) 1998-10-24

[21] **2,348,691**
[13] A1

[51] **Int.Cl. 7B01L 3/00 7C12Q 1/68**
[25] EN
[54] **DISPOSABLE TEST DEVICES FOR PERFORMING NUCLEIC ACID AMPLIFICATION REACTIONS**
[54] **DISPOSITIFS DE TEST JETABLES SERVANT A EFFECTUER DES REACTIONS D'AMPLIFICATION D'ACIDE NUCLEIQUE**
[72] MORIN, MICHAEL, US
[72] WANG, THOMAS, US
[72] KLUTTZ, BRIAN, US
[72] COTTER, CHRISTOPHER, US
[72] GUY, MICHEL, US
[72] BURG, LAWRENCE, US
[72] COLIN, BRUNO, FR
[72] TEGELER, GARRY, US
[72] GREER, JAMES, US
[72] BISHOP, JAMES CLEMENT, US
[72] GLASSFIELD, ROBERT, US
[72] CATANZARITI, LUIGI, US
[72] PARIS, CECILE, FR
[72] MCKINLEY, GEOFF A., US
[72] GRAZIANO, LOUIS, US
[71] BIOMERIEUX, INC., US
[85] 2001-03-15
[86] 2000-09-29 (PCT/US00/26736)
[87] 2001-04-26 (WO01/28683)
[30] US (09/420,139) 1999-10-18

[21] **2,348,693**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61K 31/505**
[25] EN
[54] **NATURAL FORMULATION FOR THE TREATMENT AND PREVENTION OF DEPRESSION, CONTAINING ST JOHN'S WORT AND DERIVATIVES OF DIHYDRO- AND TETRAHYDROFOLIC ACID**
[54] **FORMULATION NATURELLE POUR LE TRAITEMENT ET LA PREVENTION DE LA DEPRESSION ET CONTENANT ST. JOHN'S WORT ET DES DERIVES DE L'ACIDE DIHYDRO- ET TETRAHYDROFOLIQUE**
[72] MEDUSKI, JERZY, US
[72] BUCHHOLZ, HERWIG, DE
[72] DUDDA, ANGELA, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2001-04-17
[86] 1999-10-08 (PCT/EP99/07556)
[87] 2000-04-27 (WO00/23089)
[30] US (60/104,710) 1998-10-19

[21] **2,348,695**
[13] A1

[51] **Int.Cl. 7C07D 311/80**
[25] EN
[54] **METHOD OF PREPARING DELTA-9-TETRAHYDROCANNABINOL ESTERS**
[54] **PROCEDE DE PREPARATION D'ESTERS DELTA-9-TETRAHYDROCANNABINOL**
[72] FENG, SHIXIA, US
[72] ROSS, SAMIR A., US
[72] ELSOHLY, MAHAMOUD A., US
[71] THE UNIVERSITY OF MISSISSIPPI, US
[85] 2001-04-25
[86] 1999-10-26 (PCT/US99/25141)
[87] 2000-05-25 (WO00/29402)
[30] US (09/178,644) 1998-10-26

[21] **2,348,767**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61K 33/14 7A61K 33/42**
[25] EN
[54] **METHOD FOR PRODUCING AN ANTITUMORAL AGENT AND ANTITUMORAL AGENT THUS OBTAINED**
[54] **PROCEDE DE PRODUCTION D'UN AGENT ANTITUMORAL ET AGENT ANTITUMORAL AINSI OBTENU**
[72] PINCHUK, BORIS TIMOFEIEVICH, RU
[72] TROFIMOV, VALERY AFANASIEVICH, RU
[72] PETUKHOV, DMITRY VIKTOROVICH, RU
[72] REZTSOVA, VALENTINA VASILIEVNA, RU
[72] FILOV, VLADIMIR ALEXANDROVICH, RU
[71] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTIJU "LIGPHARM", RU
[85] 2001-04-26
[86] 1999-12-29 (PCT/RU99/00511)
[87] 2000-07-13 (WO00/40257)
[30] RU (98123959) 1998-12-30

PCT Applications Entering the National Phase

[21] **2,348,770**
[13] A1

[51] **Int.Cl. 7A01N 63/00 7A01N 65/00 7C12N 5/00**
[25] EN
[54] **STROMAL CELL USE**
[54] **UTILISATION DE CELLULES DU STROMA**
[72] LANGELL, JOHN, US
[72] REISS, RUSSELL G., US
[72] PROCKOP, DARWIN J., US
[71] PHILADELPHIA HEALTH & EDUCATION CORPORATION, US
[85] 2001-04-26
[86] 1999-10-26 (PCT/US99/25134)
[87] 2000-05-04 (WO00/24261)
[30] US (60/105,671) 1998-10-26

[21] **2,348,783**
[13] A1

[51] **Int.Cl. 7H01M 8/02**
[25] EN
[54] **MICROSTRUCTURED FLOW FIELDS**
[54] **CHAMPS D'ECOULEMENT A MICROSTRUCTURES**
[72] LEWINSKI, KRYSZTOF A., US
[72] YLITALO, DAVID A., US
[72] JOHNSTON, RAYMOND P., US
[72] HERDTLE, THOMAS, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2001-04-23
[86] 1999-10-29 (PCT/US99/25401)
[87] 2000-05-11 (WO00/26981)
[30] US (60/106,124) 1998-10-29

[21] **2,348,784**
[13] A1

[51] **Int.Cl. 7E05F 15/00 7E05D 13/00 7E05F 15/16**
[25] EN
[54] **SYSTEM AND RELATED METHODS FOR DETECTING AND MEASURING THE OPERATIONAL PARAMETERS OF A GARAGE DOOR UTILIZING A LIFT CABLE SYSTEM**
[54] **SYSTEME DE DETECTION ET DE MESURE DES PARAMETRES OPERATIONNELS D'UNE PORTE DE GARAGE AVEC SYSTEME DE CABLE DE LEVAGE, ET PROCEDES ASSOCIES**
[72] MULLET, WILLIS J., US
[72] KYLE, DONALD B., US
[72] RODRIGUEZ, YAN, US
[71] WAYNE-DALTON CORP., US
[85] 2001-04-23
[86] 2000-08-22 (PCT/US00/22993)
[87] 2001-03-01 (WO01/14678)
[30] US (09/382,344) 1999-08-25

[21] **2,348,785**
[13] A1

[51] **Int.Cl. 7C08F 10/00 7C08F 4/60**
[25] EN
[54] **PROCESS FOR THE POLYMERIZATION OF OLEFINS**
[54] **PROCEDE DE POLYMERISATION D'OLEFINES**
[72] FORD, RANDAL RAY, US
[72] STUART, RICHARD KINGSLEY JR., US
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2001-04-23
[86] 1999-10-14 (PCT/US99/23843)
[87] 2000-05-04 (WO00/24789)
[30] US (60/105,786) 1998-10-27
[30] US (09/387,601) 1999-08-31

[21] **2,348,787**
[13] A1

[51] **Int.Cl. 7C10L 5/46 7C10L 5/48**
[25] EN
[54] **GASIFICATION OF BIOSLUDGE**
[54] **GAZEIFICATION DE BOUE BIOLOGIQUE**
[72] RICHTER, GEORGE NEAL, US
[72] WINTER, JOHN DUCKETT, US
[71] TEXACO DEVELOPMENT CORPORATION, US
[85] 2001-04-23
[86] 1999-12-03 (PCT/US99/28617)
[87] 2000-06-22 (WO00/36056)
[30] US (09/213,683) 1998-12-17

[21] **2,348,788**
[13] A1

[51] **Int.Cl. 6A61N 5/06**
[25] EN
[54] **METHOD OF HAIR REMOVAL BY TRANSCUTANEOUS APPLICATION OF LASER LIGHT**
[54] **PROCEDE D'EPILATION PAR APPLICATION TRANSCUTANEE DE LUMIERE LASER**
[72] JOCHUM, FRANCES R., US
[72] STEWART, BOB W., US
[71] KERALASE LTD., CA
[85] 2001-04-23
[86] 1998-10-28 (PCT/CA98/01005)
[87] 2000-05-04 (WO00/24464)

[21] **2,348,789**
[13] A1

[51] **Int.Cl. 6H01M 4/86**
[25] EN
[54] **FUEL CELL MEMBRANE HUMIDIFICATION**
[54] **HUMIDIFICATION DE MEMBRANE DE PILE A COMBUSTIBLE**
[72] WILSON, MAHLON S., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2001-04-23
[86] 1998-10-28 (PCT/US98/02895)
[87] 2000-05-04 (WO00/25377)

[21] **2,348,790**
[13] A1

[51] **Int.Cl. 7B01D 17/02 7B01D 17/032 7E21B 43/34**
[25] EN
[54] **HYDROCARBON SEPARATION**
[54] **SEPARATION D'UN MELANGE D'HYDROCARBURES LIQUIDES ET D'EAU**
[72] HOYDAHL, JAN, NO
[72] CHRISTIANSEN, BJORN, NO
[72] VANGEN, GUNNAR, NO
[71] DEN NORSKE STATS OLJESELSKAP A.S., NO
[71] KVAERNER PROCESS SYSTEMS A.S., NO
[85] 2001-04-23
[86] 1999-10-20 (PCT/IB99/01714)
[87] 2000-05-04 (WO00/24493)
[30] GB (9823136.8) 1998-10-23

[21] **2,348,791**
[13] A1

[51] **Int.Cl. 6E05B 13/10 6E05B 15/16**
[25] EN
[54] **LOCK ASSEMBLY WITH OVERTORQUE DEFENSE SYSTEM**
[54] **ENSEMBLE DE VERROUILLAGE AVEC SYSTEME DE PROTECTION CONTRE LE SERRAGE EXCESSIF**
[72] TAYLOR, CHRISTOPHER L., US
[72] CHONG, GERALD B., US
[71] EMHART, INC., US
[85] 2001-04-23
[86] 1999-10-22 (PCT/US99/24808)
[87] 2000-05-04 (WO00/24993)
[30] US (60/105,457) 1998-10-23
[30] US (09/422,695) 1999-10-21

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,348,792 [13] A1</p> <p>[51] Int.Cl. 6A61N 5/06 [25] EN [54] NEURO-IMMUNE-ENDOCRINE REGULATING DEVICE AND TREATMENT [54] DISPOSITIF DE REGULATION NEURO-IMMUNO-ENDOCRINIENNE ET TRAITEMENT CORRESPONDANT [72] ISSACHAROFF, MICHAEL, GB [72] MADRID, LELIA, GB [71] ISSACHAROFF, MICHAEL, GB [71] MADRID, LELIA, GB [85] 2001-04-23 [86] 1998-10-23 (PCT/IB98/01865) [87] 2000-05-04 (WO00/24465)</p>	<p style="text-align: right;">[21] 2,348,841 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/00 7A61P 5/00 [25] EN [54] IMPROVED GROWTH STIMULANT COMPOSITIONS [54] COMPOSITIONS AMELIOREES STIMULANT LA CROISSANCE [72] KNIGHT, PETER JAMES, US [72] SHIH, CHUNG, US [72] KENNEDY, THOMAS J., US [72] SHAO, ZEZHI JESSE, US [72] ROBINS, DANIEL S., US [71] SCHERING CORPORATION, US [85] 2001-04-30 [86] 1999-11-02 (PCT/US99/23993) [87] 2000-05-11 (WO00/25743) [30] US (09/185,944) 1998-11-04</p>	<p style="text-align: right;">[21] 2,348,844 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/7004 7A61K 31/7016 [25] EN [54] COMPOUNDS AND THEIR THERAPEUTIC USE WITH DIABETIC COMPLICATIONS [54] COMPOSES ET SES UTILISATIONS THERAPEUTIQUES DANS LA PREVENTION DE COMPLICATIONS D'UN DIABETIQUE [72] BROWN, TRUMAN R., US [71] FOX CHASE CANCER CENTER, US [85] 2001-04-30 [86] 1999-10-28 (PCT/US99/25358) [87] 2000-05-04 (WO00/24405) [30] US (09/182,114) 1998-10-28</p>
<p style="text-align: right;">[21] 2,348,793 [13] A1</p> <p>[51] Int.Cl. 7B65D 1/20 7B65D 25/42 [25] EN [54] CONTAINER [54] RECIPIENT [72] FRANZEN, BJORN, SE [71] FRANZOTECH INVEST AB, SE [85] 2001-04-23 [86] 1999-11-05 (PCT/SE99/02011) [87] 2000-05-18 (WO00/27712) [30] SE (9803811-0) 1998-11-06</p>	<p style="text-align: right;">[21] 2,348,842 [13] A1</p> <p>[51] Int.Cl. 7A61K 47/34 [25] EN [54] MUCO-ADHESIVE POLYMERS, USE THEREOF AND METHOD FOR PRODUCING THE SAME [54] POLYMERES MUCO-ADHESIFS, LEUR UTILISATION ET LEUR PROCEDE DE PREPARATION [72] BERNKOP-SCHNURCH, ANDREAS, AT [71] BERNKOP-SCHNURCH, ANDREAS, AT [85] 2001-04-30 [86] 1999-11-04 (PCT/AT99/00265) [87] 2000-05-11 (WO00/25823) [30] AT (A 1828/98) 1998-11-04</p>	<p style="text-align: right;">[21] 2,350,070 [13] A1</p> <p>[51] Int.Cl. 7B65D 45/00 7B65D 23/00 7G10L 11/00 [25] EN [54] AUDIO DEVICE FOR MEDICATION CONTAINER [54] DISPOSITIF AUDIO POUR RECIPIENT DE MEDICAMENTS [72] DOBBINS, JOHN C., US [71] MILLENNIUM COMPLIANCE, US [85] 2001-05-01 [86] 2000-05-05 (PCT/US00/12192) [87] 2001-03-29 (WO01/22399) [30] US (09/399,671) 1999-09-21</p>
<p style="text-align: right;">[21] 2,348,840 [13] A1</p> <p>[51] Int.Cl. 7A61K 39/12 7C12N 7/04 [25] EN [54] METHOD FOR THE PRODUCTION OF AN ANTIVIRAL AGENT [54] PROCEDE DE PRODUCTION D'UN AGENT ANTIVIRAL [72] WEISS, HANS-ERICH, DE [72] WEISS, HANNELORE, DE [72] SONNTAG, HANS-GUNTER, DE [72] NOLTE, OLIVER, DE [71] WEISS, HANS-ERICH, DE [71] WEISS, HANNELORE, DE [71] SONNTAG, HANS-GUNTER, DE [71] NOLTE, OLIVER, DE [85] 2001-04-30 [86] 1999-10-09 (PCT/EP99/07588) [87] 2000-05-04 (WO00/24420) [30] DE (198 49 641.9) 1998-10-28</p>	<p style="text-align: right;">[21] 2,348,843 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/48 [25] EN [54] A CAPSULE BASED DRUG DELIVERY SYSTEM [54] SYSTEME D'ADMINISTRATION DE MEDICAMENTS A BASE DE GELULES [72] NOWAK, EDWARD ZBYGNIEW, GB [72] MUNCASTER, BARRY JOHN, GB [72] BROWN, MALCOLM DAVID, GB [71] BIOPROGRESS TECHNOLOGY INTERNATIONAL INCORPORATED, US [85] 2001-04-30 [86] 1999-11-04 (PCT/GB99/03649) [87] 2000-05-18 (WO00/27367) [30] GB (9824658.0) 1998-11-11 [30] GB (9925166.2) 1999-10-25</p>	

PCT Applications Entering the National Phase

Canadian Divisional and Previously Unavailable Laid-Open applications

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,348,682**
[13] A1
[51] **Int.Cl. 7E04B 1/26 7E04B 1/10**
[25] EN
[54] **LOG CONSTRUCTION**
[54] **CONSTRUCTION EN PIECE SUR
PIECE**
[72] MOORE, KENNETH G., CA
[71] MOORE, KENNETH G., CA
[22] 1999-07-07
[43] 2000-02-29
[62] 2,276,966
[30] US (09/144,107) 1998-08-31

[21] **2,348,689**
[13] A1
[51] **Int.Cl. 7G01N 33/48**
[25] EN
[54] **COMBINATORIAL STRATEGIES
FOR POLYMER SYNTHESIS**
[54] **TECHNIQUES COMBINEES POUR
LA SYNTHESE DE POLYMERES**
[72] BUCHKO, CHRISTOPHER J., US
[72] FODOR, STEPHEN P.A., US
[72] ALDWIN, LOIS, US
[72] ROSS, DEBRA A., US
[72] WINKLER, JAMES L., US
[72] MODLIN, DOUGLAS N., US
[71] AFFYMETRIX, INC., US
[22] 1992-11-20
[43] 1993-05-27
[62] 2,124,087
[30] US (07/796,243) 1991-11-22
[30] US (07/874,849) 1992-04-24

[21] **2,349,069**
[13] A1
[51] **Int.Cl. 7F25J 1/00**
[25] EN
[54] **CRYOGENIC ACCUMULATOR
FOR SPIN-POLARIZED XENON-129**
[54] **ACCUMULATEUR
CRYOGENIQUE POUR XENON 129
POLARISE PAR SPIN**
[72] WALTER, DANIEL, US
[72] CATES, GORDON D., JR., US
[72] SAAM, BRIAN, US
[72] DRIEHUYS, BASTIAAN, US
[72] MIRON, ELI, US
[72] HAPPER, WILLIAM, US
[71] THE TRUSTEES OF PRINCETON
UNIVERSITY, US
[22] 1997-03-27
[43] 1997-10-09
[62] 2,250,167
[30] US (08/622,865) 1996-03-29

Canadian Divisional and Previously Unavailable Laid-Open applications

Index of Canadian Patents Issued

July 31, 2001

Index des brevets canadiens délivrés

31 juillet 2001

Abele, John E.	2,067,110	AUCKLAND UNISERVICES LIMITED	2,122,058	BITOWFT, Bruce Kevin	2,221,918
Abuto, Frank P.	2,044,076	Audousset, Marie-Pascale	2,167,648	Bodart, Philippe	2,076,671
Adler, Klaus	2,182,202	AUSPHARM INTERNATIONAL LIMITED	2,065,399	BOIS LAUMAR INC. (LES)	2,192,427
AEC OIL SANDS LIMITED PARTNERSHIP	2,224,615	AVENTIS PHARMA INC.	2,016,908	Bolton, Garth Desmond	2,160,094
AEC OIL SANDS, L.P.	2,224,615	AVENTIS PHARMACEUTICALS INC.	2,218,663	Bombardelli, Ezio	2,035,951
AGRAWAL, Rakesh	2,251,436	Bach, Elke	2,193,711	BORGSTROM, Dennis V.	2,259,776
AHR, Nicholas Albert	2,240,072	BACON, Dennis Ray	2,202,507	Bosies, Elmar	2,023,944
AHUJA, Suresh K.	2,229,323	BADESHA, Santokh S.	2,229,323	BOSTON SCIENTIFIC CORPORATION	2,067,110
AIR PRODUCTS AND CHEMICALS, INC.	2,251,436	BAERENWALD, Philip M.	2,199,553	BOSTON SCIENTIFIC LIMITED	2,174,131
AKASHI, Kentaro	2,230,369	BAGNATO, Luigi J.	2,205,113	BOURLIER, Ken A.	2,211,198
AKIBA, Kenji	2,253,972	Ball, Thomas J.	2,158,499	Bourne, Thomas	2,174,131
ALBERTA RESEARCH COUNCIL INC.	2,200,665	BANKS, David L.	2,219,848	BOWE SYSTEC AG	2,229,634
ALBERTSEN, Marc C.	2,203,801	Bar, Abraham A.	2,043,180	BRADLEY, Laurence Daniel	2,230,267
ALCATEL, N.V.	2,105,699	Baron, Bruce M.	2,016,908	BRANDT, Arlan J.	2,266,784
Allaert, Joost	2,105,699	BASE, Terence E.	2,224,615	Brazel, Dieter	2,041,989
ALTERRA HOLDINGS CORPORATION	2,205,842	BASF CORPORATION	2,208,494	Brechot, Christian	2,055,612
Alvarez Tamargo, Francisco	2,158,671	BATZER, Josef	2,229,634	Brecknell, Willis & Co. Limited	2,078,894
AMERICAN CYANAMID COMPANY	2,036,988	Bauder, Richard Clark	2,029,534	Breton, Lionel	2,159,555
AMERICAN HOME PRODUCTS CORPORATION	2,237,570	BAUER, Richard Bernd	2,221,918	Bridden, Terence Edward	2,027,603
AMGEN INC.	2,118,119	BAUKLOH, Achim	2,225,464	BRISTOL-MYERS SQUIBB COMPANY	2,068,763
AN, Suk Ku	2,205,842	BAYER AKTIENGESELLSCHAFT	2,019,367	BRISTOL-MYERS SQUIBB COMPANY	2,091,838
Anderson, Daniel J.	2,054,506	Bayer, John W.	2,093,736	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,199,506
AOSHIMA, Hideyuki	2,231,652	BEACH, Larry R.	2,203,801	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,207,504
AOYAMA, Hirokazu	2,233,618	BEAUPRE, MICHEL	2,231,580	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,230,267
Aquaform, Inc.	2,023,675	BECKERS, William J.	2,206,905	Broudy, Virginia C.	2,107,553
Arazi, Efraim	2,043,180	BECTON, DICKINSON AND COMPANY	2,101,886	BROWN, Carolyn Jayne	2,210,646
Argenta, Louis C.	2,121,688	BECTON, DICKINSON AND COMPANY	2,184,579	BROWN, GEOFFREY DAVID	2,278,558
ARMSTRONG WORLD INDUSTRIES, INC.	2,102,847	BEHRINGWERKE AKTIENGESELLSCHAFT	2,041,989	BROWN, Paul Albert	2,237,570
ARONCHICK, Craig A.	2,241,445	Belcastro, Domenic	2,189,717	Brown, Stewart A.	2,009,368
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA	2,065,984	Bellet, Serge	2,077,083	Brune, Thomas	2,041,989
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA	2,066,064	BELOIT TECHNOLOGIES, INC.	2,205,113	Brunner, Gordon Francis	2,157,465
Asahi, Hitoshi	2,187,028	BELSER, Robert S.	2,197,891	Buckwalter, Michael E.	2,102,847
Ash, Gerald Richard	2,195,592	Beltronics, Inc.	2,015,162	Burbach, Frank	2,047,697
ASTRAZENECA AB	2,282,890	BENNETT, ADAM J.	2,224,615	Burkard, Edward A.	2,192,724
ASTURIANA DE ZINC, S.A.	2,158,671	Bennett, Frances K.	2,069,428	BURKE, Kim Marie	2,221,918
AT&T CORP.	2,158,499	Bennetto, Peter	2,160,094	Burnouf, Thierry	2,018,511
AT&T CORP.	2,189,489	BERG, Charles John	2,221,918	Burnouf, Thierry	2,024,667
AT&T CORP.	2,195,592	Berndt, Klaus W.	2,101,886	Burnouf-Radosevich, Miryana	2,024,667
AT&T CORP.	2,203,577	BEVIS, Arthur	2,213,643	BURT, Michael Graham	2,199,506
AT&T CORP.	2,209,326	Bewick-Sonntag, Christopher	2,194,364	BURTON, Wendel L.	2,208,494
AT&T CORP.	2,227,495	BHAGA, Dahya	2,205,729	Butler, Geoffrey D. H.	2,112,983
ATHABASCA OIL SANDS INVESTMENTS INC.	2,224,615	BIO HOLDINGS INTERNATIONAL, LTD.	2,186,641	Butler, Laura J.	2,121,672
Atkins, David L.	2,158,499	Birbaum, Jean-Luc	2,040,774		
		Bishop, Robert	2,015,162		

Index of Canadian Patents Issued July 31, 2001

BUTLER, Rickey	2,213,643	Daiichi Pharmaceutical Co., Ltd.	2,059,305	Federico, Dominique	2,115,495
Butow, Klaus-Dieter	2,175,273	DAIKIN INDUSTRIES LTD.	2,233,618	Ferrer, Olga M.	2,009,368
Calgon Carbon Corporation	2,019,843	DANA CORPORATION	2,156,548	FIDIA S.P.A.	1,341,276
Camenzind, Hugo	2,045,717	DAVIES, David Arthur Owen	2,207,504	FIDKOWSKI, Zbigniew Tadeusz	
CAMERON, Gordon M.	2,205,729	De Clippeleir, Georges	2,076,671		2,251,436
CANADIAN OCCIDENTAL PETROLEUM LTD.	2,224,615	De Groote, Jan Lieven Bert	2,105,699	FIGGE, Rainer	2,202,383
CANADIAN OIL SANDS INVESTMENTS INC.	2,224,615	DE JONG, Jeroen P.J.	2,223,997	Fina Research, S.A.	2,076,671
CANON KABUSHIKI KAISHA	2,113,960	De Lacharrière, Olivier	2,159,555	Finkelstein, Ronald S.	2,192,724
CANON KABUSHIKI KAISHA	2,174,181	DE LAFORCADE, Vincent	2,216,007	FISHER, Kim James	2,230,267
CARRAZZA, Jose	2,233,699	de Rigal, Jean	2,149,600	Fitzgibbon, Chester M.	2,148,626
CARSTENSEN, Peter T.	2,222,891	DE VRIES, Isabel	2,223,997	Fleischman, Sidney D.	2,174,131
CASS, S. Thornton	2,228,057	DEGRASSE, Steven E.	2,232,648	Foote, Dean	2,056,043
Castellano, Thomas P.	2,184,579	Dekoninck, Philippe	2,030,729	Ford, Ronald N.	2,184,796
Castrol Limited	2,106,036	Della Valle, Francesco	1,341,276	Forslund, Robert Lyle	2,147,434
Centre Régional de Transfusion Sanguine de Lille	2,018,511	Delmas, Olivier Marcel Joseph	2,186,641	FOUKE, Herbert Alan	2,257,038
Centre Régional de Transfusion Sanguine de Lille	2,024,667	Dernis, Dominique	2,018,511	Frank, Alan M.	2,009,368
Centrum För Dentalteknik Och Biomaterial	2,093,922	DEROCCO, Mario	2,200,665	FRANK, Martin Werner	2,221,918
CHA, Kyeong Hoi	2,208,639	DEUTSCHE THOMSON- BRANDT GMBH	2,090,226	FRED M. SCHILDWACHTER & SONS, INC.	2,220,482
Challenge-RMF Inc.	2,041,641	Devore, Dale P.	2,035,986	Frihart, Charles R.	2,109,203
Chambers, Leon E., Jr.	2,044,076	DIACHINA, JOHN WALTER	2,296,857	Fritz, Raimund	2,193,711
CHAN, Edward W.	2,224,615	Dickenson, F. Lee	2,044,076	FUJIHARA, Shiro	2,221,282
Chang, Frank N.	2,082,956	DIGITAL SECURITY CONTROLS LTD.	2,200,994	FUJII, Takanori	2,234,277
CHANG, Li-Fung	2,247,165	Dinkelborg, Ludger	2,194,294	FUKUI, Takayuki	2,230,369
CHEMICAL LIME COMPANY	2,232,302	DIRK, Raymond John	2,240,072	Furuie, Dai	2,080,933
Chesworth, Ward	2,098,511	Ditzel, David	2,058,260	Futamura, Tatsuya	2,166,452
CHONG KUN DANG CORP.	2,208,639	Divo, Michael	2,194,364	Garzancich, Derick	2,160,094
Cianciosi, Steven J.	2,129,661	Doughty, David Templeton	2,019,843	GATES, Frank Vernon	2,209,326
CIBA SPECIALTY CHEMICALS HOLDING INC.	2,040,774	DRAPER, Robert Edward	2,231,580	GEC ALSTHOM S.A.	2,035,113
CIBA SPECIALTY CHEMICALS HOLDING INC.	2,045,717	DRAW-TITE, INC.	2,219,405	Gehret, Michael J.	2,082,956
CILIBERTO, Gennaro	2,218,372	DRECO ENERGY SERVICES LTD.	2,056,043	GELL, Michael Anthony	2,230,267
CLARE, Jonathan Richard	2,210,646	DRECO ENERGY SERVICES LTD.	2,160,417	GENENCOR INTERNATIONAL, INC.	2,033,658
CLOPAY PLASTIC PRODUCTS COMPANY, INC.	2,235,595	Dreyer, John F., Jr.	2,038,802	GENENTECH, INC.	2,122,058
Cmelik, Robert	2,058,260	DU PONT (E. I.) DE NEMOURS AND COMPANY	2,029,550	GENERAL ELECTRIC CANADA INC.	2,231,580
Coates, Don Mayo	2,029,550	Dumoux, Philippe	2,115,495	GENERAL ELECTRIC COMPANY	2,012,234
COGEN, JEFFREY MORRIS	2,278,558	Dupuis, Christine	2,149,599	GENERAL ELECTRIC COMPANY	2,053,610
Coles, Peter	2,194,364	E.I. DU PONT DE NEMOURS AND COMPANY	2,030,668	GENERAL ELECTRIC COMPANY	2,070,435
COLLAGENESIS INC.	2,035,986	E.I. DU PONT DE NEMOURS AND COMPANY	2,183,736	GENETIC THERAPY, INC.	2,161,136
COLLINS, Douglas A.	2,237,263	Eck, Herbert	2,182,202	GENETICS INSTITUTE, INC.	2,069,428
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,065,399	ECO AIR LIMITED	2,217,971	GEORGIA-PACIFIC RESINS, INC.	2,211,198
Conder, Michael J.	2,129,661	EECKHOUT, Myriam Gerarda	2,201,329	GETMAN, Igor	2,247,485
Cook, Iain	2,077,650	Eick, Stephen Gregory	2,158,499	GFLT DEVELOPMENTS (PTY) LIMITED	2,160,094
Cook, Phillip Dan	2,121,144	Ejima, Akio	2,059,305	GLEN, ROBERT CHARLES	2,282,890
Copperthwaite, Richard George	2,040,128	ELECTRONICS FOR IMAGING		Gluckman, Peter	2,122,058
CORDOVA, Jose	2,233,699	ELIMAR, Kjeld	2,043,180	GOSSE, DARRYL	2,220,392
CORNELL, Paul A.	2,245,945	ELLIS, Andrew David	2,201,370	Gould, Bruce	2,041,641
CORNELL, Robert W.	2,205,842	ELLIS, William J.	2,225,686	Grauman, Joyce A.	2,121,672
Costea, Helene Karin	2,194,364	ELSAIG INTERNATIONAL N.V.	2,212,939	GRINNA, LYNN S.	2,276,548
Cotteret, Jean	2,167,648	EMBERLEY, Douglas A.	2,224,615	Grollier, Jean-Francois	1,341,278
Courgnaud, Valérie	2,055,612	ENAMELON, INC.	2,224,274	Groose, James Edward	2,019,843
CRAFT ORIGINATORS INC.	2,228,057	ENDRESS + HAUSER GMBH + CO.	2,247,485	Guiolet, Alain	2,149,600
Crocker, David A.	2,105,905	ENPAR Technologies Inc.	2,098,511	GULF CANADA RESOURCES LIMITED	2,224,615
CULPEPPER, Will L.	2,218,071	ESC Medical Systems Ltd.	2,144,209	Gunderson, Stephen H.	2,157,716
		Ewaschuk, William John	2,176,319	GUNTHER, Hans-Ulrich	2,218,571
		Excel Switching Corporation	2,150,541	GUTMAN, Edward J.	2,229,323
		Falter, Wolfgang	2,082,516	HAAG, Volker	2,218,571
		FANGMANN, Robert E.	2,202,591	HAH, Jeong Mi	2,208,639
				HALL, Charles A.	2,197,891

**Index des brevets canadiens délivrés
31 juillet 2001**

HANDLEY, Luke	2,200,994	HULINGS, Robert J.	2,266,784	Kelly, Edmund	2,058,260
HANNON, Gregory E.	2,236,804	HURT, Timothy W.	2,241,667	Kelman, Charles D.	2,035,986
Hara, Takuya	2,187,028	Hutchings, Graham John	2,040,128	Kennedy, David W.	2,024,100
Harris, Martin Russell	2,079,882	HUTTENLOCHER, Daniel P.	2,199,437	KENNETT, R. Douglas	2,224,615
Harrison, Boyd L.	2,016,908	IIDA, Kozo	2,239,700	KEOGH, MICHAEL JOHN	2,278,558
Harriss, Paul	2,009,368	Ikeda, Kazuhiro	2,104,744	Kicklighter, Kevin C.	2,150,541
HARTEN, ELGIN	2,276,867	IMPERIAL OIL RESOURCES	2,224,615	KIM, Hee Jin	2,208,639
Hartland, David Julian	2,078,894	INABA, Kimio	2,253,972	KIM, Jong Min	2,208,639
HASERODT, Kurt H.	2,208,912	Inamoto, Tadayoshi	2,174,181	KIM, Joon Kyum	2,208,639
HASKELL, Barin Geoffry	2,227,495	Indena S.p.A.	2,035,951	KIM, Myoung Goo	2,208,639
Hastings, Otis H.	2,072,024	Inglin, Thomas Alfred	2,157,465	KIM, Sungjoon	2,233,709
HATAKEYAMA, Seishi	2,230,369	INSTITUT FUR		KIMBERLY-CLARK	
HEEKS, George J.	2,229,323	DIAGNOSTIKFORSCHUN		WORLDWIDE, INC.	2,044,076
HEHL, KARL	2,101,768	G GMBH AN DER FREIEN		Kimura, Makiko	2,174,181
HEIDELBERG PHARMA		UNIVERSITÄT BERLIN	2,194,294	Kishida, Tatsuji	2,176,188
HOLDING GMBH	2,023,944	INSTITUT NATIONAL DE LA		Kitazawa, Toshiyuki	2,065,984
HELMSTÄDTER, Maximilian	2,229,634	SANTE ET DE LA		Kitazawa, Toshiyuki	2,066,064
HENKEL		RECHERCHE MEDICALE		KITTELBERGER, J. Stephen	2,229,323
KOMMANDITGESELLSC		(INSERM)	2,055,612	Klem, Robert E.	1,341,279
HAFT AUF AKTIEN	2,009,688	INSTITUT PASTEUR	2,055,612	Klemmer, Robert A.	2,054,506
HENKEL		INTEVEP, S.A.	2,233,699	KM Europa Metal AG	2,225,464
KOMMANDITGESELLSC		Ishiba, Teruyuki	2,072,945	Koch, Edith	2,023,944
HAFT AUF AKTIEN	2,047,697	ISHIDA, Nobuyuki	2,230,369	Koike, Haruo	2,072,945
HENKEL		ISHII, Toshio	2,230,369	Kolberg, Thomas	2,041,891
KOMMANDITGESELLSC		ISHIOKA, Munehiro	2,230,369	Kong, Shing	2,058,260
HAFT AUF AKTIEN	2,082,516	ISIS PHARMACEUTICALS,		Koyama, Yoshinari	2,125,419
Henklein, Peter	2,194,294	INC.	2,121,144	Krassowski, Andrew J.	2,120,232
HENRY, Arnold W.	2,229,323	Istituto di Ricerche di Biologia		Krumwieg, Dorothee	2,041,989
HER MAJESTY THE QUEEN		Molecolare P. Angeletti		Kühl, Gilbert	2,183,736
IN RIGHT OF CANADA		S.p.A.	2,218,372	KUNAS, Kurt T.	2,199,397
AS REPRESENTED BY		ITT Flygt AB	2,190,442	KURARAY CO., LTD.	2,234,326
THE MINISTER	2,225,611	Ivers, Douglas E.	2,081,219	KUSHNIR, Lawrence M., Jr.	2,226,030
Herlinger, Heinz	2,183,736	IVOCLAR AG	2,213,372	KUWANA, Teruhisa	2,230,369
Herold, Claus-Peter	2,009,688	IWASAKI, Motoya	2,214,163	Kvaerner Pulping AB	2,180,243
Herold, Claus-Peter	2,047,697	J. L. Clark, Inc.	2,199,553	Lacaze, Alain	2,035,113
Herrmann, Dieter	2,023,944	Janes, Robert D., Sr.	2,162,519	LAFORTUNE, Luc Jean Joseph	2,231,580
Heuvel, Johan G. F.	2,024,812	Janoski, Ronald J.	2,012,348	LAING, John R.	2,229,323
Heyche, Albert	2,030,729	Jasbinsek, John	2,037,860	Lambeir, Anne-Marie Virginie	
Hilger, Christoph Stephan	2,194,294	JAVITT, Joel I.	2,203,577	Renee	2,033,658
HILL, ALAN PETER	2,282,890	JEW, Sang Sup	2,208,639	Lambert, Bart	2,079,877
Hino, Hirotsugu	2,157,422	JROMARU, Kazumi	2,230,369	Lancaster, Patrick R., III	2,162,519
Hirai, Isamu	2,065,984	Jodlbauer, Franz	2,182,202	LANCASTER, Patrick R., III	2,232,648
Hirai, Isamu	2,066,064	JOHNSON, Kirk A.	2,241,667	Lantech, Inc.	2,162,519
Hirai, Kentaro	2,072,945	JOHNSON, Wendy M.	2,225,611	Lantech, Inc.	2,232,648
HIRAYA, Akira	2,230,369	JOIST, Michael	2,218,571	Lasters, Ignace	2,033,658
HIRSCH, Mark J.	2,229,323	Jolly, Mark R.	2,081,219	Latteur, Alain	2,030,729
Hirt, Peter	2,183,736	JONASSON, KEVIN	2,224,615	LEACH, James R.	2,228,057
HITACHI CABLE, LTD.	2,253,972	JONES, M. Lee	2,211,168	Leblanc, Marcel	2,192,427
HOFF, ANDERS CARL ERIC	2,296,857	Jones-Savard, Pierre	2,073,525	LEE, David D.	2,233,709
Hogan, John M.	2,106,036	JORGENSEN, Leroy Alfred	2,237,570	LEE, Hee Soon	2,208,639
HOGENKAMP, Henricus Petrus		JUDY, Arthur F.	2,202,591	LEE, Kwang Kyun	2,208,639
Cornelis	2,237,263	Kabushiki Kaisha T AN T	2,198,970	LEE, Kyeongho	2,233,709
Hoke, Glenn Dale, Jr.	2,121,144	KABUSHIKI KAISHA TOKAI		LEE, Myeong-hwan	2,238,451
Holdsworth, Melvyn	2,036,988	RIKA DENKI		Lennox, Charles D.	2,067,110
HOLOPHANE CORPORATION		SEISAKUSHO	2,166,452	Leveque, Jean-Luc	2,149,600
	2,257,038	KABUSHIKI KAISHA		Levy, Guy	2,019,334
HONDA GIKEN KOGYO		YAKULT HONSHA	2,059,305	Licavoli, Dominic	2,156,548
KABUSHIKI KAISHA	2,234,277	Kabushikikaisha Ueno Seiyaku		LIFECOR, INC.	2,266,784
Honjo, Kazushi	2,176,188	Oyo Kenkyujo	2,041,240	Lin, Nancy	2,107,553
Hopf, Heinrich	2,182,202	KANEHIRA, Koichi	2,234,326	LIPPER, Edward	2,247,165
HOWARD, John	2,203,801	Katona, Paul	2,037,860	LOPATIN, Sergej	2,247,485
HOYT, Matthew B.	2,208,494	Kawakami, Akinori	2,104,744	Lord Corporation	2,081,219
Huang, Shyh-Chin	2,012,234	Kayahara, Toshihiro	2,104,744	L'OREAL	1,341,278
Huber, Roland	2,193,711	Kayahara, Toshihiro	2,157,422	L'OREAL	2,149,599
HUEGE, Fred R.	2,232,302	Keefe, Kevin Michael	2,120,475	L'OREAL	2,149,600
HUFFMAN, Gary A.	2,203,801	Keesen, Heinz-Werner	2,090,226	L'OREAL	2,159,555

Index of Canadian Patents Issued July 31, 2001

L'OREAL	2,167,648	MEDERER, Herbert	2,268,533	NEUN, John A.	2,222,891
L'OREAL	2,216,007	MEGENS, Johannes Hendrikus	2,200,694	Neuss, Michael	2,047,697
Loublier, Marc	2,077,083	MENICH, Barry J.	2,229,815	NIELSEN, Bjarne	2,201,370
LOVE, Robert T.	2,229,815	MERCK & CO., INC.	2,129,661	NIELSEN, Larry E.	2,221,317
LUCENT TECHNOLOGIES INC.	2,202,591	Metallgesellschaft		NIENKÄMPER FURNITURE & ACCESSORIES INC.	2,176,319
LUCENT TECHNOLOGIES INC.	2,208,912	Aktiengesellschaft	2,041,891	Nikolics, Karoly	2,122,058
LUCENT TECHNOLOGIES INC.	2,213,588	Meteyer, Thomas Edward	2,048,484	NIPPON STEEL CORPORATION	2,187,028
LUCENT TECHNOLOGIES INC.	2,219,270	Metz, Lambert J.	2,192,724	Nissan Chemical Industries, Ltd.	2,125,419
LUCENT TECHNOLOGIES INC.	2,236,315	Metzger, Marcus	2,193,711	NKK CORPORATION	2,230,369
LUKANDER, Pertti S.	2,247,165	MICROSOFT CORPORATION	2,121,672	NO Fire Engineering, Inc.	2,072,024
Lum, Andrew F.	2,106,036	Miller, James F.	2,106,036	Nobles, Charles M.	2,081,219
Lumb, Douglas	2,019,474	Miller, Lane R.	2,081,219	Noé, Ernst-Ludwig	2,136,232
LYNCH, Michael A.	2,236,315	MILLS, Jeffrey S.	2,212,939	NOERPEL, Anthony Robert	2,247,165
MACLELLAN, John Austin	2,219,270	Minato, Nobuhiro	2,059,220	NOGUCHI, Yoshihiro	2,241,967
MACROVISION CORPORATION	2,234,972	MINNESOTA MINING AND MANUFACTURING COMPANY	2,038,802	NOJIMA, Shigeru	2,239,700
MACROVISION CORPORATION	2,243,280	MINOR, Raymond B.	2,236,804	NOKIA MOBILE PHONES LTD.	2,247,165
Madonna, Robert P.	2,150,541	Misset, Onno	2,033,658	NOLL, Brad L.	2,241,667
MAEDA, Ryuzo	2,217,021	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,239,700	NOMA, Nobuhiko	2,245,900
Makino, Chiho	2,014,680	Miura Co. Ltd.	2,104,744	NORDSON CORPORATION	2,197,891
Malden Mills Industries, Inc.	2,019,474	Miura Co., Ltd.	2,157,422	NORTEL NETWORKS LIMITED	2,133,483
Maloon, Roger Earl	2,070,435	MMTC Inc.	2,106,680	NORVELL, Craig Orrin	2,237,570
MAMCHYCH, Victor	2,254,705	MOCAL ENERGY LIMITED	2,224,615	OBAYASHI, Yoshiaki	2,239,700
Margail, Guy	2,077,083	Molex Incorporated	2,054,506	Ohsuki, Satoru	2,059,305
MARINO, Marian	2,233,699	Montlick, Terry F.	2,120,232	OI, Toshihiko	2,230,369
MARKOS, Ronald M.	2,226,030	MOORE, Bernard John	2,231,580	OISHI, Hitoshi	2,230,369
MARTIN, Curtis	2,232,648	Mori, Shigeki	2,014,680	OK, Kwang Dae	2,208,639
MARTIN, GRAEME RICHARD	2,282,890	MORII, Atsushi	2,239,700	OKUTOMI, Hiroshi	2,216,427
MARTIN, Lawrence L.	2,218,663	MORITA, Izuru	2,217,021	OKUYAMA, Yoshinari	2,234,851
MARUYAMA, Iwao	2,234,277	MOROSAWA, Kenichi	2,253,972	Ollmar, Stig	2,093,922
Marvin, William	1,341,279	MORTELLITE, Robert M.	2,235,595	Olson, Daniel Henry	2,091,838
MARZIN, Roger	2,233,699	Morykwas, Michael J.	2,121,688	OPTISCAN PTY LTD	2,079,882
Matsubara, Shigetoshi	2,176,188	MOTOROLA, INC.	2,229,815	ORICA AUSTRALIA PTY LTD	2,077,650
Matsudo, Nobuhiko	2,066,064	Mrabet, Nadir	2,033,658	ORION WESTFALLIA SURGE CO., LTD.	2,120,475
MATSUO, Kazuhide	2,234,277	Mudd, Patrick J.	2,192,724	ORLOFF, Leslie M.	2,220,482
MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	2,216,427	Mueller, Heinz	2,009,688	OSHIZAWA, Hidekazu	2,221,339
MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	2,241,967	Mueller, Heinz	2,047,697	OSKIN, Emil	2,266,784
MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	2,245,900	MULRENIN, Peggy S.	2,211,198	OWENS-ILLINOIS CLOSURE INC.	2,093,736
Matsuzawa, Minoru	2,120,475	Multilift Oy	2,006,923	PALERMO, Mark G.	2,218,663
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	2,237,263	Multiserv International PLC	2,112,983	PALEY, Gary	2,220,482
MAYTAG CORPORATION	2,199,659	MUNTER, ERNST AUGUST	2,133,483	Palmgren, Anders	2,180,243
MAZURA, Paul	2,218,571	MURPHY OIL COMPANY LTD.	2,224,615	PAN ELECTRIC CORPORATION	2,245,945
McClelland, Alan	2,161,136	Muruzabal Sitges, Covadonga	2,158,671	PANARELLO, Salvatore C.	2,222,891
McCRACKEN, THOMAS WILLIAM	2,224,615	MUSHABEN, Thomas G.	2,235,595	Panescu, Dorin	2,174,131
McGready, Roland Keith	1,341,277	Mustich, Giuseppe	2,035,951	PAONESSA, Giacomo	2,218,372
McGREGOR, Gordon L.	2,236,804	Nagamine, Hisayuki	2,137,408	Parab, Prakash V.	2,068,763
McKenzie, Archibald M.	2,076,223	NAITO, Osamu	2,239,700	Parthasarathy, Venketa R.	2,111,519
McKenzie, Paul Donald	2,076,223	NAKADA, Tatsuo	2,233,618	Paul, Stephan R.	2,069,428
McMillan, Charles F.	2,009,368	Nakai, Tetsushi	2,104,744	Payne, LeRoy	2,040,666
McMillin, Carl Kenneth	2,029,550	Nakano, Satoshi	2,065,984	Peferoen, Marnix	2,079,877
MEDERER GMBH	2,268,533	Nakano, Satoshi	2,066,064	PEREIRA, Pedro	2,233,699
		Nakata, Yoshie	2,174,181	Persinger, Richard A.	2,106,036
		Naor, Yeziel	2,019,474	PETERSON, John	2,200,994
		Naphtachimie S.A.	2,077,083	Petra, Elke	2,175,273
		Nason, Frederic L.	2,075,193	PETRO-CANADA	2,224,615
		NATIONAL GYPSUM PROPERTIES LLC	2,192,724	PETROZYME TECHNOLOGIES INC.	2,229,761
		Navaratnam, Ramesh A.	2,106,036	PFEIFER, Klaus	2,218,571
		NEC CORPORATION	2,208,382	PFEIFFER, Helmut	2,247,485
		NEC CORPORATION	2,214,163	Pham, Van Doan	2,035,113
		NEC CORPORATION	2,221,282		
		NEFF, EDWARD A.	2,308,664		
		NEMOTO, Peter A.	2,218,663		

Index des brevets canadiens délivrés 31 juillet 2001

Piana, Hermann	2,183,736	SAKAI, Tsukasa	2,245,900	Sklar, H. Alfred	2,009,368
Pierobon, Victor	2,132,180	SAKAKIBARA, Toshikazu	2,221,339	Slongo, Mario	2,040,774
PIONEER HI-BRED INTERNATIONAL, INC.	2,203,801	SAMMARCO, ANTHONY J.	2,296,857	SMITH, Francis V.	2,218,844
Pisk, Eric T.	2,129,661	SAMSUNG ELECTRONICS CO., LTD.	2,238,451	Smith, George A.	2,109,203
PLANT GENETIC SYSTEMS N.V.	2,033,658	Sandeen, Lowell	2,055,143	SMITH, Gerald F.	2,225,686
Plant Genetic Systems N.V.	2,079,877	Sanyo Electric Co., Ltd.	2,176,188	Smith, Justin P.	2,135,934
Plemmons, Larry Wayne	2,070,435	SASSEN, Cornelis Laurentius	2,223,997	SMITH, Robert B.	2,213,502
PLUYTER, Johan Gerwin Lodewijk	2,201,329	Sato, Osamu	2,065,984	SOMMER & MACA INDUSTRIES, INC.	2,184,796
POHL, Douglas A.	2,199,659	Sato, Osamu	2,066,064	Sonigo, Pierre	2,055,612
Popielski, Stanley E.	2,036,988	Saulas, Alain	2,014,402	Speck, Ulrich	2,194,294
Powell, Michael	2,058,260	SAVINO, Rocco	2,218,372	Spencer, Dennis I.	2,128,005
Prange, Wilfried	2,038,842	SAWADA, Toshihisa	2,216,427	SPIELMAN, Harold W.	2,218,844
Precision System Science Co., Ltd	2,151,324	Schachheim, Hans	2,038,842	STANFORD, Charles O.	2,199,659
PRESTON, Kevin W.	2,235,595	SCHANK, Richard L.	2,229,323	Star Semiconductor Corporation	2,120,232
PROMEGA BIOSCIENCES, INC.	1,341,279	SCHARFE, Merlin E.	2,229,323	Stav, Elisha	2,192,724
PUMPWORKS, INC.	2,213,502	Schiffer, Steven	2,009,368	Sterzer, Fred	2,106,680
PURI, Atul	2,227,495	SCHILLING, Bernd	2,202,383	Stevenson, Susan C.	2,161,136
Purnell, Peter Leslie	2,112,983	SCHMIDT, Kenneth R.	2,219,405	STREITMAN, Lawrence R.	2,226,030
QUAN, Ronald	2,234,972	SCHMIDT, Robert Lewis	2,227,495	STUDER, Richard L.	2,206,905
QUAN, Ronald	2,243,280	SCHMITKONS, James W.	2,197,891	Sturm, Joseph	2,038,842
Quax, Wilhelmus Johannes	2,033,658	Schmitz, Heinrich	2,038,842	SU, Laiping	2,231,652
Quinn, Edwin J.	2,102,847	Schone, Rainer Walter Max	2,194,364	Sugitani, Hiroshi	2,174,181
Ragland, Frank Rowland, Jr.	2,029,556	SCHONE, Rainer Walter Max	2,197,648	SULLIVAN, Paul J.	2,213,502
Rahimzadeh, Bizhan	2,059,656	Schreiber, William F.	2,043,180	SUN MICROSYSTEMS, INC.	2,058,260
Raisio, Reijo	2,006,923	SCHROEDER, John Gregory	2,234,851	SUNSTAR KABUSHIKI KAISHA	2,014,680
Rausch, Werner	2,041,891	Schroeder, Karl-Heinz	2,082,516	Suter, Robert	2,076,223
Redgrave, Christopher A.	2,156,548	Schroff GmbH	2,218,571	Sütterlin, Klaus	2,193,711
REEDER, Anthony Andrew	2,230,267	Schubach, Peter	2,041,891	SUZUKI, Hideyuki	2,230,369
REFI, James Joseph	2,202,591	Schulte, Thomas H.	2,101,886	Suzuki, Keitaro	2,125,419
Refrigerant Recovery Corporation of America	2,084,088	Schultz, David Arthur	2,120,475	Swank, Harry Robert	2,029,538
REITER, Ullrich	2,225,464	Schumacher, Robert	2,184,579	Swanson, David K.	2,174,131
RESEARCH CORPORATION TECHNOLOGIES, INC.	2,214,713	Schumacher, Rolf	2,045,717	SYSMEX CORPORATION SYSTEMS, MACHINES, AUTOMATION COMPONENTS CORPORATION	2,080,933 2,308,664
RHEINBERGER, Volker	2,213,372	Schwarz, Peter	2,136,232	Szentivanyi, Zsolt	2,019,367
RICE, David Earl	2,220,061	Schweidler, Siegfried	2,090,226	Szirmai, Stephen George	2,065,399
RIDLEY, Rodney K.	2,200,665	Schweitzer Engineering Laboratories, Inc.	2,173,645	Tajima, Hideji	2,151,324
Rienecker, Fred	2,009,368	Schweitzer, Edmund O., III	2,173,645	TAKAGI, Genzou	2,241,967
Ringer, Richard M.	2,102,847	SCOTT, Vernon R.	2,213,502	TAKAGI, Genzou	2,245,900
ROBERTSON, ALAN DUNCAN	2,282,890	SEB S.A.	2,115,495	Takahashi, Akio	2,065,984
ROBINSON, Glenn	2,218,071	SELIG, Manfred	2,202,383	Takahashi, Akio	2,066,064
ROBINSON, H. English Jr.	2,211,168	Semmler, Wolfhard	2,194,294	Takahashi, Kazuyoshi	2,113,960
Robinson, Jeffrey I.	2,120,232	Sensui, Takayuki	2,065,984	TAKAI, Kazuhito	2,221,282
Rock, Moshe	2,019,474	Sensui, Takayuki	2,066,064	TAKANO, Tsunesuke	2,198,970
Rocklin, Mark Stephen	2,070,435	SFK-DANFÓTECH A/S	2,201,370	Takata, Koichi	2,176,188
Roden, Dennis J.	2,038,802	SGRIGNOLI, Gary J.	2,221,317	Talmore, Eli T.	2,144,209
Rodriguez Valcarcel, Matias	2,158,671	Shelp, Barry Jess	2,098,511	TAMAI, Yoshin	2,234,326
Rody, Jean	2,040,774	Shelp, Gene Sidney	2,098,511	Tamargo Garcia, Francisco	2,158,671
Rohde, Ernst	2,019,367	SHIGETA, Toshiyuki	2,217,021	Tamehiro, Hiroshi	2,187,028
ROHRBAUGH, David	2,220,210	SHIMIZU, Shinichiro	2,231,652	Tanaka, Junji	2,176,188
ROLFLEX NEDERLAND B.V.	2,200,694	Shin Caterpillar Mitsubishi Ltd.	2,217,021	Tanaka, Osamu	2,104,744
Romeo, Aurelio	1,341,276	SHIN, Yeshik	2,233,709	TANIGUCHI, Noboru	2,221,339
Roper, Ralph E.	2,023,675	Shionogi Seiyaku Kabushiki Kaisha	2,072,945	TARK, John R.	2,197,891
ROSS, Michael R.	2,213,588	SHIRAIWA, Hiroki	2,249,151	TCF Axial Division, Inc.	2,024,100
Rouse, Keith	2,120,232	Shishikura, Takenao	2,065,984	TECHNO SUD INDUSTRIES TELCORDIA TECHNOLOGIES, INC.	2,030,729 2,247,165
ROZEE, Kenneth R.	2,225,611	Shishikura, Takenao	2,066,064	TELEFONAKTIEBOLAGET LM ERICSSON	2,296,857
RUCKLIDGE, William J.	2,199,437	Siebold, Bernhard	2,041,989	TEMPLE UNIVERSITY	2,082,956
Rudie, Glenn F.	2,111,519	SIEMENS AKTIENGESELLSCHAFT	2,136,232	Terada, Yoshio	2,187,028
Russell, Deborah A.	2,118,119	SILICON IMAGE, INC.	2,233,709	Terasawa, Hirofumi	2,059,305
SAITO, Atsushi	2,208,382	Silvasi, Michael L.	2,156,548		
		SINGH, AJAY	2,229,761		
		SINZAWA, Kouichi	2,198,970		
		Sitges Menendez, Fernando	2,158,671		
		Sjoblom, Torbjorn	2,190,442		

Index of Canadian Patents Issued July 31, 2001

Tewalt, Gregory L.	2,129,661	TORTOSA, Pedro J.	2,229,272	WARD, OWEN P.	2,229,761
Texas Industries, Inc.	2,105,905	TOTTORI SANYO ELECTRIC CO., LTD.	2,176,188	WARNER, Roy K.	2,245,945
THALAU, Klaus-Michael	2,218,571	Towhaul Corporation	2,218,844	Watanabe, Masamichi	2,072,945
THE BOARD OF REGENTS OF THE UNIVERSITY OF WASHINGTON	2,107,553	TOYO GLASS COMPANY LIMITED	2,059,220	Watanabe, Takashi	2,113,960
THE BOC GROUP PLC	2,027,603	TOYODA, Kiyoshi	2,216,427	Watanabe, Yoshitane	2,125,419
THE MEAD CORPORATION	2,014,402	Traub, Hansjörg	2,183,736	WAUBEN, Johan Juliaan Serafin	2,210,646
THE MEAD CORPORATION	2,111,519	Tremco Incorporated	2,012,348	WAUGH, David T.	2,220,482
THE MEAD CORPORATION	2,218,071	Trench Shoring Systems, Inc.	2,128,005	Waymouth, John F.	2,024,859
THE PROCTER & GAMBLE COMPANY	2,157,465	Trinh, Toan	2,157,465	WEISS, Udo	2,218,571
THE PROCTER & GAMBLE COMPANY	2,194,364	TRINH, Toan	2,202,507	Wendel, Thomas	2,041,891
THE PROCTER & GAMBLE COMPANY	2,197,648	TRW AUTOMOTIVE SAFETY SYSTEMS GmbH	2,193,711	Wenzel, Kenneth Hugo	2,056,043
THE PROCTER & GAMBLE COMPANY	2,201,329	TYLER, Shaun D.	2,225,611	Wenzel, Kenneth Hugo	2,160,417
THE PROCTER & GAMBLE COMPANY	2,202,507	UCHIYAMA, Hirotaka	2,234,851	Werner, Edward E.	2,044,076
THE PROCTER & GAMBLE COMPANY	2,210,646	Ueno, Ryuji	2,041,240	Wershofen, Thomas	2,082,516
THE PROCTER & GAMBLE COMPANY	2,220,061	UJITA, Katuji	2,234,326	WESTINGHOUSE AIR BRAKE COMPANY	2,226,030
THE PROCTER & GAMBLE COMPANY	2,221,918	Uden, Bjorn	2,190,442	Whayne, James G.	2,174,131
THE PROCTER & GAMBLE COMPANY	2,234,851	UNILEVER PLC	2,223,997	WHISTANCE-SMITH, WALLACE JOHN	2,275,453
THE PROCTER & GAMBLE COMPANY	2,240,072	Union Camp Corporation	2,109,203	WHY WRAP? INCORPORATED	2,211,168
THE QUAKER OATS COMPANY	2,199,397	UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY CORPORATION	2,278,558	Williams, Christopher	2,122,058
THE REGENTS OF THE UNIVERSITY OF MINNESOTA	2,237,263	UNIVERSITY OF WASHINGTON	2,135,934	Wills, Graham John	2,158,499
Themistocleous, Themistoclis	2,040,128	Uoto, Kouichi	2,059,305	Winkowski, Daniel A.	2,192,724
THERMO FIBERTEK INC.	2,222,891	URCH, John Francis	2,217,971	WINSTON, Anthony E.	2,224,274
Thevenin, Jean-Marie	2,115,495	Uribe, Juan M.	2,106,036	Wisneski, Tony J.	2,044,076
THOENI, Stewart	2,212,939	USEN, Norman	2,224,274	Wood, David C.	2,173,645
Thompson, Robert C.	2,118,119	Valet, Andreas	2,040,774	WOOD, William F.	2,214,713
THOMSON CONSUMER ELECTRONICS, INC.	2,029,534	Van Audenhove, Katrien	2,079,877	WROBLESKI, William	2,243,280
THOMSON CONSUMER ELECTRONICS, INC.	2,029,538	Van Der Laan, Jan Metske	2,033,658	Wynn, Woodson Dale	2,189,489
THOMSON CONSUMER ELECTRONICS, INC.	2,029,556	VAN MEETEREN, Johanna Antonia	2,223,997	XEROX CORPORATION	2,199,437
Thormer, Joachim	2,019,367	Van Parys, Hans Achiel Gilberte	2,105,699	XEROX CORPORATION	2,229,323
THYSSEN STAHL AKTIENGESELLSCHAFT	2,038,842	Van Thillo, Hugo	2,076,671	Xoma Corporation	2,276,548
TI GROUP AUTOMOTIVE SYSTEMS CORPORATION	2,157,716	Vandewege, Jan Alfons Oda	2,105,699	YABATA, Yoji	2,198,970
TIEBEN, James B.	2,246,100	VANDUSEN, John G.	2,229,323	Yamamoto Engineering Works Co., Ltd.	2,137,408
TIFFEN MANUFACTURING CORPORATION	2,053,560	VANNUCCI, Giovanni	2,219,270	YAMAMOTO, Akinori	2,233,618
Tiffen, Ira	2,053,560	Variperm (Canada) Limited	2,220,392	Yamamoto, Koichi	2,137,408
Tindale, Neil	2,030,668	VARMA, Vijay Kerala	2,247,165	YAMAMOTO, Masaki	2,249,151
Todack, James J.	2,084,088	Velardo, Patrick Michael, Jr.	2,189,489	Yamamoto, Masato	2,065,984
TOMONAGA, Shinichi	2,230,369	Velez, Manuel A.	2,102,847	Yamamoto, Masato	2,066,064
TONELLO SNC DI TONELLO OSVALDO & C.	2,212,281	Verhaege, Thierry	2,035,113	Yamanaka, Toshimasa	2,065,984
TONELLO, Osvaldo	2,212,281	VISTEON TECHNOLOGIES, LLC	2,221,339	Yamanaka, Toshimasa	2,066,064
Torgerson, Kevin Laverne	2,120,475	VISX, INCORPORATED	2,009,368	Yanaka, Toshiyuki	2,113,960
TORONTO HYDRO- ELECTRIC SYSTEM LIMITED	2,213,643	Von Au, Günter	2,182,202	YANG, Kung Chi	2,239,404
		von Tapavicza, Stephan	2,009,688	Yang, Yu-Chung	2,069,428
		von Tapavicza, Stephan	2,047,697	YAZAKI CORPORATION	2,231,652
		VORTEX INTERNATIONAL, LLC	2,225,686	YAZAKI CORPORATION	2,249,151
		VOSER, Dieter	2,213,372	ZACARIAS, Luis	2,233,699
		W.L. GORE & ASSOCIATES, INC.	2,236,804	ZANGHELLINI, Gerhard	2,213,372
		Wacker-Chemie GmbH	2,182,202	ZAPPALA, Christopher F.	2,236,315
		Wacker-Chemie GmbH	2,202,383	Zebco Division of Brunswick Corporation	2,147,434
		Wade, Brian	2,098,300	ZEER, Ian B.	2,259,776
		WAGHER, Robert D.	2,199,659	Zeimes, Manfred	2,038,842
		WAKE FOREST UNIVERSITY	2,121,688	Zenith Electronics Corporation	2,221,317
		Waldman, Murray	2,053,566	Zeofuels Research (Proprietary) Limited	2,040,128
		Waldman, Suzanne Maureen	2,053,566	Zilch, Harald	2,023,944
		Wall, Robert Allen, Jr.	2,053,610	ZIMMERMANN, Karl	2,229,634
				ZURN INDUSTRIES, INC.	2,241,667

Index of Canadian Laid-Open Applications

July 8, 2001 - July 14, 2001

Index des demandes canadiennes mises à la disponibilité du public

8 juillet 2001 - 14 juillet 2001

ABB		BWG BERGWERK-UND		EVERARD, STEPHEN M.	2,329,377
HOCHSPANNUNGSTECH		WALZWERK		FARWICK, MIKE	2,328,583
NIK AG	2,332,384	MASCHINENBAU GMBH	2,330,777	FATA AUTOMATION S.P.A.	2,331,033
AFSHAR, M. REZA	2,330,771	CALLAHAN, SUSAN L.	2,327,960	FERGUSON, ANDREW	2,333,775
AIGAKI, TOSHIRO	2,293,734	CAMCO INC.	2,295,369	FIX, FREDERICK R.	2,330,981
AKASAKA, NOBUHIRO	2,332,385	CANADIAN IMPERIAL BANK		FOLLETT, BRAD	2,296,151
ALCATEL	2,332,381	OF COMMERCE	2,326,925	FOSCHINI, GERARD JOSEPH	2,327,611
ALSTOM	2,330,460	CARISELLA, JAMES V.	2,330,870	FOSTER, SUJEANNE	2,330,836
ANTENBRING, COLIN	2,330,056	CARROLL, JOHN	2,330,898	FRIEDRICH, JURGEN	2,331,078
APRUZZESE, MARIO	2,296,794	CECCHI, DELBERT R.	2,323,349	FUNK, DAVID R.	2,330,871
ARAVAMUDAN, MURALI	2,327,160	CEVA SANTE ANIMALE	2,330,465	G&H MANUFACTURING,	
ARAVAMUDAN, MURALI	2,327,162	CHAN, NORMAN C.	2,330,263	LTD.	2,330,907
ARMAN, BAYRAM	2,330,261	CHAN, NORMAN C.	2,330,836	GALASSO, MICHAEL B.	2,331,015
ATSUTA, HIROSADA	2,330,912	CHANDER, SHARAT		GELFAND, ERWIN	2,331,012
AVAYA TECHNOLOGY		SUBRAMANIYAM	2,330,173	GENERAL INSTRUMENT	
CORP.	2,330,263	CHEN, CHING-CHEN	2,295,897	CORPORATION	2,330,368
AVAYA TECHNOLOGY		CHENG, ALAN TAT YAN	2,330,345	GERBER, JAMES E.	2,315,970
CORP.	2,330,836	CHESNEAU, LAURENT	2,330,469	GLOBALSTAR, L.P.	2,332,414
AVAYA TECHNOLOGY		CHIANG, HERMAN	2,314,593	GOERLICH'S INC.	2,315,970
CORP.	2,330,981	CHOWN, PETER ARTHUR		GOROSPE, RON	2,330,056
AVDNEKO, MICHAEL	2,330,759	CHARLES	2,295,400	GOROWICZ, JANUSZ P.	2,330,412
AVENTIS BEHRING GMBH	2,331,012	CHUNG-JUNG, YANG	2,295,286	GUHR, WOLFGANG	2,330,891
BANDURA, DMITRY R.	2,326,514	CITAREL, LOUIS	2,330,897	HAAS, JOSEPH WILLIAM JR.	2,330,261
BANICEVIC, NEDO	2,295,369	CLUNIE, GORDON	2,295,909	HAGEMEISTER, MICHAEL	2,332,384
BARANOV, VLADIMIR I.	2,326,514	CONTRAVES SPACE AG	2,330,406	HAMY, JEAN	2,332,382
BARDON, THIERRY	2,330,465	COOK, ROBERT BRADLEY	2,330,870	HAMY, JEAN	2,332,383
BARTHEL, BERND	2,330,736	COUPAL, ANDRÉ	2,295,187	HANLEY, JONATHAN P.	2,330,813
BATAILLE, FRANCOIS	2,330,466	CROUHY, MICHEL	2,326,925	HARING, STEVE	2,330,978
BAUKLOH, DIETER	2,330,777	DAICEN MENBRANE-		HASEGAWA, TAKAYOSHI	2,294,661
BAUMANN, INGO	2,330,736	SYSTEMS LTD.	2,294,661	HEADWORKS, INC.	2,295,381
BEAUQUEY, BERNARD	2,330,462	DAMBRA, JOSEPH JOHN	2,330,759	HERREN, THOMAS R.	2,297,400
BEKURTS, AXEL	2,331,078	DANG, MUC	2,295,369	HEYDUK, HENRY	2,295,188
BELLEFLEUR, PIERRE	2,296,032	DAY, WESLEY WARREN	2,331,009	HIRAI, SHIGERU	2,332,385
BENNETT, ROBB EDWARD	2,330,821	DAY, WESLEY WARREN	2,331,053	HIROSE, CHISAI	2,332,385
BENTERUD, KEVIN	2,314,573	DAY, WESLEY WARREN	2,331,059	HOFFARTH, STEPHAN	2,332,384
BERGERON, PAUL	2,295,328	DEBRAAL, TIMOTHY S.	2,330,871	HOLLISTER, ANNETTE K.	2,330,897
BERKENHOFF GMBH	2,330,736	DECOSTER, SANDRINE	2,330,469	HOLT, DAVID G. L.	2,295,387
BERTEZ, CHRISTOPHE	2,332,382	DEGUSSA-HULS		HOLZNER, RETO	2,330,406
BERTEZ, CHRISTOPHE	2,332,383	AKTIENGESELLSCHAFT	2,328,583	HON TECHNOLOGY INC.	2,330,821
BOIVIN, GILBERT	2,330,460	DELMENICO, PETER	2,330,250	HONDA GIKEN KOGYO	
BOREL, YVES	2,331,012	DELTA ELECTRONICS INC.	2,295,286	KABUSHIKI KAISHA	2,329,957
BOWER, RANDY		DENISCHUCK, JOSETTE	2,293,190	HOOPES, PHILIP K., JR.	2,330,398
KRISTOPHER	2,330,759	DIETRICH, ALFRED T.	2,325,963	HORVATH, CHRISTOPHER	2,316,004
BRASS, JACK	2,329,498	DIUGOSZ, ANDRZEJ A.	2,329,318	HRUSKA, KEVIN	2,295,417
BRASSCORP LIMITED	2,329,498	DO, ROBERT	2,314,573	HUET, JEAN-MAX	2,330,464
BRIDGEVIEW MFG. INC.	2,295,417	DOBBS, SUSAN	2,328,634	HUI, CHI-CHUNG	2,329,318
BRIX, PETER	2,330,752	DOMMANN, ALEX	2,330,406	HYDE, DAVID DONALD	2,330,759
BRIX, PETER	2,330,763	DOMNIER GMBH	2,326,191	ILLINOIS TOOL WORKS INC.	2,329,377
BRIX, PETER	2,330,889	DOUCETTE, DANIEL	2,330,744	IM, JOHN	2,326,925
BRIX, PETER	2,330,896	DOUIN, VERONIQUE	2,330,462	INFINEUM INTERNATIONAL	
BROWN, ROBERT A.	2,330,711	DOUIN, VERONIQUE	2,330,469	LIMITED	2,295,387
BRUNET, DANIEL	2,296,048	DUTAILIER		INTERNATIONAL BUSINESS	
BRUNSWILER, THOMAS	2,330,406	INTERNATIONAL INC.	2,296,032	MACHINES	
		EHLING, PETER	2,330,250	CORPORATION	2,323,349
		EKANAYAKE, V.G. SUNETRA	2,343,439	INTRALASE CORPORATION	2,316,004

**Index of Canadian Laid-Open Applications
July 8, 2001 - July 14, 2001**

ITO, TOKU	2,314,573	MAGNA INTERIOR		PACFAB, INC.	2,330,771
ITO, HIROSHI	2,330,762	SYSTEMS, INC.	2,330,412	PARK, CHAN-WOO	2,295,891
JACK KENNEDY METAL		MAHR, GERNOT	2,295,381	PARKER, THOMAS	
PRODUCTS &		MARCEAU, NORMAND R.	2,330,412	ROBERTSON	2,330,515
BUILDINGS, INC.	2,330,820	MARINO, MICHAEL		PATRITO, DONATO	2,331,033
JACOBS, MERRIT NYLES	2,330,759	ANTHONY	2,330,261	PERROS, MANOUSSOS	2,328,634
JAGER, CHRISTIAN ALBERT	2,331,063	MARTIN, LOUIS-MARIE		PETERSON, WAYNE C.	2,314,464
JAPAN ABSORBENT		JOSEPH	2,295,406	PEUCHERT, ULRICH	2,330,752
TECHNOLOGY		MASOTTI, DAVID F.	2,330,717	PEUCHERT, ULRICH	2,330,763
INSTITUTE	2,331,081	MASSON, FRANCOIS	2,330,466	PEUCHERT, ULRICH	2,330,889
JAPAN SCIENCE AND		MATILE, OLIVIER	2,332,382	PEUCHERT, ULRICH	2,330,896
TECHNOLOGY		MATILE, OLIVIER	2,332,383	PFEFFERLE, WALTER	2,328,583
CORPORATION	2,293,734	MATÉRIAUX BECO INC.	2,295,328	PFIZER INC.	2,328,634
JARMAN, ANDREW	2,314,573	MATSUMOTO, YOSHITADA	2,294,661	PFIZER PRODUCTS INC.	2,331,009
JUTZ, JAKOB	2,330,406	MAUBRU, MIREILLE	2,330,462	PFIZER PRODUCTS INC.	2,331,053
KANSAI TECHNOLOGY		MCCOIGE, CHAD A.	2,330,398	PFIZER PRODUCTS INC.	2,331,059
LICENSING		MCDONALD, STUART		PICKEN, ALAN D.	2,330,412
ORGANIZATION CO.,		GILMOUR	2,330,759	POPP, ROGER C.	2,330,226
LTD.	2,330,866	MCMILLIN, KENNETH L.	2,325,963	POPP, ROGER C.	2,330,724
KENNEDY, JOHN M.	2,330,820	MDS INC.	2,326,514	POPP, ROGER C.	2,330,754
KENNEDY, WILLIAM R.	2,330,820	MERTZEL, ELAINE AUDREY	2,330,897	PRAXAIR TECHNOLOGY,	
KOCHER, LARRY F.	2,330,412	MEYER, HEIDI A.	2,330,744	INC.	2,330,261
KOHLER CO.	2,330,871	MICHELIN RECHERCHE ET		PRAXAIR TECHNOLOGY,	
KONO, MASAKATSU	2,329,957	TECHNIQUE S.A.	2,330,466	INC.	2,330,345
KOPACZ, THOMAS H.	2,330,871	MITSUBISHI CORPORATION	2,331,081	PRAXAIR TECHNOLOGY,	
KRAFT FOODS, INC.	2,330,744	MOCKEL, BETTINA	2,328,583	INC.	2,330,813
KURARAY CO., LTD.	2,330,762	MONTAGNINO, JAMES G.	2,330,250	PRENTICE, PAULETTE	2,314,748
L'AIR LIQUIDE, SOCIETE		MONTE, PAUL A.	2,332,414	PRENTICE, THOMAS	2,314,748
ANONYME POUR		MOORE NORTH AMERICA,		RANDAZZO, ANTONINO	2,295,461
L'ETUDE ET		INC.	2,314,464	RASHID-FARROKHI,	
L'EXPLOITATION DES		MUNDLE, KLAUS	2,330,406	FARROKH	2,327,611
PROCED	2,332,382	NAGAO, SYUNJI	2,330,885	REESE PRODUCTS, INC.	2,330,398
L'AIR LIQUIDE, SOCIETE		NAKAOKA, KENJI	2,331,081	RESEARCH IN MOTION	
ANONYME POUR		NAKATA, HIROHIKO	2,330,885	LIMITED	2,333,775
L'ETUDE ET		NAQVI, SHAMIN A.	2,327,160	RIALL, JAMES DANIEL	2,330,759
L'EXPLOITATION DES		NAQVI, SHAMIN A.	2,327,162	RICHTER, BERNHARD	2,332,384
PROCED	2,332,383	NATSUHARA, MASUHIRO	2,330,885	RICKETT, GRAHAM	
LATOUCHE, YANNICK	2,332,381	NEC CORPORATION	2,330,912	ANTHONY	2,328,634
LEATHERMAN TOOL		NEISEN, GERALD F.	2,329,177	RIVERA, BENJAMIN C.	2,328,592
GROUP, INC.	2,328,592	NEMIROFF, ROBERT S.	2,330,368	RODAK, LAUREL A.	2,330,897
LEE, ANDREW GEORGE	2,331,009	NIKIFOROV, ZARKO	2,294,706	ROSATI, ROBERT LOUIS	2,331,053
LEE, ANDREW GEORGE	2,331,053	NODA, SUSUMU	2,330,866	ROTHMUND, WALTER	2,326,191
LEE, ANDREW GEORGE	2,331,059	NODDIN, JACK VERNON	2,295,424	SASAKI, TAKASHI	2,332,385
LEE-LONG, CHEN	2,295,286	NOE, ANDREAS	2,330,777	SASIB U.K. LIMITED	2,330,515
LETA, DANIEL P.	2,295,387	NOE, ROLF	2,330,777	SCHAUB, HERBERT	
LEUPOLZ, ANDREAS	2,326,191	NOVA ORTHO-MED, INC.	2,331,015	RAYMOND	2,330,261
LEVASSEUR, MARIE-JOSEE	2,293,190	NOWERS, D. KRISTIAN		SCHELGEL, WERNER	2,331,012
LIPSON, EARL S.	2,330,717	(DECEASED)	2,330,717	SCHERBER, WERNER	2,326,191
LITENS AUTOMOTIVE GMBH	2,330,891	NUDELMAN, GREGORY	2,326,925	SCHMIDT, MARK T.	2,330,744
LOPEZ, FULTON J.	2,330,771	OAKLEY, THOMAS		SCHOTT GLAS	2,330,752
L'OREAL	2,330,462	FRANKLIN	2,330,069	SCHOTT GLAS	2,330,763
L'OREAL	2,330,469	OCEAN NUTRITION CANADA		SCHOTT GLAS	2,330,889
LOZANO, ANGEL	2,327,611	LTD.	2,343,439	SCHOTT GLAS	2,330,896
LUCENT TECHNOLOGIES		O'DANIEL, HAROLD W.	2,330,907	SCHWELLENBACH,	
INC.	2,327,160	OGAWA, SHIRO	2,330,762	JOACHIM	2,331,078
LUCENT TECHNOLOGIES		OPITZ, DIETER	2,330,884	SELVADURAI,	
INC.	2,327,162	ORTENZI, DOMINIC	2,295,461	SRIMOHANARAJAH	2,296,024
LUCENT TECHNOLOGIES		ORTHO-CLINICAL		SETH, SHIV MOHAN	2,330,173
INC.	2,327,611	DIAGNOSTICS, INC.	2,330,759	SHAW, CATHY M.	2,327,960
LUCENT TECHNOLOGIES		OSRAM SYLVANIA INC.	2,327,960	SHAW, JAMES DAVID	2,330,759
INC.	2,330,173	OSTEN, THOMAS J.	2,323,349	SHEETS, JAMES P.	2,330,897
LUPKE, MANFRED A.A.	2,295,371	OUTBOARD MARINE		SHIMAMURA, KUNIIHIKO	2,330,762
LUPKE, STEFAN A.	2,295,371	CORPORATION	2,329,177	SHIMIZU, NORIKAZU	2,329,957
LYONS, DAVID CHARLES	2,330,821	OVERHEAD DOOR		SIMON, MARK ALAN	2,330,759
MADTER, RICHARD	2,333,775	CORPORATION	2,325,963	SITES, MICHAEL J.	2,332,414
		OWEN, DONALD W.	2,327,014	SKULOGIX INC.	2,330,717

**Index des demandes canadiennes mises à la disponibilité du public
8 juillet 2001 - 14 juillet 2001**

SMS DEMAG AG	2,331,078	ZHU, JIA BEI	2,295,633
SONNTAG, STEFAN	2,330,777	ZHU, JIA BEI	2,295,641
SSU-FUNG, LIN	2,295,286	ZUK, MICHAEL YAR	2,296,107
STELCO INC.	2,331,063	ZUK, MICHAEL YAR	2,330,903
STEMILT GROWERS, INC.	2,330,711		
STILL, GREGORY S.	2,323,349		
STREUBEL, HANS	2,331,078		
SUESHIGE, HIROSHI	2,329,957		
SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,330,513		
SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,330,866		
SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,330,885		
SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,332,385		
SUNBEAM PRODUCTS, INC.	2,330,250		
SUNBEAM PRODUCTS, INC.	2,330,978		
SUZUKI, MIGAKU	2,331,081		
TAKEDA, TERUYUKI	2,330,512		
TANAKA, KATSUHISA	2,330,718		
TANAKA, SHIGERU	2,332,385		
TANNER, SCOTT D.	2,326,514		
TANOKURA, TOORU	2,330,762		
TATOH, NOBUYOSHI	2,330,513		
TCHERNITSER, ALEXEI	2,326,925		
TEISSEYRE, SERGE	2,330,466		
THE ESAB GROUP, INC.	2,330,069		
THE HOSPITAL FOR SICK CHILDREN	2,329,318		
THE STANDARD PRODUCTS COMPANY	2,330,897		
THIBAUD, DOMINIQUE	2,330,465		
THOMPSON, DAVID DUANE	2,331,009		
THOMPSON, DAVID DUANE	2,331,053		
THOMPSON, DAVID DUANE	2,331,059		
TOYOTA JIDOSHA KUBUSHIKI KAISHA	2,330,718		
UBUKATA INDUSTRIES CO., LTD.	2,330,512		
UCHIMOTO, KENICHI	2,331,081		
UNIVERSITY OF MICHIGAN	2,329,318		
URANO, MITSUHIRO	2,330,512		
VALENZUELA, REINALDO A	2,327,611		
VIGNERON, SERGE	2,332,381		
VOGL, NORBERT	2,331,078		
VYGON	2,330,464		
WAGNER, JOSEF	2,330,406		
WEBER, RONALD G.	2,330,897		
WIEDEMAN, ROBERT A.	2,332,414		
WILSON, HAROLD W.	2,294,987		
WOODRUFF, KEITH F.	2,330,708		
WOODWARD GOVERNOR COMPANY	2,330,226		
WOODWARD GOVERNOR COMPANY	2,330,724		
WOODWARD GOVERNOR COMPANY	2,330,754		
WU, SIU-WAI	2,330,368		
WYNEN, JOHN	2,333,775		
YOSHIDA, ISAO	2,329,957		
YOUNG, PAUL A.	2,327,960		
YOUNG, ROBERT GORDON	2,295,899		
YU, SANDY TAI SHEUNG	2,330,507		
Z.I. PROBES, INC.	2,314,573		
ZHU, JIA BEI	2,295,434		

**Index of Canadian Laid-Open Applications
July 8, 2001 - July 14, 2001**

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

3M INNOVATIVE PROPERTIES COMPANY	2,346,809	ASAHI GLASS COMPANY LTD.	2,348,615	BEITH, ROBERT MICHAEL VICTOR	2,347,851
3M INNOVATIVE PROPERTIES COMPANY	2,348,647	ASHWORTH, ROGER PHILIP	2,347,694	BELEF, WILLIAM M.	2,347,628
3M INNOVATIVE PROPERTIES COMPANY	2,348,783	ASTRAZENECA AB	2,347,981	BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,347,843
A. CARLSSON RESEARCH AB A.E. STALEY	2,347,855	ASTRAZENECA AB	2,348,084	BEN ADERET, FABIAN	2,347,046
MANUFACTURING CO.	2,347,689	ATD CORPORATION	2,347,948	BENCZEDI, DANIEL	2,346,948
ABB LUMMUS GLOBAL INC.	2,348,625	ATMEL CORPORATION	2,347,846	BERENS, ULRICH	2,347,146
ABBOTT LABORATORIES	2,347,925	AVENTIS PASTEUR LIMITED	2,345,208	BERGMANN, WILFRIED	2,348,635
ABBOTT LABORATORIES	2,347,982	AVENTIS PHARMA		BERNKOP-SCHNURCH, ANDREAS	2,348,842
ACCUMETRICS, INC.	2,348,612	DEUTSCHLAND GMBH	2,347,907	BERTENSHAW, STEPHEN R.	2,347,910
ACKERMAN, RANDEL E.	2,347,013	AVERY DENNISON CORPORATION	2,347,830	BERTLING, WOLF	2,348,053
ADC TELECOMMUNICATIONS, INC.	2,347,698	AVERY DENNISON CORPORATION	2,348,627	BESEL, ARLEN DALE	2,348,651
ADRIAANSE, CORNELIS THEODORUS JOZEF MARIA	2,347,157	AVI BIOPHARMA, INC.	2,347,905	BHULLAR, BALWANT S.	2,347,054
AFFIBODY TECHNOLOGY SWEDEN AB	2,347,960	AVIGEN, INC.	2,348,068	BIEHL, BOLE	2,347,043
AGRISTUDIO S.R.L.	2,347,152	AYAFOR, JOHNSON F.	2,347,926	BIOMERIEUX, INC.	2,348,691
AHLUWALIA, GURPREET S.	2,347,975	AYBAY, GUNES	2,348,089	BIONICHE LIFE SCIENCES INC.	2,347,110
AHMAVAARA, KALLE	2,348,457	AZIMZAI, YALDA	2,346,775	BIOPROGRESS TECHNOLOGY INTERNATIONAL INCORPORATED	2,348,843
AHMED, IQBAL	2,347,535	BABA, HIDEYUKI	2,347,594	BIOVAIL TECHNOLOGIES LTD.	2,348,451
AIGNER, WALTER	2,348,633	BACCHI, CYRUS	2,347,926	BIOVAIL TECHNOLOGIES LTD.	2,348,452
AIRPAX CORPORATION, L.L.C.	2,348,620	BACK, DEBORAH JEAN	2,348,081	BIPPUS, HANS-DIETER	2,347,804
AIZAWA, CHIKARA	2,348,658	BAEON, EDWARD R.	2,347,915	BISHOP, JAMES CLEMENT	2,348,691
ALBERT, JONATHAN D.	2,347,866	BAETGE, E. EDWARD	2,347,928	BISRAT, MIKAEL	2,348,084
ALCAN INTERNATIONAL LIMITED	2,347,831	BAI, TIBORNE	2,347,853	BLACK, LAWRENCE A.	2,347,982
ALCON LABORATORIES, INC.	2,347,863	BAIER, MICHAEL	2,347,223	BLOMQUIST, MICAEL	2,347,874
ALDERSON, NATHAN	2,347,117	BAKER, PHILIP S.	2,348,666	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,348,403
ALLIEDSIGNAL INC.	2,347,639	BAKER, ROBERT SCOTT	2,348,639	BOGLE, DAVID W.	2,348,426
ALUMINIUM RHEINFELDEN GMBH	2,348,630	BAKONYI, MARIA	2,347,853	BOHLKE, SUSAN N.	2,346,809
ALUSUISSE TECHNOLOGY & MANAGEMENT LTD.	2,348,613	BALDAUF, GUNTER	2,347,624	BOHN, MANFRED	2,347,907
AMCOR PACKAGING (AUSTRALIA) PTY LTD.	2,347,802	BANDMAN, OLGA	2,346,775	BOLSTAD, CLIFFORD R.	2,348,648
AMERICAN COMPONENTS, INC.	2,348,639	BANG & OLUFSEN POWERHOUSE A/S	2,347,991	BOSTON SCIENTIFIC LIMITED	2,347,628
AMERICAN HOME PRODUCTS CORPORATION	2,347,118	BARBAS, CARLOS F.	2,347,025	BOSTON SCIENTIFIC LIMITED	2,348,073
AMICI, RAFFAELLA	2,347,060	BARKARO, STEFAN	2,347,010	BOSTON SCIENTIFIC LIMITED	2,348,074
ANDERSEN, KIM VILBOUR	2,346,929	BARNABAS, MARY VIJAYARANI	2,346,691	BOSWELL, ROBERT W.	2,347,695
ANDERSEN, W. FRENCH	2,346,931	BARNES, GEORGE E.	2,347,863	BOUQUERAND, PIERRE-ETIENNE	2,346,948
ANDERSON, RALPH R., JR.	2,347,843	BASF AKTIENGESELLSCHAFT	2,347,916	BOUSQUET, PETER F.	2,347,916
ANDERSSON, MARIA KRISTINA	2,347,247	BASHA, ANWER	2,347,982	BP CHEMICALS LIMITED	2,347,697
ANDREE, REIDAR	2,348,449	BASTIAN, HELGE	2,348,054	BRASSARD, MICHEL	2,347,191
ANDREWS, PETER RONALD	2,347,917	BAUMAN, BRUCE D.	2,348,627	BRIGGS & STRATTON CORPORATION	2,347,848
ARCHIBALD, SARAH CATHERINE	2,347,701	BAXTER INTERNATIONAL INC.	2,347,615	BROWN, CHARLES	2,347,848
ARENA, JOHN J.	2,347,236	BAXTER INTERNATIONAL INC.	2,347,618	BROWN, DAVID L.	2,347,910
ARK THERAPEUTICS LTD.	2,348,624	BAXTER INTERNATIONAL INC.	2,347,626	BROWN, MALCOLM DAVID	2,348,843
ARNOLD, LEE D.	2,347,916	BAYER		BROWN, STEPHEN	2,347,976
		AKTIENGESELLSCHAFT	2,347,223	BROWN, TRUMAN R.	2,348,844
		BAYER ANTWERPEN N.V.	2,348,427	BRUCE, PETER	2,348,078
		BAYNES, JOHN W.	2,347,117	BRUPAT LIMITED	2,348,078
		BEAN, BEVERLY	2,347,635	BRUST, BERNHARD	2,348,429
		BEAUMONT, E. LARRY	2,347,232	BTG INTERNATIONAL LIMITED	2,347,859
		BECKETT, STEPHEN THOMAS	2,347,682		
		BECTON, DICKINSON AND COMPANY	2,347,631		
		BEHI, MOHAMMAD	2,347,639		

Index of PCT Applications Entering the National Phase

BUHEL, THOMAS	2,347,049	COLLIN, HEINER	2,348,629	DOPPEL CO., LTD.	2,348,407
BUCHHOLZ, HERWIG	2,348,693	COLLIN, HEINRICH	2,348,629	DORAN, BURNS P.	2,347,154
BULTMAN, MICHAEL J.	2,347,162	COLOSI, PETER C.	2,348,068	DOW, GORDON J.	2,347,109
BUNNAGE, MARK EDWARD	2,347,950	COLTRELL, TIMOTHY J.	2,347,234	DOWA MINING CO., LTD.	2,347,005
BUNDSCH, HANS	2,348,628	COLTRELL, TIMOTHY J.	2,347,362	DOWHAN, DAVID W.	2,347,234
BURCHELL, TIMOTHY D.	2,347,009	COMPUTER ASSOCIATES		DOWHAN, DAVID W.	2,347,362
BURG, LAWRENCE	2,348,691	THINK, INC.	2,347,046	DR. COLLIN GMBH	2,348,629
BURGER, GERT	2,347,223	COMPUTER ASSOCIATES		DRIES, HUBERTUS	
BURK, MARK JOSEPH	2,347,146	THINK, INC.	2,347,785	WILHELMUS ALBERTUS	2,348,453
BURKE, PATRICK MICHAEL	2,348,655	CONNOLLY, JOHN C.	2,347,627	DUDDA, ANGELA	2,348,693
BURNSIDE, BETH A.	2,348,090	COOK, ROBERT W.	2,347,162	DUGAN, ANDREW	2,347,620
BUYSEE, STEVEN P.	2,347,014	COPP, DOUGLAS F.	2,347,870	DUGAN, ANDREW	2,347,643
CABLETRON SYSTEMS, INC.	2,348,089	CORLEY, NEIL C.	2,346,775	DUNCIA, JOHN V.	2,347,909
CAI, YINZI	2,347,234	CORLEY, NEIL C.	2,348,046	DUNCIA, JOHN V.	2,347,912
CAI, YINZI	2,347,362	CORNER, MITCHELL	2,347,821	DUPONT PHARMACEUTICALS	
CALOZ, ETIENNE	2,348,613	COSTANTINI, FRANK	2,347,011	COMPANY	2,346,935
CARLSSON, ARVID	2,347,855	COSTANTINI, FRANK	2,347,806	DUPONT PHARMACEUTICALS	
CARLSSON, MARIA	2,347,855	COTTER, CHRISTOPHER	2,348,691	COMPANY	2,347,909
CARROLL, DAVID W.	2,347,642	COUCH, RICHARD A.	2,348,090	DUPONT PHARMACEUTICALS	
CARTER, JEFFREY S.	2,347,910	COUTO, LINDA B.	2,348,068	COMPANY	2,347,912
CARTER, MATTHEW	2,347,011	CRITCHFIELD, FRANK E.	2,348,427	DUREAU, VINCENT	2,347,006
CARTER, MATTHEW	2,347,806	CROUZILLAT, DOMINIQUE	2,347,970	DUTERTE, OLIVIER	2,348,426
CASDEN, MARTIN S.	2,348,642	CUMBERS, SARAH JANE	2,346,927	DYCHE, ANTHONY	2,347,699
CATANZARITI, LUIGI	2,348,691	CURAGEN CORPORATION	2,347,293	DYKSTRA, RICHARD	2,347,848
CAUWBERGHS, SERGE		CURAGEN CORPORATION	2,347,625	E INK CORPORATION	2,347,866
GABRIEL PIERRE ROGER	2,347,809	CYCLOTECH LTD	2,347,354	E.I. DU PONT DE NEMOURS	
CBR LABORATORIES, INC.	2,347,119	D.S.M. N.V.	2,348,655	AND COMPANY	2,347,819
CELLTECH THERAPEUTICS		DAHL, ORVAR PER	2,348,664	E.I. DU PONT DE NEMOURS	
LIMITED	2,347,701	DALRYMPLE, DAMON M.	2,347,036	AND COMPANY	2,348,057
CERTCO INCORPORATED	2,347,007	D'AMELIO, MARCUS	2,348,616	E.I. DU PONT DE NEMOURS	
CEULEMANS, RAPHAEL		DANTAS, FABIO MOYSES LINS	2,346,291	AND COMPANY	2,348,450
ANGELINE ALFONS	2,347,809	DARTOIS, VERONIQUE	2,346,743	E.I. DU PONT DE NEMOURS	
CHACKERIAN, BRYCE	2,347,411	DARWIN DISCOVERY LIMITED	2,347,911	AND COMPANY	2,348,651
CHAMBERS, JEFFREY ALLEN	2,348,450	DARWIN DISCOVERY LIMITED	2,347,976	E.I. DU PONT DE NEMOURS	
CHAN, SAM	2,348,056	DAVIES, CAROLINE JANE	2,347,851	AND COMPANY	2,348,653
CHANDLER, MICHAEL L.	2,347,863	DAVIES, CHRISTOPHER JOHN	2,347,851	E.I. DU PONT DE NEMOURS	
CHANG, RONG-KUN	2,348,090	DAVIS, RICHARD P.	2,347,236	AND COMPANY	2,348,654
CHEESMAN, EDWARD H.	2,346,935	DE ANDRADE, CRISTINA		E.I. DU PONT DE NEMOURS	
CHEMETALL GES. M.B.H.	2,347,824	TRISTAO	2,346,291	AND COMPANY	2,348,655
CHEN, JIANN-NENG	2,347,236	DE WINTER, HUGO	2,347,008	EAGLEVIEW TECHNOLOGIES,	
CHEN, JYH-HONG ERIC	2,348,653	DEAS, ALEXANDER, ROGER	2,346,831	INC.	2,347,837
CHEVRON U.S.A. INC.	2,347,832	DEBLIER, IVO	2,347,008	EAGLEVIEW TECHNOLOGIES,	
CHILDREN'S HOSPITAL		DEES, H. CRAIG	2,348,094	INC.	2,348,087
MEDICAL CENTER	2,347,248	DEGENHARDT, THORSTEN P.	2,347,117	EASTMAN CHEMICAL	
CHIRON CORPORATION	2,346,713	DEKELBAUM, ROBERT	2,348,616	COMPANY	2,348,785
CHIROTECH TECHNOLOGY		DELSYS PHARMACEUTICAL		EBRAHIMI, TOURADJ	2,348,622
LIMITED	2,347,146	CORPORATION	2,347,978	ECCLES, CHRISTOPHER	
CHISHOLM, MICHAEL		DELUCCA, GEORGE V.	2,347,909	ROBERT	2,347,851
STEPHEN	2,347,823	DELUCCA, GEORGE V.	2,347,912	ECO/TECHNOLOGIES, LLC	2,347,232
CHONG, GERALD B.	2,348,791	DEMANDT, HANS	2,347,008	EDF POLYMER-APPLIKATION	
CHRAI, SUGGY S.	2,347,978	DEMIRBUKER, MUSTAFA	2,348,084	MASCHINENFABRIK	
CHRISTENSEN, FRANK		DEN NORSEK STAT		GMBH	2,347,623
SCHWARTZ	2,347,991	OLJESELSKAP A.S.	2,348,790	EDF POLYMER-APPLIKATION	
CHRISTIANSEN, BJORN	2,348,790	DENYER, JONATHAN STANLEY		MASCHINENFABRIK	
CHRISTOPOULUS, CHARILAOS	2,348,622	HAROLD	2,347,699	GMBH	2,347,624
CHUA, JAMES	2,348,455	DEO, AJAY	2,347,620	EDMARK, RICHARD A.	2,348,648
CIRIBOLLA, ANTONIO	2,347,152	DEO, AJAY	2,347,643	EICHER, JOACHIM	2,348,403
CLARK, CHERYL MCARDLE	2,347,909	DEO, AJAY	2,348,071	EICHINGER, ANDREAS	2,346,999
CLYVE AS	2,347,683	DETHLOFF, STEVEN	2,347,848	EINOLA, HEIKKI	2,348,456
COATES, GEORGE R.	2,348,670	DEUSS, EBERHARD JUERGEN	2,347,056	ELAN CORPORATION, PLC	2,347,700
COCKREM, MICHAEL		DEVADAS, BALEKUDRU	2,347,910	ELECTROMAGNETIC BRACING	
CHARLES MILNER	2,347,689	DIESING, KARL-HEINZ	2,347,220	SYSTEMS, INC.	2,347,361
CODAGEN TECHNOLOGIES		DIRKSE, HENDRIK ARIEN	2,348,453	ELGRESSY, DORON	2,347,046
CORP.	2,347,191	DOBBINS, JOHN C.	2,350,070	ELI LILLY AND COMPANY	2,347,250
COGHLAN, MICHAEL J.	2,347,982	DOBSON, JAMES G., JR.	2,347,979	ELLIES, LESLIE G.	2,347,940
COHEN, MITCHELL ADAM	2,348,082	DOMBRADY, ZSOLT	2,347,853	ELLIOTT INDUSTRIES LIMITED	
COLIN, BRUNO	2,348,691	DOMINGUEZ RUBIO,			2,347,688
COLIN, ELSTON	2,348,648	FRANCISCO	2,347,958	ELLIOTT INDUSTRIES LIMITED	
COLLER, BARRY S.	2,348,612	DONG, YANHONG	2,347,922		2,348,076
COLLIER, ROBERT J., JR.	2,347,863	DOOLEY, MICHAEL JOHN	2,347,917		

Index des demandes PCT entrant en phase nationale

EL-SAYED, MOHAMED	2,347,685	G.D. SEARLE & CO.	2,347,910	HAUSBICHLER, HANNES	2,347,623
ELSOHLY, MAHAMOUD A.	2,348,695	GALEOTTI, CESIRA	2,346,713	HAUSBICHLER, HANNES	2,347,624
ELVEVOLL, EDEL	2,347,159	GALIAD COMPUTERS LTD.	2,347,834	HAUSERMANN, CHRISTIAN	2,348,628
EMCORE CORPORATION	2,347,627	GARBUZOV, DMITRI Z.	2,347,627	HAUSMANN, MATTHIAS	2,348,403
EMHART, INC.	2,348,791	GARNIER, JEAN-MICHEL	2,347,636	HAYES, RICHARD ALLEN	2,347,819
ENDO, KAZUHIRO	2,347,409	GASPAR, KATALIN	2,347,853	HAYES, RICHARD ALLEN	2,348,654
ENERGY STORAGE SYSTEMS PTY. LTD.	2,348,668	GASSNER, HOLGER G.	2,347,828	HAYES, RICHARD, ALLEN	2,348,057
ENGEL, KURT	2,346,999	GATES, HOLLY G.	2,347,866	HEAD, JOHN CLIFFORD	2,347,701
ENGLISH, JACK WESLEY III	2,347,695	GATFIELD, IAN	2,347,908	HECHT, REINHARD	2,348,628
ENLOW, HOWARD H.	2,347,830	GAUCH, SIMONE	2,348,054	HEISE, CARLA	2,348,634
ERICKSON, MAGNUS	2,347,981	GENETICS INSTITUTE, INC.	2,347,119	HELGESSON, MIKAEL	2,348,449
ERICSSON INC.	2,347,012	GENETRONICS, INC.	2,347,153	HELLBERG, MARK R.	2,347,863
ERIKSSON, CHRISTER	2,348,449	GEORGE, MARY MATHEW	2,347,118	HENDRIX, JAMES KIRK	2,348,651
ERIKSSON, INGEMAR	2,347,874	GERLACH, ARNE	2,347,146	HERCULES INCORPORATED	2,347,839
ERNST, EBERHARD	2,348,429	GHOSH, PHALGUNI	2,347,922	HERDTLE, THOMAS	2,348,783
ERNST, STEFFEN	2,346,929	GIBB, PETER TIMOTHY	2,347,821	HERMAN, MARK R.	2,348,452
ESPOSITO, FELIX	2,347,621	GIFFORD, ERIC A.	2,348,606	HESS, MICHAEL JAMES	2,347,354
ESSING, MARTIN	2,348,403	GKN SINTER METALS GMBH	2,348,429	HESSE, MICHAEL	2,347,223
ETHIER, MICHAEL F.	2,347,979	GLASSFIELD, ROBERT	2,348,691	HICKEY, ERIN	2,346,713
EVANS, GRAHAM ROBERT	2,347,911	GLAXO GROUP LIMITED	2,347,109	HICKEY, WILLIAM F.	2,347,928
EVANS, JAMES PATRICK	2,348,589	GLAXO GROUP LIMITED	2,348,056	HIGASHIO, KANJI	2,347,107
EVERAERTS, ALBERT I.	2,348,647	GMEILBAUER, ENGELBERT	2,347,875	HILLMAN, JENNIFER L.	2,346,775
EVERS, REINHARD	2,347,220	GOLDSCHMIDT CHEMICAL CORPORATION	2,347,036	HIRN, THOMAS WOLFGANG FRIEDRICH	2,348,458
FAGAN, MARK E.	2,346,809	GOLDSTEIN, JASON A.	2,347,230	HITACHI, JUNICHI	2,347,827
FAHEY, JAMES JR.	2,347,846	GONGWER, GEOFFREY S.	2,347,846	HITACHI, LTD.	2,347,059
FELDNER, JOHN	2,347,848	GORDON, NEIL JAMES	2,347,809	HOBER, SOPHIA	2,347,960
FELL, JOHN	2,348,058	GORGONE, GINA A.	2,346,775	HOCH, JAMES	2,346,743
FENG, SHIXIA	2,348,695	GORLICH, MICHAEL P.	2,347,969	HOCHRAINER, DIETER	2,348,403
FERGUSON, ANTHONY P.	2,348,097	GRACYALNY, GARY J.	2,347,848	HODL, HEINZ	2,346,999
FERGUSON, IAN T.	2,347,627	GRAEF, PETER A.	2,348,648	HOFFMAN, GUNTER A.	2,347,153
FETZ, DIETMAR	2,347,623	GRANATA, TEBALDO	2,348,646	HOFSTADT, OTTO	2,347,223
FETZER, THOMAS	2,347,223	GRANDI, GUIDO	2,346,713	HOFSTETTER, JOHN	2,347,925
FIELDS, ROBERT E., III	2,347,961	GRANETO, MATTHEW J.	2,347,910	HOGARTH, STEVEN R.	2,348,666
FILIPAK, STANLEY	2,347,848	GRAZIANO, LOUIS	2,348,691	HOLMES, ALLEN	2,347,620
FILOV, VLADIMIR		GREAGER, DAVID CRISTEN	2,347,056	HOLMES, ALLEN	2,347,643
ALEXANDROVICH	2,348,767	GREENPOWER ENGINEERING & TECHNOLOGIES S.A.	2,348,406	HOLZHEIMER, TIMOTHY R.	2,347,013
FINNERAN, JAMES G.	2,347,952	GREER, JAMES	2,348,691	HONKASALO, HARRI	2,348,457
FIRMENICH SA	2,346,948	GROSS, RICHARD A.	2,347,703	HOPKINSON, PHILIP J.	2,347,690
FISCHER, KENNETH	2,347,643	GRUPO ANTOLIN-INGENIERIA, S.A.	2,347,958	HORI, YASUHIKO	2,347,827
FISHER, CHARLES JACK	2,347,250	GUEGLER, KARL J.	2,346,775	HORIGUCHI, KENICHI	2,347,811
FISHER, GARY J.	2,344,696	GUEGLER, KARL J.	2,348,046	HORIUCHI, TAKASHI	2,347,813
FISKE, KIMBERLY	2,348,090	GUO, XIAODI	2,348,090	HORTON, PAUL L.	2,348,426
FLUOR CORPORATION	2,347,355	GUSTAVSSON, ANDERS	2,347,981	HOU, LEI B.	2,348,670
FORD, RANDAL RAY	2,348,785	GUY, MICHEL	2,348,691	HOU, WANGQI	2,347,036
FORMYDUVAL, TERRY		GUYOT, VINCENT	2,346,999	HOUGHTON, COLIN JOHN	2,347,859
FRANKLIN	2,348,081	HAARMANN & REIMER GMBH	2,347,908	HOWARD, FRED B.	2,348,648
FORMYDUVAL, TERRY FRANKLIN	2,348,652	HACKSON, DAVID N.	2,348,408	HOYDAHL, JAN	2,348,790
FOULGER, STEPHEN H.	2,347,951	HACKWELL, ROGER	2,347,008	HUANG, CHIUNG-YUAN	2,348,625
FOX CHASE CANCER CENTER	2,348,844	HADFIELD, DAVID ANDREW	2,347,354	HUCK INTERNATIONAL, INC.	2,347,974
FRANKEL, YAIR	2,347,007	HAKLI, HARRI	2,347,967	HUDSON, BILLY	2,347,117
FRANZEN, BJORN	2,348,793	HALL, GORDON C.	2,348,066	HULKONEN, TONY	2,348,456
FRANZOTECH INVEST AB	2,348,793	HAM, ETHAN	2,348,616	HUNER, RONALD	2,347,824
FRAUENS, JOHN T.	2,347,977	HAMMANG, JOSEPH P.	2,347,928	HWANG, JAE-HO	2,348,614
FRAZER, CLAIRE M.	2,346,713	HANADA, TEIICHI	2,348,615	IKEDA, YUKIO	2,347,811
FRAZIER, RANDEL A.	2,347,014	HANAU, CATHLEEN E.	2,347,910	IKI, JEAN M. GOLDSCHMIDT	2,348,408
FRAZIER, RANDEL A.	2,347,633	HANS VON ANDRIAN, ULRICH	2,347,119	IKIMBO, INC.	2,348,616
FREDERIKSEN, THOMAS MANSACHS	2,347,991	HANSCHEN, THOMAS P.	2,348,097	IMPERIAL CHEMICAL INDUSTRIES PLC	2,347,821
FRIEDLI, FLOYD E.	2,347,036	HARRIS, THOMAS DAVID	2,346,935	INCYTE PHARMACEUTICALS, INC.	2,346,775
FUHRMANN, GUIDO	2,348,054	HARRIS, TRACY MARK	2,348,082	INCYTE PHARMACEUTICALS, INC.	2,348,046
FUJII, TAKAFUMI	2,347,691	HARTH, KLAUS	2,347,223	INEOS ACRYLICS UK LIMITED	2,347,823
FUJISE, NOBUAKI	2,347,107	HARTMANN, SUSAN J.	2,347,910	INNOVATIVE OFFICE PRODUCTS, INC.	2,347,805
FUJIYASU, HIROSHI	2,347,686	HARTNESS INTERNATIONAL, INC.	2,348,426	INOUE, JUN	2,348,048
FULLER, JOHN G.	2,348,666	HARVEY, JAMES WARREN	2,348,616	INTEL CORPORATION	2,348,408
FUNDAÇÃO OSWALDO CRUZ - FIOCRUZ	2,346,291	HATA, TOSHINAO	2,347,921		
FURUSKAR, ANDERS	2,347,946	HATAMIYA, SHIGEO	2,347,059		
FURUTA, ATSUSHI	2,348,614	HATTORI, NOBUAKI	2,348,658		

Index of PCT Applications Entering the National Phase

INTERNATIONAL BUSINESS MACHINES CORPORATION	2,348,082	KARLICEK, ROBERT F., JR.	2,347,627	KVEEN, GRAIG L.	2,347,154
ISACCHI, ANTONELLA	2,347,060	KASHAHRA, NORI	2,346,931	KYLE, DONALD B.	2,348,784
ISHIGAKI, SHINICHIRO	2,347,686	KA-TE SYSTEM AG	2,348,628	L-3 COMMUNICATIONS CORPORATION	2,347,011
ISIP, AMANDO B., JR.	2,347,785	KATO, HIROYUKI	2,348,401	L-3 COMMUNICATIONS CORPORATION	2,347,806
ISOMURA, AKIHIRO	2,348,614	KATZ, RUTH BERNICE	2,347,911	LAC HOLDING B.V.	2,347,157
ISSACHAROFF, MICHAEL	2,348,792	KAWABE, TOSHIKI	2,347,160	LACONTE, RICHARD J.	2,348,626
ITALIAANDER, KURT	2,347,222	KAWAKAMI, SATOSHI	2,347,005	LAMBACH, JAMES L.	2,348,427
ITO, HIROYUKI	2,347,005	KAZAL, DUANE D.	2,348,455	LANDS, MICHAEL J.	2,347,014
ITO, SETSURO	2,348,615	KELLER, MANFRED	2,347,856	LANDS, MICHAEL J.	2,347,633
IVERSEN, PATRICK L.	2,347,905	KELLY, FRANCES FURR	2,347,109	LANDT, ANDREAS	2,347,220
IWU, MAURICE M.	2,347,926	KELM, VERNITA	2,347,949	LANGELL, JOHN	2,348,770
J.G. FINNERAN ASSOCIATES, INC.	2,347,952	KEMIN INDUSTRIES, INC.	2,348,067	LARSSON, MATHIAS	2,348,622
JABBA, RONALD J.	2,347,628	KENNEDY, THOMAS J.	2,348,841	LASER CATALYST SYSTEM INC.	2,347,697
JACCARD, JEAN PATRICK	2,348,406	KERALASE LTD.	2,348,788	LATHROP, ROBERT WILLIAM	2,347,109
JACCARD, LEON	2,348,406	KESHISHIAN, SARKIS	2,348,668	LATTICE INTELLECTUAL PROPERTY LIMITED	2,347,694
JACKSON, JEFFERY N.	2,348,097	KEYS, ROBERT O.	2,347,036	LAUG, HORST	2,347,397
JACKSON, JOAN E.	2,347,926	KHALIFAH, RAJA GABRIEL	2,347,117	LAUSON, DAVID J.	2,347,845
JACOBS, GARRY	2,347,355	KHAN, FAROOQ	2,347,946	LAWES, KATE R.	2,347,014
JAEGER, RODNEY H.	2,347,013	KHOURY, ELIAS A.	2,348,073	LAZAR ENTERPRISES PTY. LTD.	2,348,649
JAGO RESEARCH AG	2,347,856	KHOURY, ELIAS A.	2,348,074	LAZAROU, RICK KIRIAKOS	2,348,649
JANDEL, MAGNUS	2,348,622	KIKUCHI, MASAICHI	2,347,954	LENT, JEREMY R.	2,347,234
JANSSSEN, JEFFREY R.	2,348,647	KIMBALL, SANDRA	2,347,631	LENT, JEREMY R.	2,347,362
JANSSON, STIG	2,347,159	KIMURA, TOSHIMUNE	2,347,005	LENT, MARY	2,347,234
JAPAN SCIENCE AND TECHNOLOGY CORPORATION	2,347,409	KING, ELIZABETH	2,348,086	LENT, MARY	2,347,362
JAPAN TOBACCO INC.	2,347,218	KING, GARY D.	2,347,690	LERNER, IAN	2,348,051
JARVENKYLA, JYRI	2,348,423	KING, TOBIN ALLEN	2,347,168	LEVENGOOD, DONALD EUGENE	2,348,081
JAVERBRING, STEFAN	2,347,946	KIRN, DAVID	2,348,634	LEVENGOOD, DONALD EUGENE	2,348,652
JENKINS, GEOFFREY	2,347,631	KITADA, CHIEKO	2,347,294	LEWINSKI, KRYSZTOF A.	2,348,783
JERABEK, AARON	2,347,848	KITAYAMA, HIROKAZU	2,347,691	LEWIS, JEFF	2,348,616
JIM LINDSAY LIMITED	2,347,692	KITAYAMA, MASAYA	2,348,401	LI, YONG	2,348,648
JOALTO DESIGN, INC.	2,347,685	KLADDERS, HEINRICH	2,348,403	LICHENSTEIN, HENRI	2,347,293
JOCHUM, FRANCES R.	2,348,788	KLEIDERMACHER, MOISHE	2,347,806	LICHTINGER, PETER	2,347,842
JOHNSON, KEITH ARTHUR	2,347,109	KLEIN, MICHEL H.	2,345,208	LIN, TYAU-JEEN	2,348,653
JOHNSTON, RAYMOND P.	2,348,783	KLUESENER, BERNARD WILLIAM	2,348,081	LIND, DAVID J.	2,347,236
JOHNSTONE, IAN	2,348,055	KLUESENER, BERNARD WILLIAM	2,348,652	LINDBLOM, MARIANNE GUNILLA	2,347,043
JOIE, MICHEL L. F.	2,347,615	KLUTTZ, BRIAN	2,348,691	LINDSAY, JAMES	2,347,692
JOIE, MICHEL L. F.	2,347,618	KLYUSHNENKOVA, ELENA N.	2,347,914	LINDSTROM, PER HARRY RUTGER	2,347,247
JONES, DEREK W.	2,348,066	KLYVE, JON	2,347,683	LINICUS, MATTHIAS	2,347,956
JONES, PHILIP ANDREW	2,348,668	KNIGHT, PETER JAMES	2,348,841	LITTLE, MICHAEL J.	2,348,606
JONSSON, LENA	2,347,247	KO, SOO S.	2,347,909	LIU, HUAQING	2,347,982
JORDAN, GLENN THOMAS IV	2,348,081	KO, SOO S.	2,347,912	LOGG, CHRISTOPHER	2,346,931
JOSEFSSON, LARS	2,347,981	KOBE, JAMES J.	2,347,306	LOGMAN, ROBERT	2,347,355
JOSEPHY, KARL	2,347,830	KOLASA, TEODOZYJ	2,347,982	LOIMAS, SAMI	2,348,624
JUDKINS, RODDIE R.	2,347,009	KOMABA, NOBUYUKI	2,348,632	LOOKE, RICHARD C.	2,347,162
JUDNITCH, ROBERT T.	2,347,154	KONINKLIKE KPN N.V.	2,347,051	LOOSMORE, SHEENA M.	2,345,208
JUNGBLUT, GOTTFRIED	2,348,630	KOOIJMANS, PETRUS GERARDUS	2,348,454	LOPES, CATHERINE	2,346,999
K.U. LEUVEN RESEARCH & DEVELOPMENT	2,347,844	KOOPS, GEERT-HENK	2,347,361	LOPES, TERESA P.	2,347,236
KABUSHIKI KAISHA TOKINO	2,348,614	KORT, MICHAEL E.	2,347,982	LOWY, DOUGLAS R.	2,347,411
KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO	2,348,401	KORTE, DONALD E.	2,347,910	LU, DYUNG AINA M.	2,346,775
KAKUSHO, TOMONARI	2,347,005	KRAEMER, KARL THEODOR	2,347,907	LU, LIANG-JU	2,347,698
KAMIKAWAJI, MINAKO	2,347,813	KRAFT JACOBS SUCHARD R&D, INC.	2,347,043	LUDWIG, CINDY L.	2,347,910
KANE, THOMAS E.	2,347,961	KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH	2,347,842	LUKIANOW, STEPHEN W.	2,347,014
KANEHASHI, KIMIKO	2,347,294	KRONE GMBH	2,347,804	LUKIANOW, STEPHEN W.	2,347,633
KANEKA CORPORATION	2,347,356	KROON, GIJSBERT	2,347,839	LUNDBORG, TOMAS	2,348,663
KANSAS UNIVERSITY MEDICAL CENTER RESEARCH INSTITUTE	2,347,117	KRUMMRICH, PETER	2,347,687	MACKELPRANG, MARK G.	2,347,843
KANSAS UNIVERSITY MEDICAL CENTER RESEARCH INSTITUTE INC.	2,347,117	KRUPP FORDERTECHNIK GMBH	2,348,650	MACKEY, PAUL W.	2,347,357
KAPIN, MICHAEL A.	2,347,863	KUANG, JIANXIN	2,347,535	MACRAE, ROSS JAMES	2,348,086
		KUBOTA, YUKIO	2,347,827	MADRID, LELIA	2,348,792
		KUNEN, DAVID	2,347,631	MAHON, PETER JOHN	2,348,668
		KUROIWA, YUTAKA	2,348,615	MANJUNATH, NARASIMHASWAMY	2,347,119
		KUSKIE, ROBERT	2,347,355		
		KVAERNER PROCESS SYSTEMS A.S.	2,348,790		

Index des demandes PCT entrant en phase nationale

MANNING, MONNA	2,347,036	MIICHI, HIROAKI	2,347,921	NEXTCARD, INC.	2,347,234
MANOREX LIMITED	2,347,947	MIKRUT, BERNARD A.	2,347,925	NEXTCARD, INC.	2,347,362
MANSFIELD, STANLEY	2,347,944	MILBREDT, MANFRED	2,347,838	NIBBELING, HENRICUS	
MANSFIELD, STANLEY	2,348,092	MILLENNIUM COMPLIANCE	2,350,070	THEODORUS MARIA	2,347,051
MANSTORFER, KARL	2,348,628	MILLER, CHARLES E.	2,348,648	NICHOLLS, BRYCE LINDSAY	2,347,804
MARC, MARCEL	2,348,092	MILLER, ERIC	2,347,622	NIELSEN, KARSTEN	2,347,991
MARCH, MICHAEL U.	2,347,974	MILLER, LARRY EUGENE	2,348,081	NIPPON GERMANIUM	
MARINE LIPIDS AS	2,347,159	MILLER, LARRY EUGENE	2,348,652	LABORATORY CO., LTD.	2,347,686
MARIOTON, JEAN-FRANCOIS	2,346,999	MILLS, FIONA J.	2,348,627	NIPPON KAYAKU KABUSHIKI	
MARK, PHILLIP	2,348,096	MINNESOTA MINING AND		KAISHA	2,347,637
MARKS, DAVID NEIL	2,347,819	MANUFACTURING		NIPPON KAYAKU KABUSHIKI	
MARKS, DAVID NEIL	2,348,057	COMPANY	2,347,306	KAISHA	2,347,691
MARKS, DAVID NEIL	2,348,654	MINNESOTA MINING AND		NIPPON SHEET GLASS CO.,	
MARLEN RESEARCH		MANUFACTURING		LTD.	2,348,632
CORPORATION	2,347,969	COMPANY	2,347,955	NISHIZAWA, HIROYASU	2,347,686
MARRA, DOROTHEA C.	2,347,108	MINNESOTA MINING AND		NISSAN CHEMICAL	
MARSH, DAVID G.	2,348,648	MANUFACTURING		INDUSTRIES, LTD.	2,347,813
MARTH, JAMEY D.	2,347,940	COMPANY	2,348,097	NOKIA NETWORKS OY	2,348,456
MASIGNANI, VEGA	2,346,713	MITCHELL, ROBERT K.	2,347,848	NOKIA NETWORKS OY	2,348,457
MASUYAMA, CHIHARU	2,347,107	MITSUBISHI DENKI		NOLTE, OLIVER	2,348,840
MATHIAS, JOHN PAUL	2,347,950	KABUSHIKI KAISHA	2,347,811	NORBERG, LEIF TORBJORN	2,347,247
MATSUMORI, AKIRA	2,347,939	MIYAZAKI, SHOJI	2,347,594	NORDISCHER MASCHINENBAU	
MATSUMOTO, HIROO	2,347,813	MIZELL, JERRY L.	2,347,845	RUD. BAADER GMBH +	
MATSUMOTO, HIROYUKI	2,347,691	MOCHIZUKI, SHINICHI	2,347,107	CO. KG	2,347,220
MATSUMOTO, KAZUAKI	2,347,356	MOCZYGEMBA, GEORGE A.	2,347,535	NORTEL NETWORKS LIMITED	2,347,845
MATSUSHITA ELECTRIC		MOLECULAR MACHINES &		NOVARTIS AG	2,347,025
INDUSTRIAL CO., LTD.	2,347,594	INDUSTRIES GMBH	2,347,923	NOVASSO OY	2,347,967
MATSUSHITA ELECTRIC		MONTWILL, BARBARA	2,348,452	NOVEMBER	
INDUSTRIAL CO., LTD.	2,348,659	MOORE, KENNETH A.	2,348,408	AKTIENGESELLSCHAFT	
MATSUURA, TOMOKO	2,347,840	MORA, MARIROSA	2,346,713	GESELLSCHAFT FUR	
MATSUZAWA, TOSHIO	2,347,637	MORBER, BERTHOLD	2,348,429	MOLEKULARE MEDIZIN	2,348,053
MAW, GRAHAM NIGEL	2,347,950	MORII, TOSHIYUKI	2,348,659	NOVOZYMES A/S	2,346,929
MAX-PLANCK-GESELLSCHAFT		MORIN, MICHAEL	2,348,691	NOWAK, EDWARD ZBYGNIW	2,348,843
ZUR FORDERUNG DER		MORIWAKI, YUKIKO	2,347,954	NTT DOCOMO, INC.	2,347,696
WISSENSCHAFTEN E.V.	2,346,776	MORRIS, MICHAEL ALAN	2,348,075	NTT DOCOMO, INC.	2,347,840
MAY, THOMAS	2,347,925	MOSCA, JOSEPH D.	2,347,914	NUMAR CORPORATION	2,348,670
MAYO FOUNDATION FOR		MOSES, CHARLEY D., JR.	2,347,162	NYCOMED IMAGING AS	2,347,915
MEDICAL EDUCATION		MOSHASHEE, SAIED	2,348,084	NYQVIST, HAKAN	2,348,084
AND RESEARCH	2,347,828	MOSKOWITZ, KEITH A.	2,348,612	NYSTROM, JOHAN	2,347,946
MC INTOSH, KEVIN R.	2,347,914	MOSTAFAVI, HASSAN	2,347,944	OBSCHESTVO S	
MCCARTY, CATHERINE M.	2,347,982	MOSTAFAVI, HASSAN	2,348,091	OGRANICHENNOI	
MCDONALD, WILLIAM F.	2,347,293	MOSTAFAVI, HASSAN	2,348,092	OTVETSTVENNOSTIJU	
MCGANN, LAURENCE	2,348,455	MOTTRAM, TOBY TREVOR		"LIGPHARM"	2,348,767
MCGINN, JOSEPH THOMAS	2,347,978	FURY	2,347,859	OBUKOWICZ, MARK G.	2,347,910
MCGROGAN, ELLWOOD	2,347,011	MOYER, LEE	2,348,616	OBUN INSATSU CO., LTD.	2,348,661
MCGROGAN, ELLWOOD	2,347,806	MOZDZIERSKI, ZBIGNIEW	2,347,640	OCTAVE COMMUNICATIONS,	
MCGUINNESS, CHARLOTTE M.	2,348,090	MULLER, MATTHEW R.	2,347,618	INC.	2,347,230
MCINTIRE, GREGORY L.	2,347,915	MULLER-WALZ, RUDI	2,347,856	ODAK, SANJAY V.	2,347,615
MCKINLEY, GEOFF A.	2,348,691	MULLET, WILLIS J.	2,348,784	ODDSEN, ODD N., JR.	2,347,805
MECKLENFELD, HERMANN	2,348,650	MUNCASTER, BARRY JOHN	2,348,843	OELMULLER, UWE	2,348,054
MEDIC-AID LIMITED	2,347,699	MUNENO, YOSHIIYUKI	2,347,637	OFIR, AMIRAM	2,347,834
MEDICAL RESEARCH COUNCIL		MUNSON, CURTIS L.	2,347,832	OGASAWARA, KOICHI	2,347,696
	2,346,927	NAGANO, JUNICHI	2,347,811	OHNO, SEIJI	2,348,632
MEDUSKI, JERZY	2,348,693	NAGAOKA, TATSUJI	2,347,840	OHNUMA, TAKESHI	2,347,921
MEEKS, ERIC R.	2,347,234	NAGARAJAN, SRINIVASAN R.	2,347,910	OHTAKI, TETSUYA	2,347,294
MEEKS, ERIC R.	2,347,362	NAKAJIMA, SHIGETO	2,347,954	OISHI, KAZUYUKI	2,347,160
MEKTRON SYSTEMS LIMITED	2,348,589	NAKAMURA, SHIGERU	2,347,921	O'KEEFE, DONALD R.	2,348,647
MEMSOLUTIONS, INC.	2,348,606	NAKAYAMA, JUNKO	2,347,594	OKUNJI, CHRISTOPHER O.	2,347,926
MENIF, RACHED	2,348,458	NAKAYAMA, MASATOSHI	2,347,811	O'LEARY, NICHOLAS	2,348,079
MENON, SUKUMARAN K.	2,347,925	NANKAI, SHIRO	2,347,594	OLLERO NOVO, MARIA DEL	
MERCK PATENT		NAOI, NOBUHISA	2,347,921	MAR	2,347,693
GESELLSCHAFT MIT		NASH, LARRY L.	2,347,535	OLMEDO DIEZ, RAFAEL	2,347,958
BESCHRANKTER		NEUBERGER, MICHAEL		OLSEN, ARNE AGERLIN	2,346,929
HAFTUNG	2,348,693	SAMUEL	2,346,927	OLSON, KATHLEEN L.	2,347,925
MERRILL, WILLIAM W.	2,348,097	NEUMAN, MENAHEM	2,346,776	O'MAHONY, DANIEL JOSEPH	2,347,700
METALLGESELLSCHAFT AG	2,347,956	NEUROTECH S.A.	2,347,928	OMS HOLDINGS, LLC	2,347,108
METZ, SUZANNE	2,347,910	NEW AGE BIOMATERIALS, INC.		OMURA, SATOSHI	2,348,658
MEZAACHE, DJELILA	2,348,451		2,348,066	ONO, YOSHITAKA	2,347,356
MICROBRUSH CORPORATION	2,348,096	NEWELSKI, WALDEMAR	2,347,640		
MICROGENOMICS, INC.	2,346,743	NEWMAN, DONALD JAMES	2,348,619		

Index of PCT Applications Entering the National Phase

ONYX PHARMACEUTICALS, INC.	2,348,634	PORTER, JOHN ROBERT	2,347,701	ROGIER, DONALD J., JR.	2,347,910
OOTORI, YASUHIRO	2,348,618	PORTMAN, ROBERT	2,348,067	ROHDE, JEFFREY J.	2,347,982
OPENTV, INC.	2,347,006	PORTOLA PACKAGING, INC.	2,348,050	RON, BENYAMIN	2,347,659
OPHTECS CORPORATION	2,347,921	POWER, GARY	2,348,058	RONDEAU, GEORGES E.	2,347,615
OPTA FOOD INGREDIENTS, INC.	2,347,360	POWER, LESLIE	2,348,616	ROSENBAUM, BENJAMIN	2,348,616
ORIGIN ENERGY LPG LIMITED	2,348,055	PRINCE, IVAN RICHARD	2,347,699	ROSENFELD, ARON MARCUS	2,347,831
OSBORN GROUP, INC.	2,347,054	PROCKOP, DARWIN J.	2,348,770	ROSENMUND, CHRISTIAN	2,346,776
OSIPOW, LLOYD I.	2,347,108	PROPST, MEISA	2,348,634	ROSKA, FRED J.	2,348,097
OSIRIS THERAPEUTICS, INC.	2,347,914	PRYOR, JAMES NEIL	2,347,632	ROSS, SAMIR A.	2,348,695
OSTROW, ALVIN S.	2,347,361	PUGH, GAVIN SCOTT	2,347,688	ROUSSEAU, KEVIN G.	2,347,232
OTSUKA, RYOICHI	2,348,401	PUGH, GAVIN SCOTT	2,348,076	ROWE, STEPHEN ANTONY	2,347,694
OTTO, BERNHARD	2,347,223	PUROHIT, DILIP R.	2,347,690	RUDD, WILLIAM E.	2,347,013
OVENSHERE, CLAYTON S.	2,347,925	PYNENBURG, RORY ALBERT JAMES	2,348,668	RUDIE, NOEL G.	2,347,360
OVERBEEK, RUDOLF A.	2,348,625	PYROSEQUENCING AB	2,347,247	RUDNIC, EDWARD M.	2,348,090
OXMAN, JOEL D.	2,347,955	QIAGEN GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,348,054	RUNYAN, DANIEL	2,348,620
PACTIV CORPORATION	2,348,666	QUINN, JEFFREY	2,347,951	RUSSO, SEBASTIAN	2,346,776
PADDA, RANBIR SINGH	2,348,673	Q-VIS LIMITED	2,347,149	SADLOWSKI, EUGENE STEVEN	2,347,695
PADIN, JOEL	2,347,832	RABENHORST, JURGEN	2,347,908	SAITO, FUMIO	2,347,921
PALMER, MITCHELL J.	2,347,621	RADELET, CHRISTIAAN	2,347,841	SAITO, HIROJI	2,347,840
PAN, CHRISTOPHER CHIA SHYONG	2,347,802	RADER, RICHARD SCOTT	2,347,622	SAITO, KENICHIRO	2,348,407
PANDOLFO, ANTHONY GAETANO	2,348,668	RAGLAND, CHRISTOPHER V.	2,347,948	SAKAI, MIEKO	2,348,407
PARAGGIO, RONALD	2,347,806	RAGLAND, RAYMOND E.	2,347,948	SAKAI, YUJI	2,347,811
PARIS, CECILE	2,348,691	RAIDEN, MICHAEL G.	2,348,451	SAKAI, YUSUKE	2,348,048
PARKER HUGHES INSTITUTE	2,347,922	RAJAGOPALAN, RUKMINI	2,347,109	SAKAMOTO, KUNIHICO	2,347,827
PARKERVISION, INC.	2,347,162	RAJANIEMI, JAAKKO	2,348,456	SALE, JULIAN EDWARD	2,346,927
PATEL, MEENA V.	2,347,982	RAJANIEMI, JAAKKO	2,348,457	SALONEN, JANNE	2,348,457
PATTERSON, CHANDRA	2,348,046	RAJOPADHYE, MILIND	2,346,935	SALTER LABS	2,348,455
PAUL REED SMITH GUITARS, LIMITED PARTNERSHIP	2,347,359	RAMAMURTHY, SRINIVAS	2,347,846	SALTER, PETER W.	2,348,455
PAUL, GEORGE LANGE	2,348,668	RANDAHN, TORBJORN	2,347,010	SAMPSON-JOHANNES, ADAM	2,348,634
PEARCE, J. BRADLEY	2,347,948	RANDEN, NEIL A.	2,346,809	SANDMAIR, ANU-MAARIA	2,348,624
PEHRSON, JENS ERLAND	2,348,669	RANDLES, STEVEN JAMES	2,347,821	SANGHVI, PRADEEPKUMAR P.	2,348,451
PELLICANO, JOHN	2,347,621	RAPPUOLI, RINO	2,346,713	SANGHVI, PRADEEPKUMAR P.	2,348,452
PEREIRA, DESIREE	2,348,452	RATTI, GIULIO	2,346,713	SANKYO CO., LTD.	2,347,107
PERROTT, COLIN MAURICE	2,348,075	RAWLINS, GREGORY S.	2,347,162	SANOPI-SYNTHELABO	2,347,853
PERRY, MARK J.	2,348,427	RAWLINS, MICHAEL W.	2,347,162	SANTA CRUZ, DIEGO	2,348,622
PETERSON, JEREMY	2,346,713	RAWSON, DAVID JAMES	2,347,950	SANTELLA, JOSEPH B., III	2,347,909
PETIARD, VINCENT	2,347,970	RAYTHEON COMPANY	2,347,013	SANTELLA, JOSEPH B., III	2,347,912
PETUKHOV, DMITRY VIKTOROVICH	2,348,767	RECKITT & COLMAN PRODUCTS LIMITED	2,348,079	SANTI, JOHN	2,347,848
PEVARELLO, PAOLO	2,347,060	RECTICEL	2,347,008	SARNOFF CORPORATION	2,347,627
PFIZER INC.	2,347,950	REDDY, PRAMOD KAKUMANU	2,347,695	SARTOR, JOE D.	2,347,949
PFIZER RESEARCH AND DEVELOPMENT COMPANY, N.V./S.A.	2,348,086	REECE, DAVID	2,332,005	SASAKI, CHIYOSHI	2,348,618
PFLUG, JOCHEN	2,347,844	REGIUS, CHRISTIAN THOMAS	2,348,673	SASSE, PHILIP	2,332,005
PHARMACIA & UPJOHN SPA	2,347,060	REISS, RUSSELL G.	2,348,770	SATO, TAKA-AKI	2,348,658
PHILADELPHIA HEALTH & EDUCATION CORPORATION	2,348,770	REMKE, MATTHEW S.	2,347,948	SATO, TAKA-AKI	2,348,658
PHILLIPS PETROLEUM COMPANY	2,347,535	RETTKER, JAMES P.	2,347,830	SAYNATIJOKEI, ELINA	2,347,967
PHILLIPS, RICHARD P.	2,348,072	REZTSOVA, VALENTINA VASILIEVNA	2,348,767	SCARLATO, VINCENZO	2,346,713
PHOTOGEN, INC.	2,348,094	RHODES, LAWRENCE JOHN	2,347,925	SCARSELLI, MARIA	2,346,713
PILAT, JAMES F., JR.	2,348,404	RHODIA CONSUMER SPECIALTIES LIMITED	2,348,673	SCHERING CORPORATION	2,348,841
PINCHUK, BORIS	2,348,767	RIAZIAT, MAJID L.	2,347,944	SCHIERING, WOLFGANG	2,348,429
PIRELLI CABLES AND SYSTEMS LLC	2,347,951	RIAZIAT, MAJID L.	2,348,092	SCHILLER, JOHN T.	2,347,411
PIZZA, MARIAGRATIA	2,346,713	RICHARDSON, LARRY D.	2,347,232	SCHMALTZ, DALE F.	2,347,014
PLATVOET, ERWIN M.	2,348,625	RICHTER, GEORGE NEAL	2,348,787	SCHOENMAN, ARTHUR L.	2,347,949
POEHLMAN, ART	2,347,848	RINNE, MIKKO	2,348,457	SCHOONOVER, JAMES M.	2,347,639
POFFENBERGER, CRAIG	2,347,036	RIZKALLA, AMIN S.	2,348,066	SCHORR, JOACHIM	2,348,054
POLLMAN, RUSS D.	2,348,627	ROBB, TERRENCE	2,347,620	SCHUMACHER, VOLKER	2,347,223
POMMERVILLE, PETER J.	2,347,110	ROBB, TERRENCE	2,347,643	SCIMED LIFE SYSTEMS, INC.	2,347,154
POMOELL, HARRI	2,347,967	ROBERTS, ROSWELL R., III	2,348,051	SCOTT, TIMOTHY	2,348,094
		ROBINS, DANIEL S.	2,348,841	SEAQUIST CLOSURES FOREIGN, INC.	2,347,703
		ROBINSON, GEORGE WALTER	2,347,692	SEEGER, STEFAN	2,347,923
		ROBINSON, WILLIAM P.	2,348,606	SEILENBINDER, DICK	2,347,848
		RODRIGUEZ, YAN	2,348,784	SEKISUI CHEMICAL CO., LTD.	2,347,160
		ROGERS, RICHARD	2,348,640	SENDA, HARUYASU	2,347,811
		ROGERS, WILLIAM D.	2,348,640	SENJU PHARMACEUTICAL CO., LTD.	2,348,048
		ROGGEN, ERWIN LUDO	2,346,929	SENKAN, SELIM MEHMET	2,347,697
				SEPPEY, JEAN-PIERRE	2,348,613
				SERGIO, ROBERTO M.	2,347,629
				SERMED INDUSTRIES INC.	2,347,629
				SETOGUCHI, YUII	2,347,160
				SEVESO, MICHELA	2,347,700

Index des demandes PCT entrant en phase nationale

SHAH-NAZAROFF, ANTHONY A.	2,348,408	SPECTRUMEDIX CORPORATION	2,347,961	TELEFONAKTIEBOLAGET LM ERICSSON	2,348,664
SHAO, ZEZHI JESSE	2,348,841	SPEICHER, EARL R.	2,347,925	TELEFONAKTIEBOLAGET LM ERICSSON	2,348,669
SHEFFIELD, WILLIAM F.	2,348,647	SPINDELBALKER, RUPERT	2,347,052	TENTE-ROLLEN GMBH & CO.	2,347,838
SHEFI, ADAM	2,347,659	SPLITZER, J. GEORGE	2,347,108	TERADYNE, INC.	2,347,236
SHELL INTERNATIONALE RESEARCH		SQUARE D COMPANY	2,347,690	TERAO, YASUKO	2,347,294
MAATSCHAPPIJ B.V.	2,348,453	STANIAK, KRYSSTOF	2,347,947	TESCHMACHER, LOWELL E.	2,348,051
SHELL INTERNATIONALE RESEARCH		STARGUIDE DIGITAL NETWORKS, INC.	2,348,051	TETTELIN, HERVE	2,346,713
MAATSCHAPPIJ B.V.	2,348,454	STAVRULOV, IGOR		TETZLAFF, PHILIP M.	2,347,014
SHERRIS, DAVID A.	2,347,828	ANATOLIEVICH	2,348,424	TEXACO DEVELOPMENT CORPORATION	2,348,787
SHERWOOD SERVICES AG	2,347,014	STAVRULOV, IGOR		THAKUR, MADHUKAR MATHEW L.	2,348,617
SHERWOOD SERVICES AG	2,347,633	ANATOLIEVICH	2,348,425	THARMAN, PAUL	2,347,848
SHERWOOD SERVICES AG	2,347,949	STEEBER, DORIAN F.	2,348,426	THE BOEING COMPANY	2,348,626
SHIH, CHUNG	2,348,841	STEIN, LOUIS, EDWARD	2,348,453	THE GENERAL HOSPITAL CORPORATION	2,347,915
SHIMADA, KAZUHIKO	2,347,160	STERN-BACH, YAEL	2,346,776	THE GILLETTE COMPANY	2,347,975
SHIMIZU, ISAO	2,348,661	STEWART, ANDREW O.	2,347,982	THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE	2,347,411
SHIMKETS, RICHARD A.	2,347,293	STEWART, BOB W.	2,348,788	THE INSTITUTE FOR GENOMIC RESEARCH	2,346,713
SHIMKETS, RICHARD A.	2,347,625	STIFTINGER, MICHAEL	2,346,999	THE KITASATO INSTITUTE	2,348,658
SHINTANI, YASUSHI	2,347,294	STIVLAND, TIMOTHY	2,348,074	THE LAITRAM CORPORATION	2,348,426
SHIRASAKI, YASUO	2,347,691	STIVLAND, TIMOTHY M.	2,348,073	THE MEAD CORPORATION	2,347,636
SHIRATORI, TOSHIKAZU	2,347,005	STONNER, HANS-MARTIN	2,347,956	THE PROCTER & GAMBLE COMPANY	2,346,691
SHIRE LABORATORIES, INC.	2,348,090	STOPPEL, PAUL	2,347,622	THE PROCTER & GAMBLE COMPANY	2,346,691
SIEMENS		STREET, STEPHEN DEREK ALBERT	2,347,950	THE PROCTER & GAMBLE COMPANY	2,347,693
AKTIENGESELLSCHAFT	2,347,687	STRUSZCZYK, HENRYK	2,347,967	THE PROCTER & GAMBLE COMPANY	2,347,695
SIEMENS		STT HOLDING AB	2,347,874	THE PROCTER & GAMBLE COMPANY	2,347,809
AKTIENGESELLSCHAFT		STUART, RICHARD KINGSLEY JR.	2,348,785	THE PROCTER & GAMBLE COMPANY	2,348,081
OSTERREICH	2,348,633	STUPIN, STEVEN	2,347,355	THE PROCTER & GAMBLE COMPANY	2,348,458
SILDVE, PETER O.	2,347,629	STURZENBECKER, MARTIN CLARENCE	2,348,082	THE PROCTER & GAMBLE COMPANY	2,348,652
SILHOUETTE INTERNATIONAL SCHMIED GMBH & CO. KG	2,347,052	STYCYNSKI, PETER	2,347,975	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,347,940
SILVERBROOK RESEARCH PTY. LIMITED	2,347,168	SUGAHARA, MASAMICHI	2,348,661	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,348,789
SILVERBROOK, KIA	2,347,168	SUGAMURA, KAZUO	2,347,409	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2,344,696
SIMMONS, KENNETH J.	2,348,666	SUGIMOTO, NAOKI	2,348,615	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	2,347,832
SINGH, BAWA	2,347,978	SUPERGEN, INC.	2,347,913	THE UNIVERSITY OF MISSISSIPPI	2,348,695
SINKER, ALASTAIR BRENTON	2,347,354	SUPIC, ATTILA	2,347,853	THE UNIVERSITY OF QUEENSLAND	2,347,917
SIVIK, MARK ROBERT	2,348,081	SUZUKI, YUJIRO	2,348,658	THOMAS JEFFERSON UNIVERSITY	2,348,617
SIVIK, MARK ROBERT	2,348,652	SYED, SAMI	2,347,643	THOMPSON, ROBERT IAN GEORGE	2,347,821
SKOROBOGATYKH, VLADIMIR ARKADIEVICH	2,347,634	SYED, SAMI	2,348,071	THORPE, SUZANNE R.	2,347,117
SLATER, JOSEPH ARTHUR	2,348,056	SZEDLOCK, SCOTT J.	2,348,451	TOMOGUCHI, MASARU	2,347,005
SMITH, JACK W.	2,347,359	TABAK, DAVID	2,346,291	TORDIL, HELEN BERNARDO	2,346,691
SMITH, KELLY B.	2,347,615	TAKAKURA, YOSHIMITSU	2,347,218	TORKLER, CONRAD	2,347,220
SMITH, KELLY B.	2,347,618	TAKEDA CHEMICAL INDUSTRIES, LTD.	2,347,294	TOWNSEND, JOHN A.	2,347,685
SMITH, PAUL REED	2,347,359	TALLEY, JOHN J.	2,347,910	TRAQUANDI, GABRIELLA	2,347,060
SMITH, ROBERT	2,347,012	TALLY, JOHN D., JR.	2,347,926		
SMITH, ROBERT	2,348,055	TAM, EUGENE JINGLUN	2,347,846		
SMYTHE, MARK LESLIE	2,347,917	TANABE, SETSUHISA	2,348,615		
SNAP-ON TECHNOLOGIES, INC.	2,348,646	TANAKA, YOSHITAKE	2,348,658		
SNOW BRAND MILK PRODUCTS CO., LTD.	2,347,107	TANG, Y. TOM	2,346,775		
SOCIETE DES PRODUITS NESTLE S.A.	2,347,682	TANG, Y. TOM	2,348,046		
SOCIETE DES PRODUITS NESTLE S.A.	2,347,970	TANNENBAUM, JOSEPH	2,347,361		
SOLA INTERNATIONAL HOLDINGS LTD.	2,348,075	TAO, WENG	2,347,928		
SOLLAC-FOS.	2,346,999	TAYLOR, CHRISTOPHER L.	2,348,791		
SONNTAG, HANS-GUNTER SONY COMPUTER ENTERTAINMENT INC.	2,348,840	TAYLOR, NATALIE MARGUERITA	2,347,149		
SORRELLS, DAVID F.	2,347,162	TEAL, PAUL	2,347,056		
SOUNDCRAFT, INC.	2,348,642	TEGELER, GARRY	2,348,691		
SOUTHWIRE COMPANY	2,332,005	TELEFONAKTIEBOLAGET LM ERICSSON	2,347,010		
SPECKHART, FRANK H.	2,348,639	TELEFONAKTIEBOLAGET LM ERICSSON	2,347,946		
		TELEFONAKTIEBOLAGET LM ERICSSON	2,348,622		
		TELEFONAKTIEBOLAGET LM ERICSSON	2,348,663		

Index of PCT Applications Entering the National Phase

TREACY, DONALD J.	2,348,090	VIA, INC.	2,347,642	WYDER, HANS	2,348,628
TRELLEBORG AB	2,348,619	VILKOV, BORIS NIKOLAEVICH	2,346,831	YAMAGISHI, MASAHIKO	2,347,059
TREMBLAY, CLEMENT	2,347,638	VILLA, MANUELA	2,347,060	YAN, SAU-CHI BETTY	2,347,250
TRI TOOL INC.	2,347,638	VIOLA, FRANK J.	2,347,621	YANG, MEIJI	2,347,293
TRIAL, THIERRY	2,347,951	VISHNOI, ROHIT	2,347,618	YANG, RALPH T.	2,347,832
TRINH, TOAN	2,346,691	VISHNOI, ROHIT	2,347,626	YANG, YAN-PING	2,345,208
TROFIMOV, VALERY		VOEST-ALPINE		YANMAR DIESEL ENGINE CO.,	
AFANASIEVICH	2,348,767	INDUSTRIENLAGENBAU		LTD.	2,347,827
TROM, MATT C.	2,347,955	GMBH	2,346,999	YARUSSO, DAVID J.	2,347,306
TRUBAC, ROBERT E.	2,348,625	VON DER OSTEN, CLAUD	2,346,929	YASUNAGA, KAZUTOSHI	2,348,659
TRUEBENBACH, ERIC L.	2,347,236	VON STILLFRIED, CHRISTOPH	2,347,222	YISSUM RESEARCH AND	
TSUDA, EISUKE	2,347,107	VOORHEES, JOHN J.	2,344,696	DEVELOPMENT	
TSUNEISHI, HIROSHI	2,347,356	VOS, ERIC JOHANNES	2,348,454	COMPANY OF THE	
TYCO ELECTRONICS		VULPETTI, ANNA	2,347,060	HEBREW UNIVERSITY OF	
RAYCHEM NV	2,347,841	W.R. GRACE & CO.-CONN.	2,347,632	JERU	2,346,776
UCB, S.A.	2,348,058	WACKER, DEAN A.	2,347,909	YLA-HERTTUALA, SEPPO	2,348,624
UCKUN, FATIH M.	2,347,922	WACKER, DEAN A.	2,347,912	YLITALO, DAVID A.	2,348,783
UEKI, JUN	2,347,218	WAKAIZUMI, MARIKO	2,347,840	YLITALO, PAULI	2,347,967
UENO, RYUZO	2,348,401	WALLER, JONATHAN	2,332,005	YOKOMIZO, OSAMU	2,347,059
UHLEN, MATHIAS	2,347,960	WALTER REED ARMY		YONEDA, TOYOAKI	2,347,921
ULLMANN, SUSANNE	2,348,054	INSTITUTE OF RESEARCH	2,347,926	YOSHIOKA, TOSHIHIKO	2,347,594
ULLRICH HOLDINGS LTD.	2,347,056	WALTERS, JAMES ALLEN	2,348,082	YUAN, CHIENKUO RONNIE	2,347,360
UNGAR, GERT	2,347,956	WANG, HENRY	2,348,071	YUE, HENRY	2,346,775
UNITED STATES SURGICAL		WANG, THOMAS	2,348,691	YUGAWA, KEIKO	2,347,594
CORPORATION	2,347,621	WARCOP INVESTMENT LTD.	2,347,659	YUNG, MARCEL M.	2,347,007
UNITED STATES SURGICAL		WARE, NICK	2,332,005	ZAGLER, BERTRAM	2,348,633
CORPORATION	2,347,622	WARRELOW, GRAHAM JOHN	2,347,701	ZEDALIS, MIKE	2,347,639
UNIVERSITY OF		WARREN, JACK	2,347,837	ZERVEN, MATISS JONAS	2,348,664
MASSACHUSETTS	2,347,979	WARREN, JACK	2,348,087	ZHANG, B. BARRY	2,347,698
UNIVERSITY OF SOUTH		WASICEK, LAWRENCE	2,347,628	ZIERENBERG, BERND	2,348,403
CAROLINA	2,347,117	WATANABE, KOJI	2,348,658	ZURITA, GERARD	2,346,999
UNIVERSITY OF SOUTHERN		WATANABE, MOTOKAZU	2,347,594		
CALIFORNIA	2,346,931	WATANABE, TAKUYA	2,347,294		
UPONOR INNOVATION AB	2,348,423	WATERSON, JAMES R.	2,347,925		
UT-BATTELLE, LLC	2,347,009	WAYNE-DALTON CORP.	2,348,784		
VAN DER PUIL, NELLEKE	2,348,625	WEBER, MARTIN	2,348,054		
VAN DER STRATEN,		WEEKS, GREGORY	2,348,450		
RODOLPHE	2,348,058	WEINGARTEN, MARCO	2,348,628		
VAN EIJDHOVEN, MARIA DE		WEISKE, CLAUS-JORG	2,347,687		
JESUS	2,347,819	WEISS, HANNELORE	2,348,840		
VAN EIJDHOVEN, MARIA DE		WEISS, HANS-ERICH	2,348,840		
JESUS	2,348,057	WELLS, TIMOTHY N.	2,347,622		
VAN EIJDHOVEN, MARIA DE		WESTBERG, TOM	2,347,615		
JESUS	2,348,654	WESTBERG, TOM	2,347,618		
VAN GAALEN, RONALD		WESTBERG, TOM	2,347,626		
PETRUS CLEMENS	2,348,454	WEYERHAEUSER COMPANY	2,348,648		
VAN HORN, WALTER	2,348,455	WEYMEERSCH, ALAIN	2,347,169		
VAN SAARLOOS, PAUL		WHITE, DAVID A.	2,347,628		
PHILLIP	2,347,149	WHITSETT, JEFFREY A.	2,347,248		
VANDEN BRANDE, PIERRE	2,347,169	WHITTLINGER, DAVID E.	2,347,036		
VANDLIK, MARK R.	2,347,618	WILCOX, RUSSELL J.	2,347,866		
VANDLIK, MARK R.	2,347,626	WILLIAMS, ANGELICA	2,348,634		
VANGEN, GUNNAR	2,348,790	WILLIAMS, CHRISTOPHER D.	2,348,408		
VANLUCHE, YVAN	2,347,008	WILSON, KIRK A.	2,347,009		
VAPALAHTI, MATTI	2,348,624	WILSON, MAHLON S.	2,348,789		
VARIAN MEDICAL SYSTEMS,		WINTER, JOHN DUCKETT	2,348,787		
INC.	2,347,944	WISTUBA, HERMANN	2,347,223		
VARIAN MEDICAL SYSTEMS,		WOLF, GERALD L.	2,347,915		
INC.	2,348,091	WONG, CHIU P.	2,348,097		
VARIAN MEDICAL SYSTEMS,		WONG, SHOU	2,347,928		
INC.	2,348,092	WONG, WENDY	2,347,643		
VASS, STEVEN GEORGE	2,347,859	WONG, WENDY	2,348,071		
VASSALLO, ANTHONY		WOOD, ANTHONY	2,347,950		
MICHAEL	2,348,668	WOOD, WINFIELD JR.	2,347,629		
VEGA, JOSE LUIS	2,347,693	WOODS, TANYA L.	2,347,357		
VENTER, J. CRAIG	2,346,713	WOODWARD, GARY	2,348,673		
VERDERBDER, RUDOLPH R.	2,348,050	WRENN, SIMEON M., JR.	2,347,913		
VERPOEST, IGNACE	2,347,844	WULFF, MARKETTA	2,347,967		
VETROV, VLADIMIR V.	2,347,634	WUOLIJOKI, ERKKI	2,347,967		
		WUTTKE, GILBERT	2,348,403		

Index of Canadian Divisional and Previously Unavailable Laid-Open applications

Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

AFFYMETRIX, INC.	2,348,689
ALDWIN, LOIS	2,348,689
BUCHKO, CHRISTOPHER J.	2,348,689
CATES, GORDON D., JR.	2,349,069
DRIEHUYS, BASTIAAN	2,349,069
FODOR, STEPHEN P.A.	2,348,689
HAPPER, WILLIAM	2,349,069
MIRON, ELI	2,349,069
MODLIN, DOUGLAS N.	2,348,689
MOORE, KENNETH G.	2,348,682
ROSS, DEBRA A.	2,348,689
SAAM, BRIAN	2,349,069
THE TRUSTEES OF PRINCETON UNIVERSITY	2,349,069
WALTER, DANIEL	2,349,069
WINKLER, JAMES L.	2,348,689