

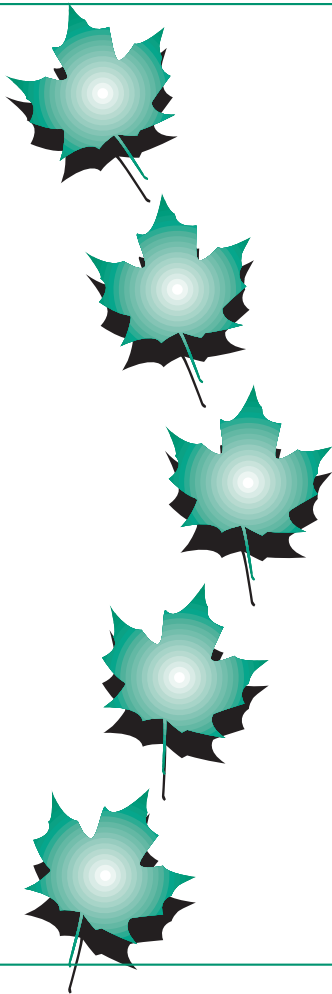


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Vol. 129, N° 8 le 20 février 2001

Canada

CIPO  OPIC

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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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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Table of Contents

Table des matières

Notices	
Avis	1
Canadian Patents Issued	
Brevets canadiens délivrés	23
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public	59
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale	91
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant	139
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés	141
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public	149
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale	155
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	163

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, 2000 will be shown as 2000-01-02.

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 2000, par exemple, sera représenté par 2000-01-02.

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 Codes

A complete list of country codes has been published in the October 24, 2000 issue of the Canadian Patent Office Record 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 an alphabetical listing of subject matter titles for the various classes by writing a request 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.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Codes 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.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of ten dollars (\$10) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

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Courriel: tic@micromedia.on.ca

B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

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- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
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Courriel: tic@micromedia.on.ca

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

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. 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.

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. 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.

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.

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.

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. 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.

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.

Notices

10. List of Patents Available for Licence or Sale

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

2,113,850
2,166,358
2,201,278
2,251,984

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. 1,162,700 which issued on February 21, 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.

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.

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).

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

2,113,850
2,166,358
2,201,278
2,251,984

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 21 février 1984 sont maintenant expirés, jusque et y compris le no. 1,162,700. 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. 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. 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.

Avis

14. Patent Cooperation Treaty (PCT)

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

SCHEDULE OF FEES APPLICABLE AS OF JANUARY 01, 2001

BARÈME DE TAXES À PARTIR DU 1 JANVIER 2001

FEES	AMOUNTS	TAXES	MONTANTS
	\$		\$
1. Transmittal Fee: (Rule 14)	200.00	1. Taxe de transmission: (Règle 14)	200,00
2*. Basic Fee: (Rule 15.2(a))	562.00	2*. Taxe de base: (Règle 15.2(a))	562,00
Amount for each additional sheet over 30	13.00	Montant pour chaque feuille au delà de 30	13,00
3. Designation Fee: (Rule 15.2(a))	121.00	3. Taxe de désignation (par pays) (Règle 15.2(a))	121,00
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		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 \$.	
4. International Search Fee	1,249.00	4. Taxe de recherche internationale	1 249,00
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.		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.	
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.		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. Late Payment Fee	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee	5. Taxe pour paiement tardif	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
Preliminary Examination		Examen préliminaire	
6. Handling Fee:	287.51 Deutsche Marks (Rule 57.2(a)) 147.00 Euro Dollars	6. Taxe de traitement:	287,51 marks allemands (Règle 57.2(a)) 147,00 dollars euro
7. Preliminary Examination Fee:	2,998.29 Deutsche Marks (Rule 58) 1,533.00 Euro Dollars	7. Taxe d'examen préliminaire:	2 998,29 marks allemands (Règle 58) 1 533,00 dollars euro

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.

Les taxes d'examen préliminaire sont payables en Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées au Office Receveur de Canada.

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

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

Notices

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>.

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>.

Avis

16. Updated Patent Correspondence Procedures

For the purposes of subsections 5(2) and 54(1) of the *Patent Rules*, the address for the Patent Office and the Commissioner of Patents is:

Canadian Intellectual Property Office
Place du Portage I, 3rd Floor
50 Victoria Street
Hull, Quebec
K1A 0C9
Tel: (819) 997-1727

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, the following are the designated establishments or offices to which correspondence addressed to the Commissioner of Patents may be delivered:

- 1) The Registered Mail Service of Canada Post
- 2) Industry Canada
Journal Tower South
365 Laurier Avenue West
Ground Floor
Ottawa, Ontario K1A 0C8
Tel.: (613) 990-4582
- 3) Industry Canada
5 Place Ville-Marie
Suite 700
Montreal, Quebec H3B 2G2
Tel.: (514) 496-1797
- 4) Industry Canada
151 Yonge Street, 4th Floor
Toronto, Ontario M5C 2W7
Tel.: (416) 973-5000
- 5) Industry Canada
Canada Place
9700 Jasper Avenue, Suite 540
Edmonton, Alberta T5J 4C3
Tel.: (403) 495-4782
- 6) Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver, B.C. V6B 6E1
Tel.: (604) 666-5000

16. Mise à jour des procédures concernant la correspondance pour les brevets

Aux fins des paragraphes 5(2) et 54(1) des *Règles sur les brevets*, l'adresse qui suit correspond à celle du Bureau des brevets et du bureau du commissaire aux brevets:

Office de la propriété intellectuelle du Canada
Place du Portage I, 3^e étage
50, rue Victoria
Hull (Québec)
K1A 0C9
Tél. : (819) 997-1727

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, les établissements ou bureaux suivants constituent les endroits désignés où peut être livrée la correspondance destinée au commissaire aux brevets:

- 1) Service du courrier recommandé de la Société canadienne des postes
- 2) Industrie Canada
Immeuble Journal Sud
365, avenue Laurier Ouest
Rez-de-chaussée
Ottawa (Ontario) K1A 0C8
Tél. : (613) 990-4582
- 3) Industrie Canada
5, Place Ville-Marie
Bureau 700
Montréal (Québec) H3B 2G2
Tél. : (514) 496-1797
- 4) Industrie Canada
151, rue Yonge, 4^e étage
Toronto (Ontario) M5C 2W7
Tél. : (416) 973-5000
- 5) Industrie Canada
Place du Canada
9700, avenue Jasper, bureau 540
Edmonton (Alberta) T5J 4C3
Tél. : (403) 495-4782
- 6) Industrie Canada
Library Square
300, rue Georgia Ouest, bureau 2000
Vancouver (Colombie-Britannique) V6B 6E1
Tél. : (604) 666-5000

Notices

In accordance with Section 8.1 of the Patent Act and for the purpose of subsections 5(6) and 54(5) of the Patent Rules, correspondence addressed to the Commissioner of Patents may be sent by facsimile to the following facsimile numbers:

(819) 953-CIPO (953-2476) or
(819) 953-OPIC (953-6742)

In accordance with Section 8.1 of the Patent Act and for the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner of Patents for filing patent applications may be sent electronically via the Industry Canada web site at the following addresses:

https://strategis.ic.gc.ca/sc_mrksv/cipo/patbrev-filing/application/engdoc/pt_filing_form-e.html; or in French to: https://strategis.ic.gc.ca/sc_mrksv/cipo/patbrev-filing/application/frndoc/pt_filing_form-f.html.

Any other correspondence addressed to the Commissioner of Patents relating to applications and patents (e.g. fee payments, registering documents, requesting national entry of an international application) may be sent electronically via the Industry Canada web site at the following addresses:

https://strategis.ic.gc.ca/sc_mrksv/cipo/patbrev-filing/application/engdoc/pt_correspondence-e.html; or in French to: https://strategis.ic.gc.ca/sc_mrksv/cipo/patbrev-filing/application/frndoc/pt_correspondence-f.html.

The document presentation requirements related to Patent Rules 68, 69 and 70 apply to electronically submitted correspondence, including facsimile. The acceptable file format for documents submitted electronically via Industry Canada web site, such as assignments or specifications are: multi-page TIFF CCITT Group 4, Black and White, at 300 DPI or in PDF format except for sequence listings which have to be provided in both a multi-page TIFF or PDF file and in an ASCII file. Documents received electronically that do not meet these requirements will have to be replaced and submitted in an acceptable format.

In accordance with the above:

- Mail intended for the Patent Office and delivered, during business hours, to CIPO's offices in Hull will be accorded the date of reception by CIPO.
- Mail intended for the Patent Office and delivered, during business hours, to one of Industry Canada's regional offices listed above, will be considered to be received on the date of reception in that office, only if it is also a day on which CIPO's offices in Hull are open. Mail delivered to a regional office on a day

En application de l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6) et 54(5) des Règles sur les brevets, toute correspondance à l'intention du commissaire aux brevets peut être transmise par télécopieur aux numéros ci-dessous:

(819)953-CIPO (953-2476) ou
(819)953-OPIC ((53-6742)

En application de l'article 8.1 de la Loi sur les brevets et aux fins du paragraphe 5(6) des Règles sur les brevets, toute correspondance à l'intention du commissaire aux brevets pour le dépôt de demandes de brevet peut être transmise électroniquement en accédant au site internet d'Industrie Canada aux adresses suivantes:

https://strategis.ic.gc.ca/sc_mrksv/cipo/patbrev-filing/application/frndoc/pt_filing_form-f.html; ou en anglais à : https://strategis.ic.gc.ca/sc_mrksv/cipo/patbrev-filing/application/engdoc/pt_filing_form-e.html.

Toute autre correspondance à l'intention du commissaire aux brevets concernant des demandes ou brevets (p.ex. paiements de taxes, enregistrement de documents, demande d'entrée dans la phase nationale d'une demande internationale) peut être transmise électroniquement en accédant au site internet d'Industrie Canada aux adresses suivantes:

https://strategis.ic.gc.ca/sc_mrksv/cipo/patbrev-filing/application/frndoc/pt_correspondence-f.html; ou en anglais à : https://strategis.ic.gc.ca/sc_mrksv/cipo/patbrev-filing/application/engdoc/pt_correspondence-e.html.

Les exigences ayant trait à la présentation des documents stipulés dans les article 68,69 et 70 des Règles sur les brevets s'appliquent à la correspondance transmise électroniquement, incluant par télécopieur. Le format acceptable pour les documents transmis électroniquement par le site internet d'Industrie Canada, tels les cessions ou mémoires descriptifs, est: le format TIFF CCITT Groupe 4, multi-pages, 300 PPP, noir et blanc ou le format PDF. Le listage des séquences devra toutefois être présenté dans le format multi-pages TIFF ou PDF et également en fichier ASCII. Les documents transmis électroniquement qui ne répondent pas à ces exigences devront être remplacés et soumis dans un format acceptable.

Conformément à ce qui précède:

- Le courrier destiné au Bureau des brevets et livré, durant les heures d'ouverture, aux bureaux de l'OPIC à Hull se verra attribuer la date de réception à cet endroit.
- Le courrier destiné au Bureau des brevets et livré, durant les heures d'ouverture, à un des bureaux régionaux d'Industrie Canada figurant sur la liste plus haut, se verra attribuer la date de réception au bureau régional en question, si et seulement si, à cette date, les bureaux de l'OPIC sont ouverts à Hull. Si à cette

Avis

when CIPO's offices in Hull are closed will be considered to be received on the next working day for CIPO. If, for example, mail intended for the Patent Office is delivered to Industry Canada's regional office in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO's offices in Hull are closed. Mail delivered to regional offices outside of Quebec on June 24 will be considered to be received on the next working day for CIPO.

- Mail intended for the Patent Office and delivered through Canada Post's Registered Mail Service will be considered to be received on the date stamped on the envelope by Canada Post Corporation, if it is also a day on which CIPO's offices in Hull are open. If the date stamp on the Registered Mail is a day when CIPO's offices in Hull are closed, the mail will be considered to be received on the next working day for CIPO.

- Mail intended for the Patent Offices and delivered, by electronic means of transmission, including facsimile, will be considered to be received by the Commissioner on the day that it is transmitted if received before midnight, local time at the Patent Office in Hull. When the Patent Office is closed for business, correspondence received on that day will be considered to be received on the next working day.

General information may be obtained at CIPO Headquarters in Hull, Quebec:

Telephone: (819) 997-1936
Facsimile: (819) 953-7620
Internet: <http://cipo.gc.ca>

date, les bureaux à Hull sont fermés, le courrier livré aux bureaux régionaux se verra attribuer comme date de réception à l'OPIC la date du prochain jour ouvrable. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin au bureau régional d'Industrie Canada à Toronto ne se verra pas attribuer la date de réception du 24 juin puisque les bureaux à Hull sont fermés à cette date. Donc, le courrier livré le 24 juin aux bureaux régionaux à l'extérieur du Québec aura comme date de réception à l'OPIC la date du prochain jour ouvrable.

- Le courrier destiné au Bureau des brevets et livré par courrier recommandé, service offert aux comptoirs postaux de la Société canadienne des postes, se verra attribuer la date timbrée sur l'enveloppe par la Société canadienne des postes, à condition qu'à cette date les bureaux à Hull soient ouverts. Si les bureaux à Hull sont fermés, le courrier se verra attribuer comme date de réception à l'OPIC la date du prochain jour ouvrable.

- Le courrier destiné au Bureau des brevets et livré par mode de transmission électronique, incluant par télécopieur, est réputé reçu par le commissaire, le jour où il a été transmis avant minuit, heure locale, au Bureau des brevets à Hull. Si la correspondance est transmise électroniquement un jour où le Bureau des brevets est fermé au public, elle est réputée reçue le jour ouvrable suivant.

Des renseignements généraux peuvent être obtenus à l'administration centrale de l'OPIC, à Hull (Québec).

Téléphone : (819) 997-1936
Télécopieur : (819) 953-7620
Internet : <http://opic.gc.ca>

17. PRACTICE NOTICE

DIES NON

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Hull, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Hull, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the Industrial Design, Copyright or Integrated Circuit Topography Acts.

17. ÉNONCÉ DE PRATIQUE

JOUR FÉRIÉ LÉGAL (DIES NON)

Nota : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Hull, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Hull, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Avis

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia:** 1st Monday in August (British Columbia Day)
- 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
- 5) **Ontario:** 1st Monday in August (Civic Holiday)
- 6) **Quebec:** June 24 (St. John the Baptist Day)
- 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
- 8) **Yukon:** 3rd Monday in August (Discovery Day)

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit:

«Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant auquel aucune de ces deux circonstances n'existe plus.»

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, qui sont des jours fériés dans au moins une province ou territoire:

- 1) **Alberta:** 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique:** 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick:** 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse:** 1er lundi d'août (congé statutaire)
- 5) **Ontario:** 1er lundi d'août (congé statuaire)
- 6) **Québec:** 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan:** 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon:** 3e lundi d'août (Jour de la Découverte)

Notices

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

- 1) All Saturdays and Sundays
- 2) *New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) *St. John the Baptist Day (June 24)
- 7) *Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) *Remembrance Day (November 11)
- 11) *Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants:

- 1) Tous les samedi et dimanche
- 2) *Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédant immédiatement le 25 mai
- 6) *Saint-Jean-Baptiste (le 24 juin)
- 7) *Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) *Jour du souvenir (11 novembre)
- 11) *Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

Avis

**18. PATENT AGENTS EXAMINATION 2000
LIST OF SUCCESSFUL CANDIDATES**

Craig A. Ash
Todd D. Bailey
Greg Benoit
Pierrette Breton
Isis E. Caulder
Christian Cawthorn
Ryan W. Dupuis
Stephen J. Ferance
Mireille Goulet
Kevin K. Graham
Neil Henderson
Doran J. Ingalls
France Leclair
Brian Y. Lee
Dennis S.K. Leung
Robert Liang
Timothy P. Lo
Ursula M. McGuinness
Thuy Nguyen
Kevin A. O'Neil
Dean A. Palmer
Mark D. Penner
Jonathan Pollack
Jennifer Quinn
Bhupinder Randhawa
Melanie Sharman Rowand
Matthew M. Roy
Theodore W. Sum
Grant Tisdall
Christopher Van Barr
David M. Wray

**18. EXAMEN D'AGENTS DE BREVETS 2000
LISTE DES CANDIDATES QUI ONT
RÉUSSI**

Craig A. Ash
Todd D. Bailey
Greg Benoit
Pierrette Breton
Isis E. Caulder
Christian Cawthorn
Ryan W. Dupuis
Stephen J. Ferance
Mireille Goulet
Kevin K. Graham
Neil Henderson
Doran J. Ingalls
France Leclair
Brian Y. Lee
Dennis S.K. Leung
Robert Liang
Timothy P. Lo
Ursula M. McGuinness
Thuy Nguyen
Kevin A. O'Neil
Dean A. Palmer
Mark D. Penner
Jonathan Pollack
Jennifer Quinn
Bhupinder Randhawa
Melanie Sharman Rowand
Matthew M. Roy
Theodore W. Sum
Grant Tisdall
Christopher Van Barr
David M. Wray

Notices

19. DOCUMENTS AVAILABLE

THE FOLLOWING DOCUMENTS ARE AVAILABLE TO THE PUBLIC IN THE CLIENT SERVICE CENTRE AND CAN ALSO BE ORDERED VIA OUR WEB SITE AT THE FOLLOWING ADDRESS: <http://strategis.ic.gc.ca/patents/order>. GAZETTES FROM THE FOLLOWING COUNTRIES ARE ALSO AVAILABLE

AU AUSTRALIA - AUSTRALIE PATENTS - BREVETS

1 (1926) À/TO	30,945 (1930) P
1 (1931) A/TO	25,875 (1935) P
1 (1936) À/TO	1,983 (1936) P
100,001 (1936) À/TO	168,224 (1953) P
200,000 (1954) À/TO	296,236 (1966) P
400,001 (1969) À/TO	496,940 (1978) P

PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES

(1975) À/TO	JAN 21 (1999) M
DEC 17 (1998) À/TO	JAN 25 (2001) CD-ROM

GAZETTES

(1914) À/TO	(1978) P
(1979) À/TO	(Date) P

AT AUSTRIA - AUTRICHE PATENTS - BREVETS

164,951 (1950) À/TO	387,320 (1988) P
387,321 (1989) À/TO	395,100 (1992) P
393,101 (1992) À/TO	407,150 (2000) CD-ROM

GAZETTES

(1973) À/TO	(Date) P
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BE BELGIUM - BELGIQUE PATENTS - BREVETS

796,001 (1973) À/TO	895,528 (1983) C
895,529 (1983) À/TO	1,002,041 (1991) M
1,002,342 (1991) À/TO	1,012,423(2000)CD-ROM

GAZETTES

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Avis

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PATENTS - BREVETS	1 (1824) À/TO	3,325 (1871) P
	*1 (1869) À/TO	*1,264,114 (1989) P
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	1,340,705 À/TO	1,341,172 P
	2,000,000(1989) À/TO	DEC 26, 2000 P
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ASSIGNMENTS - CESSIONS	414,000 (1955) À/TO	803,999 (1971) P
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	1,272,000 (1989) À/TO	5,105,429 (2000) P

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PATENTS - BREVETS	272,051 À/TO	286,061 (2000) CD-ROM
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PATENTS - BREVETS	317,502 (1902) À/TO	1,605,332 (1974) F
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SPECIAL PATENTS OF ADDITION BREVETS SPÉCIAL D'ADDITION	290 (1970) À/TO	353 (1972) P
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SPECIAL MEDICAL PATENTS BREVETS MÉDICAUX SPÉCIAUX	2 (1961) À/TO	357 (1973) P
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A ¹) 2,100,501 (1969)À/TO (A ¹) 2,663,812 À/TO	2,663,811 C 2,796,240 (2000)CD-ROM
GAZETTES	(1907) À/TO (1979) À/TO	(1978) P (Date) P
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PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A ²) 1,135,841 (1962)À/TO (A ¹) (1992) À/TO	4,125,136 (1991) P JAN 25 (2001) CD-ROM
GAZETTES	(1952) À/TO (1979) À/TO	(1978) P (Date) P
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PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A ¹) 2,000,001 (1979)À/TO (A ¹) 2,257,844 (1993)À/TO	2,257,843 (1993) P 2,350,994 (2000)CD-ROM
ABRIDGEMENTS - RÉSUMÉS PAR SUJET	(1617) À/TO	(1985) P
GAZETTES	(1938) À/TO (1950) À/TO	(1971) P (Date) P
HU HUNGARY - HONGRIE		
PATENTS - BREVETS	204,000 () À/TO	217,829 (2000) CD-ROM
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PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	JULY (1993) À/TO	MAY (1995) CD-ROM

Avis

JP JAPAN - JAPON

PATENTS - BREVETS	(1951) À/TO	(1993) P*
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A1) (1971) À/TO (A1) (1993) À/TO (B) (1994) À/TO (B) 2,500,001(5/96) À/TO	(1993) P* 318,100 (1999)CD-ROM* 34,772 (4/1996) CD-ROM 3,125,500 (2001)CD-ROM
PUBLISHED ABSTRACTS - PRÉCIS ANGLAIS	OCT 5 (1976) À/TO	DEC 26 (2000) CD ROM

LV LATVIA - LATVIE

PATENTS - BREVETS	10001 (OCT 24/94) À/TO	12,505 (2000) CD-ROM
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LT LITHUANIA - LITHUANIE

PATENTS - BREVETS	30001 (AUG 25/94) À/TO	4,707 (2000) CD-ROM
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LU LUXEMBOURG

PATENTS - BREVETS	0,087,534 (1991) À/TO	90,621 (2000) CD-ROM
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PATENTS - BREVETS	143,517 (1977) À/TO (1987) À/TO	(1986) C* MAY 16 (1995) F*
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(1977) À/TO (1991) À/TO	(Date) C 1,015,743 (2000) CD-ROM
GAZETTES	(1931) À/TO (1979) À/TO	(1978) P (1993) P

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PATENTS - BREVETS	128,689 (1974) À/TO 148,315 (1983) À/TO	148,314 (1983) C 180,470 M
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GAZETTES	(1978)	À/TO	(1997)
	(1998)	À/TO	(Date) P

PL POLAND - POLOGNE

PATENTS - BREVETS	153,900 (1992)	À/TO	178,769 (2000) CD-ROM
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RO ROMANIA - ROUMANIE

PATENTS - BREVETS	100,001 (1993)	À/TO	115,659 (2000) CD-ROM
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RU RUSSIA - RUSSIE

GAZETTES	(1973)	À/TO	(Date) P
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SK SLOVAKIA - SLOVAQUIE

PATENTS - BREVETS	277680 (DEC 8/93)	À/TO	280,489 (2000) CD-ROM
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ZA SOUTH AFRICA - AFRIQUE DU SUD

GAZETTES	(1969)	À/TO	(1978) P
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ES SPAIN - ESPAGNE

PATENTS - BREVETS	868,001 (1986)	À/TO	2,011,202 (1990) F
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SE SWEDEN - SUÈDE

PATENTS - BREVETS	120,001 (1947)	À/TO	457,500 (1988) P
	420,974 (1981)	À/TO	512,242 M

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PATENTS - BREVETS	230,323 (1943) À/TO	624,525 (1981)	P
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A ⁵) 624,000 (1981) À/TO	683,811 (1994)	M
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GAZETTES	(1948) À/TO	(1995)	P

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PATENTS - BREVETS	1 (1836) À/To	5,325,300	M
	2,000,000 (1934) À/TO	6,009,554 CL	P
	5,274,846 (1994) À/TO	6,163,882 CD-ROM	
PLANT PATENTS - BREVETS DE PLANTES	1 (1931) À/TO	(Date)	P
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RE-ISSUES - REDÉLIVRANCES	13,623 (1913) À/TO	19,037 (1913)	P
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DEFENSIVE PUBLICATIONS PUBLICATIONS DÉFENSIVES	555,667 (1969) À/TO	(Date)	P
RE-EXAMINATION CERTIFICATES CERTIFICATS NOUVEL EXAMEN	28,576 (1982) À/TO	(Date)	P
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STATUTORY INVENTIONS - INVENTIONS STATUAIRES	H 1 (1985) À/TO	(Date)	P
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Notices

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PHILIPPINES: ASEANPAT (CD-ROM)

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20. International Patent Classification Class Symbols and Titles

In January 1990, the Canadian Patent Office adopted the International Patent Classification (IPC) system for classifying patent documents having a number greater than 2,000,000. In the seventh edition, which has been in force since January 1, 2000, the IPC is divided into 8 sections, 120 classes, 628 sub-classes and approximately 69,000 sub-groups. The titles of these 69,000 sub groups are listed in the elaborations of the International Patent Classification and can be consulted at: http://classifications.wipo.int/fulltext/new_ipc/index.htm.

Please consult the Patent Office Record vol. 123, No 1 (January 3, 1995) for a list of the class titles of the Canadian Classification system for patents having a number less than 2,000,000.

21. Laid-Open Applications

The Patent Office Record of February 20, 2001 contains laid-open applications from January 28, 2000 - February 3, 2001.

20. Symboles et titres des classes de la Classification Internationale

En janvier 1990, le Bureau canadien des brevets a adopté la classification internationale des brevets (CIB) comme système de classification primaire pour les documents de brevets portant un numéro supérieur à 2,000,000. Dans sa septième édition, en vigueur depuis le 1er janvier 2000, la CIB comprend les subdivisions suivantes: 8 sections, 120 classes, 628 sous-classes et environ 69,000 groupes. Les descriptions de ces 69,000 groupes sont rassemblés dans un ouvrage intitulé "Classification internationale des brevets" et peuvent être consultées à : http://classifications.wipo.int/fulltext/new_ipc/index.htm.

Veillez consulter la Gazette du Bureau des brevets Vol. 123 No 1 (3 janvier 1995) pour la liste des titres des classes canadiennes pour les brevets portant un numéro inférieur à 2,000,000.

21. 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 28 janvier 2000 - 3 février 2001.

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[52] 195-1.31 167-129
[51] **Int.Cl. 6A61K 39/245 6C12N 5/10 6C12N 15/64 6C12N 15/79**
[25] EN
[54] **VACCINES BASED ON MEMBRANE BOUND PROTEINS AND PROCESS FOR MAKING THEM**
[54] **VACCINS FABRIQUES A PARTIR DE PROTEINES LIEES A LA MEMBRANE ET PROCEDE POUR LEUR PREPARATION**
[72] Berman, Phillip Wayne, US
[72] Lasky, Laurence Allan, US
[73] GENENTECH, INC., US
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[22] 1984-08-27
[30] US (06/527,917) 1983-08-30
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[13] C

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[51] **Int.Cl. 6C12N 15/18 6C12N 15/79 6C12P 21/00**
[25] EN
[54] **TISSUE-DERIVED TUMOR GROWTH INHIBITORS, METHODS OF PREPARATION AND USES THEREOF**
[54] **INHIBITEURS DE CROISSANCE TUMORALE DERIVES DE TISSUS, METHODE DE PREPARATION ET UTILISATION**
[72] Iwata, Kenneth K., US
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[73] OSI PHARMACEUTICALS, INC., US
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[22] 1987-10-19
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[25] EN
[54] **NONLINEAR OPTICAL MEDIUM WITH A STABLE NONCENTROSYMMETRIC POLYMERIC STRUCTURE**
[54] **SUBSTANCE AUX CARACTERISTIQUES OPTIQUES NON-LINEAIRES POURVUE D'UNE STRUCTURE POLYMERIQUE STABLE NON-CENTROSYMMETRIQUE**
[72] Man, Hong-Tai, US
[72] Yoon, Hyun-Nam, US
[73] CORNING INCORPORATED, US
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[30] US (181,751) 1988-04-14

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[52] 204-96.25 204-167
[51] **Int.Cl. 6H01L 21/461**
[25] EN
[54] **METHOD AND APPARATUS FOR THE PLASMA ETCHING, SUBSTRATE CLEANING OR DEPOSITION OF MATERIALS BY D.C. GLOW DISCHARGE**
[54] **PROCEDE ET APPAREIL DE DEPOT DE MATERIAUX PAR DECHARGE LUMINESCENTE DC, OU DE DECAPAGE D'UNE SURFACE A L'AIDE D'UN PLASMA**
[72] Zukotynski, Stefan, CA
[72] Kruzelecky, Roman Volodymyr, CA
[72] Gaspari, Franco, CA
[72] Ukah, Clement Ikefuama, CA
[73] University of Toronto Innovations Foundation (The), CA
[21] **607,529**
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[30] US (07/228,414) 1988-08-05

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[13] C

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[54] **INTERCELLULAR ADHESION MOLECULES AND THEIR BINDING LIGANDS**
[54] **MOLECULES D'ADHESION INTERCELLULAIRE ET SES LIGANDS DE FIXATION**
[72] Springer, Timothy Alan, US
[72] Rothlein, Robert, US
[72] Marlin, Steven Dean, US
[72] Dustin, Michael Loran, US
[73] DANA FARBER CANCER INSTITUTE, US
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[54] **DOSAGE IMMUNOLOGIQUE SUR UNE SURFACE SOLIDE**
[72] Hoke, Randal A., US
[72] Hopkins, Anne C., US
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[73] ZENECA LIMITED, GB
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[72] Sinclair-Day, John D., GB
[72] Handyside, Timothy M., GB
[73] Courtaulds Coatings (Holdings) Ltd., GB
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[25] EN
[54] **RADIATION-SENSITIVE,**
ETHYLENICALLY UNSATURATED,
COPOLYMERIZABLE COMPOUNDS
AND THEIR PREPARATION
[54] **COMPOSES INSATURES**
ETHYLENIQUES,
COPOLYMERISABLES ET
RADIOSENSIBLES; LEUR
PREPARATION
[72] Boettcher, Andreas, DE
[72] REHMER, GERD, DE
[73] BASF AKTIENGESELLSCHAFT, DE
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COMPOSITIONS
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PHOTORETICULABLE
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[72] Hofmann, Manfred, CH
[72] Klingert, Bernd, DE
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[54] **DESODORISANT**
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[72] Hamaya, Tadao, JP
[72] Imai, Tadashi, JP
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[25] EN
[54] **CONDENSATE OF A**
POLYHYDRIC PHENOL WITH AN
ALDEHYDE, THE PREPARATION AND
USE THEREOF
[54] **CONDENSAT D'UN PHENOL**
POLYHYDROXYLE AVEC UN
ALDEHYDE, LEUR PREPARATION ET
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SYSTEM WITH OIL SEPARATOR
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COMPRESSION AVEC SEPARATEUR
D'HUILE
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PHARMACEUTICAL COMPOSITION
FOR USE IN GASTROINTESTINAL
WASHES, IN PARTICULAR FOR
DIAGNOSTIC USE, OR AS CATHARTIC
LAXATIVE
[54] **COMPOSES PHARMACEUTIQUES**
A ADMINISTRATION ORALE
UTILISES DANS LES LAVAGES
GASTRO-INTESTINAUX,
PARTICULIEREMENT POUR
L'ETABLISSEMENT D'UN
DIAGNOSTIC OU COMME LAXATIF
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[54] **A METHOD AND APPARATUS FOR**
REMOVELY AND PORTABLY
MEASURING A GAS OF INTEREST
[54] **METHODE ET APPAREIL**
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[72] Gottlieb, Milton S., US
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[54] **METHOD FOR SPECTROSCOPIC ANALYSIS OF HYDROCARBONS, AND HYDROCARBON REFINING OPERATIONS USING SAME**
[54] **METHODE D'ANALYSE SPECTROSCOPIQUE DES HYDROCARBURES ET UTILISATION DE CETTE METHODE DANS LE RAFFINAGE DES HYDROCARBURES**
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[72] Haberman, Joel Ira, US
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[73] IMPERIAL OIL LIMITED, CA
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[54] **ARTICLE ABSORBANT MUNI D'UN FERMOIR ET METHODE POUR FIXER LEDIT ARTICLE SUR UN VETEMENT**
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COLORED HAPTICS
[54] METHODE DE PREPARATION DE
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[54] **METHODE DE CHAUFFE D'UN FORAGE POUR ENGENDRER LA STIMULATION A LA VAPEUR, A PRESSION INFERIEURE A CELLE DU FRACTIONNEMENT, PAR VOIE D'UN FORAGE HORIZONTAL DANS UN GISEMENT DE SABLE BITUMINEUX INITIALEMENT INERTE**
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AND SEGREGATION REDUCTION
AGENT FOR HYDRAULIC
SUBSTANCES**
[54] **FABRICATION DE PRODUITS A
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FROM A SINGLE VERTICAL
WELLBORE**
[54] **METHODE DE RECUPERATION
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[54] **AMINOALKYLPHOSPHINATES; POLYMERES RENFERMANT DE L'ACIDE PHOSPHINIQUE QUI EN SONT DERIVES**
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[72] Wanger, Freddy, CH
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[13] C

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[73] Secretary of State for Defence in her Britannic Majesty's Government, GB
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[72] Colvin, O. Michael, US
[73] Duke University, US
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[54] **FEUILLE D'ACIER HAUTE RESISTANCE ADAPTEE POUR FACONNAGE SUR PRESSE ET METHODE DE PRODUCTION**
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[13] C

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[72] Comstock, Robert J., US
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[11] **2,051,757**
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[25] EN
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[54] **RECHAUFFEUR AUTOREGLABLE A CORPS A FERRITE**
[72] McGaffigan, Thomas H., US
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[54] **SIMULATEUR D'ENTRAINEMENT POUR LE TIR A L'EPAULE DE MISSILES**
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[13] C

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[54] **COMPOSE CYCLIQUE DE TYPE SULFURE, COMPOSITIONS POLYMERISABLES POUR PRODUITS OPTIQUES ET PRODUITS OPTIQUES FORMES A PARTIR DE CES COMPOSITIONS**
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[13] C

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[25] EN
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[54] **APPAREIL DESTINE AU TRAITEMENT DES GAZ DANS UN SYSTEME DE RECYCLAGE DES GAZ DU CARTER**
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[25] FR
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D'UNE TOLE PLAQUEE
COMPORTANT UNE COUCHE
RESISTANT A L'ABRASION EN ACIER
A OUTIL ET TOLE PLAQUEE
OBTENUE**
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[13] C

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[25] EN
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AGENT AND DEFOAMING METHOD
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[54] **ADDITIF ANTIMOUSSE DU TYPE
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[13] C

[51] Int.Cl. 5F16N 7/32
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[54] **MELANGE AIR-HUILE UTILISE
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[73] DAVY MCKEE (SHEFFIELD)
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[73] DENCO LIMITED, GB
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[25] EN
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SECURING A WELL HEAD DRIVE
AGAINST UNINTENTIONAL
ROTATION**
[54] **APPAREIL SERVANT A
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[13] C

[51] Int.Cl. 5F02C 7/00
[25] EN
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[54] **LOGEMENT DE CHAMBRE DE
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[72] Beck, Karl-Erhard, DE
[72] Mohr, Klaus Dieter, DE
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[30] DE (P 42 22 391.1) 1992-07-08

[11] 2,102,631
[13] C

[51] Int.Cl. 5C07F 11/00
[25] EN
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[54] **METHODE AMELIOREE POUR LA
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[72] Guzi, Peter John, US
[72] Halbert, Thomas Risher, US
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[73] EXXON RESEARCH AND
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[30] US (703,219) 1991-05-20

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[13] C

[51] Int.Cl. 5A61M 5/32 5A61M 5/50
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[51] Int.Cl. 5C12P 19/26 6C07K 2/00
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[25] EN
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COMPOUND, OLEFIN
POLYMERIZATION CATALYST
COMPONENT COMPRISING SAID
COMPOUND, OLEFIN
POLYMERIZATION CATALYST
CONTAINING SAID CATALYST
COMPONENT, PROCESS FOR
OLEFINPOLYMERIZATION USING
SAID CATALYST , PROPYLENE
HOMOPOLYMER, PROPYLENE
ELASTOMER AND PROPYLENE
ELASTOMER

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TRANSITION, COMPOSANT
CATALYTIQUE POUR LA
POLYMERISATION DES OLEFINES
RENFERMANT CE COMPOSE,
CATALYSEUR POUR LA
POLYMERISATION DES OLEFINES
RENFERMANT CE COMPOSANT
CATALYTIQUE, PROCEDE POUR LA
POLYMERISATION DES OLEFINES AU
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REGULATION DE PRESSION D'UN
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PEPTIDE AS ACTIVE COMPONENT
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EN BETON**
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[11] **2,179,771**
[13] C

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[73] MICROMASS LIMITED, GB
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[73] Duncan Galvanizing Corporation, US
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[54] **PROCEDE DE TRAITEMENT D'ARGILES DU TYPE KAOLIN EN VUE DE LA REGULATION DE LA POIX, ET ARGILES AINSI TRAITEES**
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[13] C

[51] **Int.Cl. 6B01D 21/18**
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[72] Johnson, Arvid C., US
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[30] US (221,188) 1994-03-31

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[13] C

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[13] C

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[25] EN
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[72] Gürtler, Adam, DE
[72] Pelech, Bernd, DE
[72] Dähling, Paul-Heinz, DE
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[11] **2,187,566**
[13] C

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[72] Kitayama, Takeo, JP
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[30] US (08/233,909) 1994-04-28

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[13] C

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[73] TELEFLEX INCORPORATED, US
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[72] Kurosawa, Hideyuki, JP
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[11] **2,189,649**
[13] C

[51] **Int.Cl. 6C11D 13/18**
[25] EN
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[54] **PROCEDE D'ESTAMPAGE DE PAINS DETERGENTS**
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[73] UNILEVER PLC, GB
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[86] 1995-06-14 (PCT/EP95/02293)
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[25] EN
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[13] C

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[25] EN
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[72] Lassman, Steven J., US
[72] Simpson, Ron C., US
[73] Display Laboratories, Inc., US
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[11] 2,191,789
[13] C

[51] Int.Cl. 6C07C 323/50 6A61K 7/00 6A61K 31/00 6C07H 5/06 6C07D 295/192 6C07C 43/23 6C07C 65/28 6C07D 317/30 6C07C 327/32 6C07D 207/34 6C07D 333/38 6C07C 65/40 6C07C 317/44 6C07C 327/46 6C07D 213/55 6C07C 235/56 6C07C 229/60 6C07C 69/94
[25] FR
[54] COMPOSES BIAROMATIQUES PORTANT UN GROUPEMENT ADAMANTYL EN ORTHO, COMPOSITIONS PHARMACEUTIQUES ET COSMETIQUES LES CONTENANT ET UTILISATIONS DE CES COMPOSITIONS
[54] BIAROMATIC COMPOUNDS CONTAINING AN ADAMANTYL GROUP IN ORTHO POSITION; PHARMACEUTICAL AND COSMETIC COMPOSITIONS CONTAINING THEM AND USE THEREOF
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[30] FR (95 14 260) 1995-12-01

[11] 2,192,289
[13] C

[51] Int.Cl. 6C07D 487/04 6C07D 473/00 6C07D 471/04 6C07D 495/04 6C07D 498/04 6C07D 513/04 6C07D 491/048 6A61K 31/435 6A61K 31/495
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[73] PFIZER INC., US
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[54] SYSTEME DE CHARGEMENT OU DE DECHARGEMENT DE PIECES, DE BACS
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[72] Cybulski, Michael A., CA
[72] Mowat, Donald J., CA
[73] ATS AUTOMATION TOOLING SYSTEMS INC., CA
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[13] C

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[25] EN
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[72] Salter, Mark Andrew, GB
[72] Harlow, Michael John, GB
[72] Newson, David John, GB
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[11] 2,193,151
[13] C

[51] Int.Cl. 6H04Q 3/64 6H04L 12/56
[25] EN
[54] METHOD AND ARRANGEMENT FOR ESTABLISHING CALL CONNECTIONS IN A TELECOMMUNICATIONS NETWORK USING A VIRTUAL TRANSPORT SERVER
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[11] **2,193,755**
[13] C

[51] **Int.Cl. 6B41J 2/04**
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[54] **METHODE D'IMPRESSON D'UNE IMAGE INDIQUANT UNE VALEUR, PAR EXEMPLE UNE EMPREINTE D'AFFRANCHISSEMENT**
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[11] **2,194,354**
[13] C

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[25] EN
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[54] **SYSTEME DE STRUCTURE ET DE SYNCHRONISATION DE TRAMES DE DONNEES POUR SIGNAL DE TELEVISION NUMERIQUE**
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[30] US (08/272,357) 1994-07-08

[11] **2,194,964**
[13] C

[51] **Int.Cl. 6C09D 201/06 6C09D 7/12 6B05D 7/14**
[25] EN
[54] **RELEASABLE AQUEOUS COATING COMPOSITION AND A METHOD OF TEMPORARILY PROTECTING A FINISHED COATING FILM ON AN AUTOMOBILE BODY**
[54] **COMPOSITION DE REVETEMENT AQUEUX PELABLE ET PROCEDE VISANT A PROTEGER PROVISOIEMENT LE REVETEMENT DE LA CARROSSERIE D'UNE AUTOMOBILE AU MOYEN DE CETTE COMPOSITION**
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[72] Suzuki, Kenya, JP
[72] Harakawa, Hiromi, JP
[72] Nakao, Fumiaki, JP
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[86] 1996-04-26 (PCT/JP96/01167)
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[13] C

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[54] **AGENTS DE RETICULATION MULTIFONCTIONNELS POUR L'HEMOGLOBINE, ET CONJUGUES D'HEMOGLOBINE RETICULEE**
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[30] US (60/000,210) 1995-06-16

[11] **2,196,172**
[13] C

[51] **Int.Cl. 6D01F 11/14 6B01J 2/14**
[25] EN
[54] **PROCESS FOR MANUFACTURING CARBON FIBER PELLETS, PELLETS RESULTING THEREFROM AND PROCESS FOR PRODUCING REINFORCED THERMOPLASTIC RESINS EMPLOYING THE PELLETS**
[54] **PROCEDE DE FABRICATION DE GRANULES EN FIBRES DE CARBONE, GRANULES AINSI OBTENUS ET PROCEDE DE PRODUCTION DE RESINES THERMOPLASTIQUES RENFORCEES AU MOYEN DESDITS GRANULES**
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[30] US (08/286,267) 1994-08-05

[11] **2,196,406**
[13] C

[51] **Int.Cl. 6H04N 7/167 6G06K 19/07 6G07F 7/10**
[25] EN
[54] **SYSTEM FOR PROCESSING A VIDEO SIGNAL VIA SERIES-CONNECTED HIGH SPEED SIGNAL PROCESSING SMART CARDS**
[54] **SYSTEME DE TRAITEMENT D'UN SIGNAL VIDEO AU MOYEN DE CARTES A PUCES A TRAITEMENT DE SIGNAUX HAUTE VITESSE CONNCTEES EN SERIE**
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[73] THOMSON CONSUMER ELECTRONICS, INC., US
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[30] US (08/292830) 1994-08-19

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[13] C

[51] Int.Cl. 6C12N 15/12 6C12Q 1/02
6C07K 14/47 6G01N 33/554 6C12Q 1/68
[25] EN
[54] METHODS OF IDENTIFYING
COMPOUNDS USEFUL FOR
TREATING AUTOIMMUNE DISEASES
[54] METHODES POUR
CARACTERISER DES COMPOSES
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[72] Zhou, Hong, US
[72] Douhan, John, III, US
[73] President and Fellows of Harvard
College, US
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[30] US (08/295,502) 1994-08-24

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[13] C

[51] Int.Cl. 6C07C 7/20 6F17D 1/05 6C10L
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[25] EN
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[54] METHODE POUR L'INHIBITION
DE LA FORMATION D'HYDRATES
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[72] Costello, Christine Ann, US
[72] Oelfke, Russell Harlan, US
[72] Talley, Larry Dalton, US
[72] Longo, John Michael, US
[72] Berluce, Enoche, US
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[30] US (08/306,336) 1994-09-15
[30] US (08/449,151) 1995-05-24

[11] 2,198,113
[13] C

[51] Int.Cl. 6H04R 1/02 6H04R 1/28
[25] EN
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[73] Britannia Investment Corporation, US
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[11] 2,198,684
[13] C

[51] Int.Cl. 6H05H 1/28
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[11] 2,199,027
[13] C

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[25] EN
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[54] COMPOSITIONS BUCCALES
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[73] UNILEVER PLC, GB
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[86] 1995-09-20 (PCT/EP95/03698)
[87] (WO96/09034)
[30] EP (94202701.2) 1994-09-21

[11] 2,199,050
[13] C

[51] Int.Cl. 6A01B 5/06
[25] EN
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FREE FLOAT EXTENSION
[54] DISPOSITIF D'ENFONCEMENT A
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[72] STANFILL, Ralph Everette, US
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[73] DEERE & COMPANY, US
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[11] 2,199,087
[13] C

[51] Int.Cl. 6H04R 1/44 6H04B 10/12
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HAVING RIGID MANDREL
[54] HYDROPHONE A FIBRE OPTIQUE
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[72] FREDERICK, Donald A., US
[72] CAPPI, John F., US
[73] LITTON SYSTEMS, INC., US
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[11] 2,199,157
[13] C

[51] Int.Cl. 6G01N 29/02 6A61M 5/36
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[25] EN
[54] AIR-IN-LINE SENSING
APPARATUS
[54] APPAREIL DE DETECTION D'AIR
DANS UN CONDUIT
[72] FINBURGH, Simon E., US
[72] MORRIS, Matthew G., US
[72] WARNER, Eric A., US
[73] ALARIS MEDICAL SYSTEMS, INC.,
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[87] (WO96/08717)
[30] US (08/305,466) 1994-09-12

[11] 2,199,165
[13] C

[51] Int.Cl. 6A01D 89/00 6A01F 15/10
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[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
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[72] BREALEY, CHRIS L., CA
[72] KLICNIK, Vladimir, CA
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[54] **METHODE DE SELECTION DE CELLULES POUR LES SYSTEMES DE COMMUNICATION MOBILES AMDC UTILISANT LES AFFAIBLISSEMENTS DE TRANSMISSION DANS LES CANAUX**
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[73] Igus Spritzgussteile für die Industrie GmbH, DE
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[73] BAE SYSTEMS PLC, GB
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[54] **SYSTEME D'IMPRESSON AVEC CAPACITE AMELIOREE DU SERVICE D'IMPRESSON**
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[73] NORTEL NETWORKS LIMITED, CA
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[13] C

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[54] **DISPOSITIF DE COMMANDE D'AIGUILLE**
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[72] ACHLEITNER, Herbert, AT
[73] VAE Aktiengesellschaft, AT
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[54] **PROCEDE ET DISPOSITIF DE FINISSAGE DE VERRES OPHTALMIQUES**
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[13] C

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[54] **CIRCUIT REGENERATEUR DE PORTEUSE, DEMODULATEUR DE SIGNAUX A AMPLITUDE MODULEE EN QUADRATURE ET METHODE DE DETECTION DES DEVIATIONS DE FREQUENCE**
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[25] EN
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[54] **DISPOSITIF POUR CONCASSEURS GIRATOIRES AUTORISANT UN COEFFICIENT DE REDUCTION ELEVE**
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[73] Nordberg Inc., US
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[11] **2,220,634**
[13] C

[51] **Int.Cl. 6B01D 53/86 6B01J 23/74**
[25] FR
[54] **PROCEDE D'OXYDATION DIRECTE DES COMPOSES SOUFRES EN SOUFRE A L'AIDE D'UN CATALYSEUR A BASE DE CUIVRE**
[54] **DIRECT OXIDATION METHOD FOR CONVERTING SULPHUR COMPOUNDS INTO SULPHUR WITH A COPPER CATALYST**
[72] NEDEZ, Christophe, FR
[72] LEGENDRE, Olivier, FR
[73] L'INSTITUT FRANÇAIS DU PÉTROLE, FR
[85] 1997-11-28
[86] 1997-03-28 (PCT/FR97/00565)
[87] (WO97/37750)
[30] FR (96/04164) 1996-04-03

[11] **2,221,058**
[13] C

[51] **Int.Cl. 6A01B 15/02 6A01B 23/02 6A01B 35/22 6A01B 35/28**
[25] EN
[54] **MOUNTING BRACKET FOR MULTIPLE FRAME SIZES**
[54] **FERRURE DE MONTAGE ADAPTABLE SUR BARRES PORTE-OUTILS DE SECTIONS DIFFERENTES**
[72] MOSDAL, Brian Thomas, US
[73] DEERE & COMPANY, US
[22] 1997-12-03
[30] US (08/775,390) 1996-12-31

[11] **2,223,137**
[13] C

[51] **Int.Cl. 6A47C 7/00**
[25] EN
[54] **PNEUMATIC HEIGHT ADJUSTMENT COLUMN FOR A CHAIR**
[54] **COLONNE A REGLAGE EN HAUTEUR PNEUMATIQUE POUR SIEGE**
[72] VAN WIERAN, Steve, US
[73] Herman Miller, Inc., US
[85] 1997-12-02
[86] 1996-06-05 (PCT/US96/09126)
[87] (WO96/39898)
[30] US (08/486,716) 1995-06-07

[11] **2,223,624**
[13] C

[51] **Int.Cl. 6C07D 471/14 6A61K 31/435**
[25] EN
[54] **TRICYCLIC 5,6-DIHYDRO-9H-PYRAZOLO-3,4-C-1,2,4-TRIAZOLO-4,3-.ALPHA.|PYRIDINES**
[54] **5,6-DIHYDRO-9H-PYRAZOLO-3,4-C-1,2,4-TRIAZOLO-4,3-.ALPHA.|PYRIDINES TRICYCLIQUES**
[72] COOPER, Kelvin, US
[72] DUPLANTIER, Allen J., US
[73] PFIZER INC., US
[85] 1997-12-04
[86] 1995-06-06 (PCT/IB95/00429)
[87] (WO96/39408)

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[11] 2,223,800
[13] C

[51] Int.Cl. 6B01J 49/00
[25] EN
[54] PROCESS FOR PREPARING AMIDES OF N-ALKYL POLYHYDROXYALKYL AMINES COMPRISING A PROCESS FOR REGENERATING A STRONG BASE ION EXCHANGE RESIN
[54] PROCEDE DE PREPARATION D'AMIDES DE N-ALKYL POLYHYDROXYALKYL-AMINES COMPORTANT UN PROCEDE DE REGENERATION DE RESINE ECHANGEUSE D'IONS A FORTE BASICITE
[72] HAWKINS, Larry Nelson, US
[72] SHERMAN, Joseph Fredrich, US
[72] WEBER, Vicki Lynn, US
[72] KELLY, Ephraim Lamar, US
[72] PEGOLI, Ronald Edward, US
[72] APPLEBY, Donald Benjamin, US
[72] FORMYDUVAL, Terry Franklin, US
[72] SCHNEIDER, Mary Celine, US
[72] KAO, Junan, US
[72] GIBSON, Michael Steven, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-12-05
[86] 1996-05-24 (PCT/US96/07766)
[87] (WO96/40433)
[30] US (08/474,858) 1995-06-07

[11] 2,224,027
[13] C

[51] Int.Cl. 6B66B 5/00
[25] EN
[54] PROCEDURE AND APPARATUS FOR THE MEASUREMENT OF ELEVATOR LOAD
[54] PROCEDURE ET APPAREIL DE MESURE DE LA CHARGE D'UN MONTE-CHARGE
[72] MUSTALAHTI, Jorma, FI
[72] AULANKO, Esko, FI
[72] HAKALA, Harri, FI
[73] KONE OY, FI
[22] 1997-12-08
[30] FI (FI 965139) 1996-12-20

[11] 2,224,036
[13] C

[51] Int.Cl. 6H01R 9/22
[25] EN
[54] TERMINAL, ISOLATING OR CONNECTING STRIP
[54] PLAQUETTE DE CONNEXION OU D'ISOLATION
[72] BULOW, Harald, DE
[72] MULLER, Manfred, DE
[72] MEURERS, Peter, DE
[72] GERKE, Dieter, DE
[73] KRONE GMBH, DE
[22] 1997-12-08
[30] DE (196 52 422.9) 1996-12-09

[11] 2,224,312
[13] C

[51] Int.Cl. 6G03F 7/039 6G03F 7/032
[25] EN
[54] HIGH RESOLUTION POSITIVE ACTING DRY FILM PHOTORESIST
[54] RESINE PHOTOLENSIBLE POSITIVE DE FILM SEC A HAUTE RESOLUTION
[72] KOES, Thomas A., US
[72] BELTRAMO, Grieg B., US
[73] Morton International, Inc., US
[22] 1997-12-10
[30] US (08/763,031) 1996-12-10
[30] US (08/910,188) 1997-08-13

[11] 2,225,029
[13] C

[51] Int.Cl. 6C09J 175/04 6C09J 175/08 6B32B 7/12
[25] EN
[54] PACKAGING ADHESIVE HAVING LOW OXYGEN BARRIER PROPERTIES
[54] ADHESIF D'EMBALLAGE DONT LES PROPRIETES D'IMPERMEABILITE A L'OXYGENE SONT PEU MARQUEES
[72] KRAWCZYK, Gerhard, DE
[72] CHEN, Mai, US
[72] KENION, Grant B., US
[72] DEITCH, Jeffrey H., US
[73] Morton International, Inc., US
[22] 1997-12-17
[30] US (08/769,028) 1996-12-18

[11] 2,225,412
[13] C

[51] Int.Cl. 6A61K 38/08 6A61K 38/06 6A23K 1/16 6A23L 1/305
[25] EN
[54] A PEPTIDE INHIBITING ELEVATIONS OF TRIGLYCERIDE LEVELS IN BLOOD AND AN AGENT FOR INHIBITING ELEVATIONS OF TRIGLYCERIDE LEVELS IN BLOOD COMPRISING THE PEPTIDE AS AN ACTIVE COMPONENT
[54] PEPTIDE INHIBANT LA HAUSSE DE LA CONCENTRATION DES TRIGLYCERIDES DANS LE SANG ET AGENT INHIBANT LA HAUSSE DE LA CONCENTRATION DE TRIGLYCERIDES DANS LE SANG COMPRENANT LE PEPTIDE COMME PRINCIPE
[72] HONDA, Kazuhisa, JP
[72] WATANABE, Shigeaki, JP
[72] NUMATA, Masahiro, JP
[72] NAKAMURA, Toyoo, JP
[72] KAGAWA, Kyoichi, JP
[72] FUKUHAMA, Chizuko, JP
[72] MATSUTAKA, Hisako, JP
[73] HANKYU KYOEI BUSSAN CO., LTD., JP
[85] 1997-12-22
[86] 1995-06-23 (PCT/JP95/01264)
[87] (WO97/00890)

[11] 2,225,979
[13] C

[51] Int.Cl. 6B60Q 3/00 6B60K 37/06
[25] EN
[54] ILLUMINATED KNOB ASSEMBLY
[54] BOUTON DE COMMANDE LUMINEUX
[72] PIZZO, William C., US
[73] ILLINOIS TOOL WORKS INC., US
[22] 1997-12-30
[30] US (08/812,576) 1997-03-07

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[11] **2,229,660**
[13] C

[51] **Int.Cl. 6A01N 59/00 6A01N 33/12 6A01N 43/66**
[25] EN
[54] **TUBERCULOCIDAL SYNERGISTIC DISINFECTANT COMPOSITIONS AND METHODS OF DISINFECTING**
[54] **COMPOSITIONS DESINFECTANTES SYNERGIQUES TUBERCULOCIDES ET PROCEDES DE DESINFECTION**
[72] MERRITT, Colleen M., US
[73] S. C. JOHNSON COMMERCIAL MARKETS, INC., US
[85] 1998-02-16
[86] 1996-08-12 (PCT/US96/12994)
[87] (WO97/06689)
[30] US (08/515,314) 1995-08-15

[11] **2,232,561**
[13] C

[51] **Int.Cl. 6B23B 29/00**
[25] EN
[54] **NOISE ELMINATING ADAPTOR FOR A CUTTING TOOL**
[54] **ADAPTATEUR POUR UN OUTIL DE COUPE, PERMETTANT UNE REDUCTION DU BRUIT**
[72] ANDREASSEN, Lauritz I., NO
[73] TEENESS A/S, NO
[85] 1998-03-19
[86] 1996-09-20 (PCT/NO96/00225)
[87] (WO97/10912)
[30] NO (953742) 1995-09-21

[11] **2,232,878**
[13] C

[51] **Int.Cl. 6C07K 2/00 6C07F 5/02 6C07K 5/062 6C07K 5/087**
[25] EN
[54] **LIQUID DETERGENTS WITH ORTHO-SUBSTITUTED PHENYLBORONIC ACIDS FOR INHIBITION OF PROTEOLYTIC ENZYMES**
[54] **DETERGENTS LIQUIDES RENFERMANT DES ACIDES PHENYLBORIQUES AVEC SUBSTITUTION EN ORTHO POUR L'INHIBITION DES ENZYMES PROTEOLYTIQUES**
[72] BJORKQUIST, David William, US
[72] PANANDIKER, Rajan Keshav, US
[73] THE PROCTER & GAMBLE COMPANY, US
[22] 1994-10-28
[62] 2,173,107
[30] US (149,171) 1993-11-05

[11] **2,234,150**
[13] C

[51] **Int.Cl. 6F02B 75/04**
[25] EN
[54] **FLOATING PISTON, PISTON-VALVE ENGINE**
[54] **PISTON FLOTTANT, MOTEUR A CYLINDRES**
[72] GRAY, Charles L., Jr., US
[73] U.S. ENVIRONMENTAL PROTECTION AGENCY, US
[85] 1998-04-06
[86] 1996-09-27 (PCT/US96/15497)
[87] (WO97/13971)
[30] US (08/540,771) 1995-10-11

[11] **2,235,027**
[13] C

[51] **Int.Cl. 6G01F 23/22 6G01F 23/296**
[25] EN
[54] **APPARATUS FOR ESTABLISHING AND/OR MONITORING A PREDETERMINED FILLING LEVEL IN A CONTAINER**
[54] **DISPOSITIF PERMETTANT D'ETABLIR ET/OU DE SURVEILLER UN NIVEAU DE REMPLISSAGE PREDETERMINE DANS UN CONTENANT**
[72] GETMAN, Igor, DE
[72] DREYER, Volker, DE
[72] LOPATIN, Sergej, DE
[73] ENDRESS + HAUSER GMBH + CO., DE
[22] 1998-04-16
[30] EP (97107155.0) 1997-04-30

[11] **2,237,743**
[13] C

[51] **Int.Cl. 6H04Q 3/545 6H04M 3/42**
[25] EN
[54] **OA&M SYSTEM**
[54] **SYSTEME EAG**
[72] PERKINS, Mathew N., CA
[72] SOLAR, Christopher R., CA
[72] OLTHOF, Ian W., CA
[72] HAMEL, Pierre A., CA
[72] FREDINE, Eric, CA
[72] PAPINEAU, Mario R. J., CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1998-05-14
[30] US (08/896,978) 1997-07-18

[11] **2,239,184**
[13] C

[51] **Int.Cl. 6B65B 9/06 6B65B 63/02 6B65B 35/24**
[25] EN
[54] **METHOD AND APPARATUS FOR FEEDING RESILIENTLY COMPRESSED ARTICLES TO A FORM/FILL/SEAL MACHINE**
[54] **PROCEDE ET DISPOSITIF POUR ALIMENTER EN ARTICLES COMPRIMES DE MANIERE ELASTIQUE UNE FORMEUSE/REMPLISSEUSE/SCELLEUSE**
[72] KINER, Robert Samuel, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-06-01
[86] 1996-10-01 (PCT/US96/15701)
[87] (WO97/20737)
[30] US (08/566,200) 1995-12-01

[11] **2,239,845**
[13] C

[51] **Int.Cl. 6B29C 65/06 6F16L 47/00**
[25] EN
[54] **A JOINTING APPARATUS OF THERMO PLASTIC PIPES**
[54] **DISPOSITIF POUR ABOUTER DES TUYAUX THERMO-PLASTIQUES**
[72] NOMURA, Hirokazu, JP
[72] HIRABAYASHI, Kiyoteru, JP
[72] MAO, Wenjie, JP
[73] NIPPON KOKAN KOJI KABUSHIKI KAISHA, JP
[22] 1998-06-08
[30] JP (10-100706) 1998-04-13

[11] **2,240,070**
[13] C

[51] **Int.Cl. 6A47G 25/48 6A47G 25/02**
[25] EN
[54] **HOCKEY HANGER**
[54] **CROCHETS POUR SUSPENDRE DES ARTICLES DE HOCKEY**
[72] WYENN, Joel S., US
[73] WYENN, Joel S., US
[22] 1998-07-17
[30] US (08/959,172) 1997-10-28

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[11] **2,246,406**
[13] C

[51] **Int.Cl. 6B21D 39/06**
[25] EN
[54] **TUBE EXPANDING AND FLANGE-FORMING TOOL**
[54] **OUTIL DE DILATATION DE CANALISATION ET DE FORMAGE DE COLLERETTE**
[72] DILLER, Charles E., US
[73] COOPER TECHNOLOGIES COMPANY, US
[22] 1998-09-02
[30] US (60/058,059) 1997-09-05

[11] * **2,251,984**
[13] C

[51] **Int.Cl. 6G06F 9/44 6G06F 13/14 6G06F 11/30**
[25] EN
[54] **CENSORING BROWSER METHOD AND APPARATUS FOR INTERNET VIEWING**
[54] **PROCEDE ET APPAREIL DE NAVIGATION AVEC CENSURE POUR LA CONSULTATION D'INTERNET**
[72] DAY, Paul Reuben, US
[72] CRAGUN, Brian John, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 1998-10-19
[86] 1997-04-01 (PCT/US97/05379)
[87] (WO97/40446)
[30] US (08/634,949) 1996-04-19

[11] **2,255,603**
[13] C

[51] **Int.Cl. 6F04B 47/04**
[25] EN
[54] **HYDRAULIC PUMP JACK DRIVE SYSTEM FOR RECIPROCATING AN OIL WELL PUMP ROD**
[54] **SYSTEME HYDRAULIQUE D'ENTRAINEMENT POUR CHEVALET DE POMPAGE, DESTINE A ACTIONNER UNE TIGE DE POMPAGE DANS UN PUIT DE PETROLE**
[72] RING, Curtis P., CA
[72] SCHULTZ, Glenn, CA
[72] GRABILL, Les, CA
[73] ECOQUIP ARTIFICIAL LIFT LTD., CA
[85] 1998-11-18
[86] 1998-05-27 (PCT/CA98/00525)
[87] (WO98/55766)
[30] US (08/867,536) 1997-06-02
[30] US (09/066,960) 1998-04-28

[11] **2,255,719**
[13] C

[51] **Int.Cl. 6G01V 1/04 6G01V 1/143 6G01V 1/16 6G01V 1/42 6G01V 1/52**
[25] EN
[54] **DEVICE AND METHOD FOR TRANSMITTING ACOUSTIC WAVE INTO UNDERGROUND, FOR RECEIVING THE ACOUSTIC WAVE, AND UNDERGROUND EXPLORATION METHOD USING ABOVE MENTIONED DEVICE**
[54] **EMETTEUR ET RECEPTEUR D'ONDES ACOUSTIQUES SOUTERRAINS, PROCEDE D'EMISSION/RECEPTION ET EXPLORATION SOUTERRAINE LES UTILISANT**
[72] SAKAKIBARA, Junichi, JP
[72] YAMAMOTO, Tokuo, US
[73] KAWASAKI STEEL CORPORATION, JP
[73] YAMAMOTO ENGINEERING CORPORATION, US
[85] 1998-11-16
[86] 1998-03-17 (PCT/JP98/01115)
[87] (WO98/41885)
[30] JP (9-63195) 1997-03-17

[11] **2,267,371**
[13] C

[51] **Int.Cl. 6G06F 1/04**
[25] EN
[54] **FREQUENCY-VOLTAGE CONVERSION CIRCUIT, DELAY AMOUNT JUDGEMENT CIRCUIT, SYSTEM HAVING FREQUENCY-VOLTAGE CONVERSION CIRCUIT, METHOD OF ADJUSTING INPUT/OUTPUT CHARACTERISTICS OF FREQUENCY-VOLTAGE CONVERSION CIRCUIT, AND APPARATUS FOR AUTOMATICALLY ADJUSTING INPUT/OUTPUT CHARACTERISTICS OF FREQUENCY-VOLTAGE CONVERSION CIRCUIT**
[54] **CIRCUIT DE CONVERSION FREQUENCE-TENSION, CIRCUIT D'EVALUATION DE QUANTITE DE RETARD, SYSTEME A CIRCUIT DE CONVERSION FREQUENCE-TENSION, PROCEDE D'ADAPTATION DES CARACTERISTIQUES ENTREE/SORTIE DU CIRCUIT DE CONVERSION, ET DISPOSITIF DE REGLAGE AUTOMATIQUE POUR LES CARACTERISTIQUES ENTREE/SORTIE DUDIT CIRCUIT**
[72] YAMAMOTO, Shinichi, JP
[72] DOSHO, Shiro, JP
[72] FUKUDA, Masaru, JP
[72] NAKAHIRA, Hiroyuki, JP
[72] YAMAMOTO, Akira, JP
[72] SAKIYAMA, Shiro, JP
[72] MATSUZAWA, Akira, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 1999-03-24
[86] 1997-09-24 (PCT/JP97/03397)
[87] (WO98/13742)
[30] JP (8-252597) 1996-09-25
[30] JP (9-010716) 1997-01-23
[30] JP (9-069610) 1997-03-24

[11] **2,274,435**
[13] C

[51] **Int.Cl. 6A63B 23/00 6A47D 13/00**
[25] EN
[54] **SUSPENDED TRAINING APPARATUS**
[54] **APPAREIL A SUSPENSION, POUR L'APPRENTISSAGE DE L'HABILITE MOTRICE**
[72] SOKOLOWSKI, Michelle M., CA
[73] SOKOLOWSKI, Michelle M., CA
[22] 1999-06-11
[30] US (09/094,657) 1998-06-15

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[11] **2,284,421**
[13] C

[51] **Int.Cl. 6G09F 7/18**
[25] EN
[54] **ADVERTISING STRUCTURE FOR A POLE**
[54] **STRUCTURE DE PUBLICITE MONTEE SUR UN POTEAU**
[72] ABRO, LESLIE SELWYN, CA
[73] ABCON MEDIA GROUP INC., CA
[22] 1999-09-30

[11] **2,296,855**
[13] C

[51] **Int.Cl. 7H04N 5/455 7H04N 7/015**
[25] EN
[54] **RECEIVING AND DEMODULATING A DIGITAL TELEVISION SIGNAL**
[54] **APPAREIL DE DETECTION ET DE DEMODULATION DE SIGNAUX DE TELEVISIONS NUMERIQUES**
[72] KRISHNAMURTHY, GOPALAN, US
[72] MYCYNEK, VICTOR, US
[72] SGRIGNOLI, GARY J., US
[73] Zenith Electronics Corporation, US
[22] 1994-12-15
[62] 2,178,198
[30] US (08/175,333) 1993-12-29

[11] **2,296,861**
[13] C

[51] **Int.Cl. 7H04N 5/455 7H04N 5/44**
[25] EN
[54] **TELEVISION RECEIVER FOR TUNING A SIGNAL INCLUDING A PILOT SIGNAL**
[54] **CIRCUIT D'ACQUISITION D'UN SIGNAL MULTIPLEX PAR APPLICATION D'UNE ONDE PILOTE DE SUBSTITUTION A UN DEMODULATEUR SYNCHRONE**
[72] MYCYNEK, VICTOR, US
[72] SGRIGNOLI, GARY J., US
[72] KRISHNAMURTHY, GOPALAN, US
[73] Zenith Electronics Corporation, US
[22] 1994-12-15
[62] 2,178,198
[30] US (08/175,333) 1993-12-29

[11] **2,302,629**
[13] C

[51] **Int.Cl. 7C12N 15/12 7C07K 14/00 7C12N 5/10 7C12N 15/11 7C12N 5/16 7G01N 33/53 7G01N 33/566 7C12N 15/63 7C07K 14/705**
[25] EN
[54] **ESTROGEN RECEPTOR**
[54] **RECEPTEUR D'OESTROGENE**
[72] WILKINSON, HILARY, US
[73] MERCK & CO., INC., US
[85] 2000-03-06
[86] 1998-09-04 (PCT/US98/18577)
[87] (WO99/12961)
[30] US (60/058,271) 1997-09-08
[30] GB (9722884.5) 1997-10-30
[30] US (60/060,520) 1997-09-30
[30] GB (9806032.0) 1998-03-20

[11] **2,304,345**
[13] C

[51] **Int.Cl. 7A63G 9/00**
[25] EN
[54] **SWING SET BRACKET**
[54] **SUPPORT POUR PORTIQUE DE GYMNASTIQUE**
[72] ZEILINGER, BRIAN K., US
[73] PLAYSTAR, INC., US
[22] 2000-04-06
[30] US (09/289,042) 1999-04-09

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January 28, 2000 - February 3, 2001

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[21] 2,278,979 [13] A1 [51] Int.Cl. 6B60R 9/04 6B60J 3/00 [25] EN [54] COMBINATION WIND BAR AND SUN VISOR CARRYING ACCESSORY LIGHTING [54] PARE-VENT ET PARE-SOLEIL COMBINES AVEC ECLAIRAGE ACCESSOIRE [72] COLE, GRANT, CA [71] COLE, GRANT, CA [22] 1999-07-28 [43] 2001-01-28	[21] 2,279,001 [13] A1 [51] Int.Cl. 6F16H 1/28 6F03G 7/00 6F16H 57/08 [25] EN [54] THE SEVENTH MECHANICAL POWER [54] MOUVEMENT APPELE "THE SEVENTH MECHANICAL POWER" [72] LOWEN, HENRY ALFRED, CA [71] LOWEN, HENRY ALFRED, CA [22] 1999-08-03 [43] 2001-02-03	[21] 2,279,020 [13] A1 [51] Int.Cl. 6A41F 3/00 [25] EN [54] POLICE DUTY BELT SUSPENDERS [54] BRETELLES POUR CEINTURON DE SERVICE DE POLICIER [72] SCHARFE, MARK, CA [71] SCHARFE, MARK, CA [22] 1999-07-29 [43] 2001-01-29
[21] 2,278,983 [13] A1 [51] Int.Cl. 6B62B 9/28 6B62B 9/12 [25] EN [54] STROLLER WITH DETACHABLE AUXILIARY SEAT [54] POUSSETTE A SIEGE AUXILIAIRE AMOVIBLE [72] LAN, RED, TW [71] LAN, RED, TW [22] 1999-07-28 [43] 2001-01-28	[21] 2,279,017 [13] A1 [51] Int.Cl. 6C12C 12/00 [25] EN [54] B.I. DRINK [54] BOISSON B.I. [72] ISAI, BASHKIM, CA [71] ISAI, BASHKIM, CA [22] 1999-08-03 [43] 2001-02-03	[21] 2,279,025 [13] A1 [51] Int.Cl. 6A63B 59/00 6A63B 67/14 [25] EN [54] CURLING BROOM DEVICE [54] BALAI DE CURLING [72] KUZYCH, LUBOMIR, CA [71] KUZYCH, LUBOMIR, CA [22] 1999-07-28 [43] 2001-01-28

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[21] **2,279,028**
[13] A1
[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **DROPPED DATABASE TABLE RECOVERY**
[54] **RECUPERATION DE TABLE DE BASE DE DONNEES ELIMINEE**
[72] ZHENG, ROGER LUO Q., CA
[72] WINER, MICHAEL J., CA
[72] OFER, EFFI, CA
[72] HURAS, MATTHEW A., CA
[72] McINNIS, DALE M., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
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[43] 2001-01-29

[21] **2,279,044**
[13] A1
[51] **Int.Cl. 6G06F 19/00 6G06F 17/60**
[25] EN
[54] **CREDIT CARD SYSTEM**
[54] **SYSTEME DE CARTES DE CREDIT**
[72] DICIANO, JUSTIN, CA
[72] DOHERTY, RYAN, CA
[72] DICIANO, JULIAN, CA
[71] DICIANO, JUSTIN, CA
[71] DOHERTY, RYAN, CA
[71] DICIANO, JULIAN, CA
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[21] **2,279,051**
[13] A1
[51] **Int.Cl. 6G06F 17/60 6G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING CONCURRENCY THROUGH EARLY RELEASE OF UNNECESSARY LOCKS**
[54] **METHODE ET SYSTEME POUR AMELIORER L'ACCES SIMULTANE PAR L'OUVERTURE ANTICIPEE DE DISPOSITIFS DE VERROUILLAGE SUPERFLUS**
[72] WINER, MICHAEL J., CA
[72] WONG, CATHARINA K., CA
[72] ZHENG, ROGER LUO Q., CA
[72] MCKNIGHT, KATHY A., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
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[21] **2,279,053**
[13] A1
[51] **Int.Cl. 6H04L 12/16 6H04L 12/14 6H04L 12/54**
[25] EN
[54] **METHOD AND SYSTEM FOR INTERNET DELIVERY OF LEGAL SERVICES**
[54] **METHODE ET SYSTEME DE FOURNITURE DE SERVICES JURIDIQUES PAR INTERNET**
[72] LOVIG, BRIAN L., CA
[71] LOVIG, BRIAN L., CA
[22] 1999-07-28
[43] 2001-01-28

[21] **2,279,079**
[13] A1
[51] **Int.Cl. 6A47G 19/24**
[25] EN
[54] **PEPPER MILL**
[54] **MOULIN A POIVRE**
[72] CHENG, SHUN-I, CN
[71] CHENG, SHUN-I, CN
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[43] 2001-01-28

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[13] A1
[51] **Int.Cl. 6C08F 279/02 6C08L 51/02 6C08J 3/24**
[25] EN
[54] **RUBBER COMPOSITION**
[54] **COMPOSITION DE CAOUTCHOUC**
[72] HOPKINS, WILLIAM, CA
[71] BAYER INC., CA
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[43] 2001-01-29

[21] **2,279,087**
[13] A1
[51] **Int.Cl. 6B01D 65/02**
[25] EN
[54] **MAINTENANCE CLEANING FOR MEMBRANES**
[54] **NETTOYAGE PREVENTIF DE MEMBRANES**
[72] RABIE, HAMID R., CA
[72] BEHMANN, Henry, CA
[72] HUSAIN, HIDAYAT, CA
[71] ZENON ENVIRONMENTAL INC., CA
[22] 1999-07-29
[43] 2001-01-29

[21] **2,279,089**
[13] A1
[51] **Int.Cl. 6B42D 15/02**
[25] EN
[54] **FOLD-OUT GREETING CARD**
[54] **CARTE DE SOUHAITS DEPLIANTE**
[72] KUNITZ, CINDY, CA
[71] KUNITZ, PETER, CA
[71] KUNITZ, CINDY, CA
[22] 1999-07-29
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[21] **2,279,091**
[13] A1
[51] **Int.Cl. 6G06F 17/21**
[25] EN
[54] **INTERACTIVE LIBRARY OF TEXT STRINGS IN AN EDIT SYSTEM**
[54] **BIBLIOTHEQUE INTERACTIVE DE CHAINES DE TEXTE DANS UN SYSTEME D'EDITION**
[72] FARN, BRIAN, CA
[72] KNIGHT, CHRISTINE N., CA
[72] STORISTEANU, ADRIAN, CA
[72] BAKER, BRUCE R., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
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[13] A1
[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR CONDUCTING REVERSE INDEX SCANS**
[54] **METHODE ET SYSTEME PERMETTANT LES BALAYAGES D'INDEX INVERSES**
[72] McARTHUR, CATHERINE S., CA
[72] CRANSTON, LESLIE A., CA
[72] HURAS, MATTHEW, CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
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[13] A1

[51] **Int.Cl. 6A43C 7/00**
[25] EN
[54] **POSITIVE LACE ZONE ISOLATION LOCK SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ANCRAGE FERME POUR MAINTENIR LES LACETS EN PLACE**
[72] DICKIE, ROBERT G., CA
[72] KARABIN, WALTER, CA
[71] LACE TECHNOLOGIES INC., CA
[22] 1999-07-29
[43] 2001-01-29

[21] **2,279,118**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **TOOLING FRAMEWORK SYSTEM AND METHOD FOR CODE GENERATION**
[54] **SYSTEME CADRE DE PRODUCTION D'OUTILS, ET METHODE DE GENERATION DE CODES**
[72] SETO, NORMAN K. W., CA
[72] PRZYBYLSKI, PIOTR, CA
[72] BEISIEGEL, MICHAEL, DE
[72] STEPHENSON, JOHN W., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
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[21] **2,279,119**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **HEURISTIC-BASED CONDITIONAL DATA INDEXING**
[54] **INDEXATION CONDITIONNELLE DE DONNEES A BASE HEURISTIQUE**
[72] McARTHUR, CATHERINE S., CA
[72] LIGHTSTONE, SAM S., CA
[72] FLASZA, MIROSLAW A., CA
[72] O'CONNELL, WILLIAM T., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
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[43] 2001-01-29

[21] **2,279,132**
[13] A1

[51] **Int.Cl. 6F27D 7/02 6B23K 1/015 6C09J 5/06 6C21D 1/34**
[25] FR
[54] **PROCEDE DE TRAITEMENT THERMIQUE D'UNE PIECE A L'AIDE D'AU MOINS UN LIQUIDE DE TRANSFERT THERMIQUE ET FOUR A CONDENSATION POUR SA MISE EN OEUVRE**
[54] **PROCESS FOR THERMAL TREATMENT OF A PART USING AT LEAST ONE THERMAL TRANSFER LIQUID AND CONDENSATION OVEN FOR IMPLEMENTING IT**
[72] GARIDEL, JEAN-PAUL, FR
[71] FLUOCHIMIE, FR
[22] 1999-07-29
[43] 2001-01-29

[21] **2,279,134**
[13] A1

[51] **Int.Cl. 6C07K 17/10 6A61K 39/00 6A61K 48/00 6C12N 5/10 6C07K 16/30 6A61K 39/385 6A61K 31/70**
[25] EN
[54] **NOVEL STRATEGY FOR CARBOHYDRATE-BASED THERAPEUTIC VACCINES**
[54] **STRATEGIE NOUVELLE POUR LES VACCINS THERAPEUTIQUES A BASE DE GLUCIDES**
[72] SAD, SUBASH, CA
[72] GUO, ZHONGNU, CA
[72] JENNINGS, HAROLD J., CA
[72] LIU, TIANMIN, CA
[72] YANG, QINLING, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[43] 2001-01-29

[21] **2,279,137**
[13] A1

[51] **Int.Cl. 6B62D 33/06 6A01D 34/82**
[25] EN
[54] **LAWN TRACTOR PERSONAL ENCLOSURE**
[54] **CABINE DE TRACTEUR DE PELOUSE**
[72] HINSPERGER, PETER, CA
[71] HINSPERGERS POLY INDUSTRIES LTD., CA
[22] 1999-07-28
[43] 2001-01-28

[21] **2,279,139**
[13] A1

[51] **Int.Cl. 6F24F 13/15**
[25] EN
[54] **ADJUSTABLE REGISTER INCORPORATING A TOGGLE-JOINT MECHANISM TO MOVE SLATS THEREOF BETWEEN OPEN AND CLOSED POSITIONS**
[54] **REGISTRE D'AIR REGLABLE COMPRENANT UN MECANISME A GENOUILLERE PERMETTANT DE FAIRE PASSER LES VOLETS DE LA POSITION OUVERTE A LA POSITION FERMEE**
[72] LEE, JIUN-JONG, TW
[71] HO, TIEN-HOU JOSEPH, US
[22] 1999-07-29
[43] 2001-01-29

[21] **2,279,147**
[13] A1

[51] **Int.Cl. 6C09K 11/02 6G01M 3/20**
[25] EN
[54] **LIQUID FOR PRODUCING MARKER VAPOUR, A METHOD OF PRODUCING MARKER VAPOUR AND A METHOD OF INSPECTION WITH MARKER VAPOUR**
[54] **LIQUIDE POUR PRODUIRE UNE VAPEUR DE MARQUAGE, UNE METHODE POUR PRODUIRE CETTE VAPEUR DE MARQUAGE ET UNE METHODE D'INSPECTION A L'AIDE DE CELLE-CI**
[72] BANYARD, RICHARD LESLIE, CA
[72] DYKES, RONALD MATTHEW, CA
[71] GRAMINIA DEVELOPMENTS LTD., CA
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[13] A1
[51] **Int.Cl. 6F02B 69/04 6F02M 43/00 6F02M 61/14 6F02M 69/46**
[25] EN
[54] **FUEL INJECTOR ADAPTOR FOR CONVERSION OF SINGLE FUEL ENGINES TO DUAL FUEL ENGINES**
[54] **ADAPTATEUR D'INJECTEUR DE CARBURANT POUR CONVERTIR DES MOTEURS MONOCARBURANT EN MOTEURS HYBRIDES**
[72] GREEN, CHRISTOPHER, CA
[72] SCHIEDEL, RICHARD, CA
[72] MANCUSO, JAMES, CA
[72] HURNIK, JAKUB, CA
[71] GFI CONTROL SYSTEMS INC., US
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,151**
[13] A1
[51] **Int.Cl. 6B60C 23/06**
[25] EN
[54] **TIRE**
[54] **PNEU**
[72] HENDRIE, WILLIAM, CA
[71] HENDRIE, WILLIAM, CA
[22] 1999-07-28
[43] 2001-01-28

[21] **2,279,154**
[13] A1
[51] **Int.Cl. 6A47F 7/06**
[25] EN
[54] **DISPLAY DEVICE FOR MEMORABILIA**
[54] **PRESENTOIR POUR ARTICLES SOUVENIRS**
[72] JACOBS, NEIL, CA
[71] JACOBS, NEIL, CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,165**
[13] A1
[51] **Int.Cl. 6H04N 7/18**
[25] EN
[54] **A SYSTEM AND METHOD FOR USE WITH A MOVEABLE PLATFORM**
[54] **SYSTEME ET METHODE A UTILISER AVEC UNE PLATE-FORME MOBILE**
[72] AUBREY, G. BRETT, CA
[71] INTERSITE TECHNOLOGIES INC., CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,168**
[13] A1
[51] **Int.Cl. 6E02D 19/06**
[25] EN
[54] **FIBRE-CLAY PANEL**
[54] **PANNEAU DE FIBRES-ARGILE**
[72] DORMER, JOHN L., CA
[72] SKERMER, NIGEL A., CA
[71] PACIFIC BENTONITE LTD., CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,170**
[13] A1
[51] **Int.Cl. 6A61G 3/08**
[25] EN
[54] **WHEELCHAIR SYSTEM**
[54] **FAUTEUIL ROULANT**
[72] LOGAN, DONALD A., CA
[71] LOGAN, DONALD A., CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,218**
[13] A1
[51] **Int.Cl. 6B27B 25/02 6A01G 23/095**
[25] EN
[54] **RUBBER TO DRUM SPLINE TYPE FEED ROLL SYSTEM**
[54] **SYSTEME DE ROULEAUX D'ENTRAINEMENTS DE GENRE A TAMBOUR D'EMBAYAGE CANNELE AVEC CAOUTCHOUC**
[72] ZELLER, LESLEY ALAN, CA
[72] McKAY, JAMES RUSSELL, CA
[71] ZELLER, LESLEY ALAN, CA
[71] McKAY, JAMES RUSSELL, CA
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[43] 2001-01-29

[21] **2,279,222**
[13] A1
[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **DIRECT CALL THREADED CODE**
[54] **CODE DE CHEMINEMENT D'APPEL DIRECT**
[72] FINLAY, IAN R., CA
[72] DOOLE, DOUGLAS J., CA
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,228**
[13] A1
[51] **Int.Cl. 6H01H 9/02 6H02G 3/08**
[25] EN
[54] **PLATE FOR MOUNTING ONE OR MORE SNAP-IN TYPE ELECTRICAL SWITCHES TO A SWITCH BOX AND FOR COVERING THE SWITCH BOX**
[54] **PLAQUE SERVANT A MONTER UN OU PLUSIEURS CONTACTS ELECTRIQUES DE TYPE A ENFONCER SUR UNE BOITE DE COMMUTATION ET A RECOUVRI LA BOITE DE COMMUTATION**
[72] O'DONNELL, PATRICK, CA
[71] O'DONNELL, PATRICK, CA
[22] 1999-07-29
[43] 2001-01-29

[21] **2,279,244**
[13] A1
[51] **Int.Cl. 6A47G 25/48**
[25] EN
[54] **PANTRACK**
[54] **PORTE-PANTALONS**
[72] JONG, TUEN, CA
[72] JANG, DONNA, CA
[71] JONG, TUEN, CA
[71] JANG, DONNA, CA
[22] 1999-07-29
[43] 2001-01-29

[21] **2,279,299**
[13] A1
[51] **Int.Cl. 6B41N 1/08**
[25] EN
[54] **THERMAL WATERLESS LITHOGRAPHIC PRINTING PLATES**
[54] **PLAQUES D'IMPRESSION LITHOGRAPHIQUE SANS EAU PAR PROCEDE THERMIQUE**
[72] NGUYEN, MY T., CA
[71] AMERICAN DYE SOURCE, INC., CA
[22] 1999-07-29
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[13] A1

[51] **Int.Cl. 6B02C 13/28**
[25] EN
[54] **IMPELLER SHOE FOR AN IMPACT CRUSHER**
[54] **SEMELLE DE DISQUE DE CHOC POUR CONCASSEUR A IMPACT**
[72] WARREN, KENNETH D., US
[71] IMPACT SERVICE CORPORATION, US
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[43] 2001-01-30

[21] **2,279,322**
[13] A1

[51] **Int.Cl. 6A61H 23/02**
[25] EN
[54] **A TOTAL BODY RELAXATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE RELAXATION CORPORELLE TOTALE**
[72] ELLIOTT, GREGORY, US
[72] SEIDL, KENNETH, US
[72] VANG, DAVID, US
[72] RAFFEL, MARK J., US
[71] RAFFEL PRODUCT DEVELOPMENT CO., INC., US
[22] 1999-07-30
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[30] US (09/364,927) 1999-07-29

[21] **2,279,359**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **A METHOD OF GENERATING ATTRIBUTE CARDINALITY MAPS**
[54] **METHODE DE GENERATION DE CARTES DE CARDINALITE D'ATTRIBUTS**
[72] THIYAGARAJAH, MURALI, CA
[72] OOMMEN, BASANTKUMAR JOHN, CA
[71] THIYAGARAJAH, MURALI, CA
[71] OOMMEN, BASANTKUMAR JOHN, CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,373**
[13] A1

[51] **Int.Cl. 6B65G 69/04**
[25] EN
[54] **APPARATUS FOR UNIFORMLY DISPENSING PARTICULATE MATERIAL INTO A VESSEL**
[54] **APPAREIL PERMETTANT UNE DISTRIBUTION UNIFORME DE PARTICULES DANS UN RECIPIENT**
[72] GUREVICH, SERGEY V., US
[72] JAMA, OMAR M., US
[72] MIKULICZ, MICHAEL Z., US
[71] UOP LLC, US
[22] 1999-08-02
[43] 2001-02-02

[21] **2,279,435**
[13] A1

[51] **Int.Cl. 6F15B 15/18 6F15B 13/04 6F15B 11/08**
[25] EN
[54] **LINEAR ACTUATOR**
[54] **ACTIONNEUR LINEAIRE**
[72] DUFF, MICHAEL, CA
[71] HYDRA-TECH MANUFACTURING (1990) LTD., CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,436**
[13] A1

[51] **Int.Cl. 6E04H 12/00 6E04H 17/20 6E02D 5/60**
[25] EN
[54] **COLUMN PROTECTOR APPARATUS**
[54] **APPAREIL DE PROTECTION DE COLONNE**
[72] GUILBEAULT, ROBERT H., US
[71] GUILBEAULT, ROBERT H., US
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,448**
[13] A1

[51] **Int.Cl. 6B60P 1/26**
[25] EN
[54] **DUMP TRUCK END GATE LOCKING SYSTEM**
[54] **DISPOSITIF DE BLOCAGE DE HAYON DE CAMION A BENNE**
[72] CORNELL, DWAYNE HOWARD, CA
[72] CORNELL, BRENT LOREN, CA
[71] CORNELL, DWAYNE HOWARD, CA
[71] CORNELL, BRENT LOREN, CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,473**
[13] A1

[51] **Int.Cl. 6F01N 1/12**
[25] EN
[54] **BLOWER NOISE SILENCER**
[54] **ATTENUATEUR DE BRUIT DE VENTILATEUR**
[72] BOKOR, KEN, CA
[71] BOKOR MANUFACTURING INC., CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,477**
[13] A1

[51] **Int.Cl. 6H04M 7/00 6H04M 19/08**
[25] EN
[54] **CREST FACTOR COMPENSATED DRIVER**
[54] **CIRCUIT D'ATTAQUE COMPENSE PAR FACTEUR DE CRETE**
[72] BISSON, ROBERT, CA
[71] CATENA TECHNOLOGIES CANADA, INC., CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,483**
[13] A1

[51] **Int.Cl. 6E06B 3/20 6E06B 1/26**
[25] FR
[54] **CADRE DE PORTE OU FENETRE EN PVC AVEC CADRE DE RENFORT INCORPORE**
[54] **PVC DOOR OR WINDOW FRAME WITH BUILT-IN REINFORCING FRAMEWORK**
[72] JOLY, JEAN-CLAUDE, CA
[72] OUELLETTE, RAYMOND, CA
[72] SCHMIDT, HELMUT, CA
[71] LES PRODUITS VERRIERS NOVATECH INC., CA
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[43] 2001-01-30

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[13] A1
[51] **Int.Cl. 6B62K 15/00 6B62K 3/10 6B62K 21/18**
[25] FR
[54] **BICYCLETTE ALLONGEE PLIABLE AVEC SUSPENSION CENTRALE**
[54] **EXTENDED COLLAPSIBLE BICYCLE WITH CENTRAL SUSPENSION**
[72] LEMAY, FRANÇOIS, CA
[71] LEMAY, FRANÇOIS, CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,279,514**
[13] A1
[51] **Int.Cl. 6G01G 19/56 6A47G 21/08 6A47J 43/28**
[25] EN
[54] **SCOOP WITH WEIGH SCALE**
[54] **PELLE A MAIN AVE BALANCE**
[72] SHYMKO, WAYNE W., CA
[71] SHYMKO, WAYNE W., CA
[22] 1999-08-02
[43] 2001-02-02

[21] **2,279,525**
[13] A1
[51] **Int.Cl. 6C02F 11/14**
[25] FR
[54] **PROCEDE HYBRIDE CHIMIQUE ET BIOLOGIQUE DE DECONTAMINATION DE BOUES D'EPURATION MUNICIPALES**
[54] **HYBRID BIOLOGICAL AND CHEMICAL PROCESS FOR DECONTAMINATING MUNICIPAL SEWAGE SLUDGE**
[72] BLAIS, JEAN-FRANÇOIS, CA
[72] SASSEVILLE, JEAN-LOUIS, CA
[72] TYAGI, RAJESHWAR D., CA
[72] MEUNIER, NATHALIE, CA
[72] MERCIER, GUY, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[22] 1999-08-03
[43] 2001-02-03

[21] **2,279,560**
[13] A1
[51] **Int.Cl. 6F25C 5/02 6B23B 47/00 6E21B 3/00 6E21B 17/02 6F16D 1/10**
[25] EN
[54] **ICE AUGER CONNECTOR**
[54] **CONNECTEUR DE TARIERE A GLACE**
[72] FITZPATRICK, BRIAN, CA
[71] FITZPATRICK, BRIAN, CA
[22] 1999-08-03
[43] 2001-02-03

[21] **2,279,566**
[13] A1
[51] **Int.Cl. 6H04B 1/18 6H04N 5/44**
[25] EN
[54] **RECEIVER**
[54] **RECEPTEUR**
[72] OHIRA, KOJI, JP
[71] SANYO ELECTRIC CO., LTD., JP
[71] SANYO TUNERS INDUSTRIES CO., LTD., JP
[22] 1999-08-03
[43] 2001-02-03

[21] **2,279,766**
[13] A1
[51] **Int.Cl. 6B01D 65/02 6C02F 9/00**
[25] EN
[54] **AERATION SYSTEM FOR SUBMERGED MEMBRANE MODULE**
[54] **SYSTEME D'AERATION POUR MODULE A MEMBRANES IMMERGE**
[72] SINGH, MANWINDER, CA
[72] RABIE, HAMID R., CA
[72] COTE, PIERRE, CA
[72] JANSON, ARNOLD, CA
[71] ZENON ENVIRONMENTAL INC., CA
[22] 1999-07-30
[43] 2001-01-30

[21] **2,280,021**
[13] A1
[51] **Int.Cl. 6C25C 7/02 6C25C 1/20**
[25] EN
[54] **SERRATED ANODE FOR SILVER RECOVERY SYSTEMS**
[54] **ANODE DENTELEE POUR SYSTEMES DE RECUPERATION DE L'ARGENT**
[72] BRIM0, RENÉ J., CA
[71] BRIM0, RENÉ J., CA
[22] 1999-07-28
[43] 2001-01-28

[21] **2,280,022**
[13] A1
[51] **Int.Cl. 6G02C 7/04 6G02B 27/01**
[25] EN
[54] **CONTACT LENS FOR THE DISPLAY OF INFORMATION SUCH AS TEXT, GRAPHICS, OR PICTURES**
[54] **LENTILLE CORNEENNE POUR L'AFFICHAGE D'INFORMATIONS SOUS FORME DE TEXTE, DE GRAPHIQUES OU D'IMAGES**
[72] MANN, STEVE G., CA
[71] MANN, STEVE G., CA
[22] 1999-07-28
[43] 2001-01-28

[21] **2,280,310**
[13] A1
[51] **Int.Cl. 6A61K 33/00**
[25] EN
[54] **NMDA ANTAGONIST**
[54] **ANTAGONISTE DE NMDA**
[72] MAZE, MERVYN, GB
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[71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, GB
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[30] GB (9917822.0) 1999-07-29

[21] **2,280,925**
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[51] **Int.Cl. 6C07D 501/34 6C07D 501/02 6A61K 31/545**
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[72] SHIRAKAWA, KOICHI, JP
[72] SAKAI, KOSUKE, JP
[71] WATERWORKS TECHNOLOGY DEVELOPMENT ORGANIZATION CO., LTD., JP
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[30] JP (11-219410) 1999-08-03

[21] **2,282,064**
[13] A1

[51] **Int.Cl. 6H05K 11/00 6G06T 7/00 6H05K 11/02 6G08G 1/0962 6H04N 7/18**
[25] EN
[54] **A SYSTEM AND METHOD FOR USE WITH A MOVEABLE PLATFORM**
[54] **SYSTEME ET METHODE A UTILISER AVEC UNE PLATE-FORME MOBILE**
[72] AUBREY, G. BRETT, CA
[71] INTERSITE TECHNOLOGIES INC., CA
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[30] CA (2,279,165) 1999-07-30

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[54] **APPAREIL A RAYONNEMENT POUR LE TRAITEMENT D'UN FLUIDE**
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[72] ALBERTAZZI, PAUL, US
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[21] **2,283,368**
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[54] **ROLLING MILL**
[54] **LAMINOIR**
[72] YORIFUJI, AKIRA, JP
[72] INUI, SHO, JP
[72] FUJIWARA, HIROSHI, JP
[72] SUGANO, KOJI, JP
[72] OCHI, SHIGEHARU, JP
[72] ITADANI, MOTOAKI, JP
[72] TANAKA, NOBUKI, JP
[72] TOYOOKA, TAKAAKI, JP
[72] KODAKA, MIKIO, JP
[72] ONISHI, TOSHIO, JP
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[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[21] **2,288,425**
[13] A1

[51] **Int.Cl. 6F24C 7/02 6F24C 7/08 6H05B 6/68**
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[54] **FOUR A MICRO-ONDES COMPORTANT UN DISPOSITIF DE DETECTION DES MICRO-ONDES**
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[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[21] **2,288,483**
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[71] CHAPMAN, GORDON, CA
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[13] A1

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[54] **METHODS AND APPARATUS FOR IDENTIFYING THE SOURCE OF A USER SELECTED SIGNAL VIA AN INTERMEDIATE FREQUENCY PROBE**
[54] **METHODES ET APPAREIL PERMETTANT DE DETERMINER LA SOURCE D'UN SIGNAL SELECTIONNE PAR L'UTILISATEUR AU MOYEN D'UNE SONDE A FREQUENCE INTERMEDIAIRE**
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[71] NIELSEN MEDIA RESEARCH, INC., US
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[43] 2001-02-02
[30] US (09/365,378) 1999-08-02

[21] **2,295,455**
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[72] BANDARRA, JOAO, PT
[71] HOVIONE INTER LTD., CH
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[21] **2,297,495**
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[54] **METHOD AND SYSTEM FOR INTERNET DELIVERY OF LEGAL SERVICES**
[54] **METHODE ET SYSTEME DE FOURNITURE DE SERVICES JURIDIQUES PAR INTERNET**
[72] LOVIG, BRIAN L., CA
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[43] 2001-01-28
[30] CA (2,279,053) 1999-07-28
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[25] EN
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[54] **MONITEUR AMELIORE POUR STADES**
[72] CAMPOY ODENA, SERGIO, ZZ
[72] SOCIAS BATET, MARCELINO, ZZ
[71] INTERNATIONAL SPORTS ORGANIZATION, S.A., ES
[71] ODECO ELECTRONICA, S.A., ES
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[21] **2,297,881**
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[54] **ELECTRONICALLY CONTROLLED ACKERMAN STEERING**
[54] **DIRECTION ACKERMAN A COMMANDE ELECTRONIQUE**
[72] LEGLER, EDWARD P., US
[72] JOHNSON, STEPHEN D., US
[71] PACCAR INC., US
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[30] US (09/363,468) 1999-07-29

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[54] **TENDEUR DE TABLIER DE RECOLTEUSE**
[72] MCCREDIE, PAUL JOHN, US
[72] BECKER, KLAUS ERNST, US
[71] DEERE & COMPANY, US
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[13] A1
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[54] **ELECTRIC WATER HEATER WITH SIMPLIFIED PHASE CONVERSION APPARATUS**
[54] **CHAUFFE-EAU ELECTRIQUE AVEC DISPOSITIF SIMPLIFIE DE CONVERSION DE PHASE**
[72] HENDERSON, DAVID L., US
[72] POWELL, TIMOTHY E., US
[71] RHEEM MANUFACTURING COMPANY, US
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[30] US (09/363,156) 1999-07-28

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[25] EN
[54] **SUPPORT STRUCTURE FOR A CANOPY OF A TRAILER**
[54] **STRUCTURE SUPPORT POUR COUVERTURE RIGIDE DE REMORQUE**
[72] NOTHEM, JEFFREY M., US
[72] PRIESGEN, TONY P., US
[71] TRITON CORPORATION, US
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[30] US (09/362,938) 1999-07-28

[21] **2,299,971**
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[51] **Int.Cl. 7F24C 15/36**
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[54] **COUVRE-PORTE DE FOUR A L'EPREUVE DES ENFANTS**
[72] JEWELL, STEPHANIE J., CA
[71] JEWELL, STEPHANIE J., CA
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[21] **2,300,290**
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[51] **Int.Cl. 7E02D 29/12**
[25] EN
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[54] **REGARD DE VISITE AVEC RALLONGES LATERALES**
[72] TRAN-QUOC-NAM, JOHN, CA
[71] TRAN-QUOC-NAM, JOHN, CA
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[43] 2001-02-03
[30] US (60/123,368) 1999-08-03

[21] **2,301,426**
[13] A1
[51] **Int.Cl. 7A01K 1/00 7A01K 1/02**
[25] EN
[54] **HEAT LAMP FOR A FARROWING PEN**
[54] **LAMPE INFRAROUGE POUR CASE DE MISE BAS**
[72] KITT, LONNIE J., US
[71] KITT, LONNIE J., US
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[43] 2001-01-30
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[21] **2,302,032**
[13] A1
[51] **Int.Cl. 7B23D 45/14 7B27B 5/36**
[25] EN
[54] **MITER SAW**
[54] **SCIE A ONGLETS**
[72] CHAIKOWSKY, PETER, US
[71] BLACK & DECKER INC., US
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[30] US (60/146,021) 1999-07-28

[21] **2,303,981**
[13] A1
[51] **Int.Cl. 7H05H 1/42 7C23C 4/00**
[25] EN
[54] **PLASMA SPRAYING APPARATUS**
[54] **APPAREIL DE PROJECTION PAR PLASMA**
[72] MULLER, MARKUS, CH
[71] SULZER METCO AG, CH
[22] 2000-04-06
[43] 2001-01-28
[30] DE (199 35 468.5) 1999-07-28

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[13] A1

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[25] EN
[54] **IMPROVED ELECTROCHEMICAL SENSOR DESIGN**
[54] **CONCEPTION D'UN DETECTEUR ELECTROCHIMIQUE AMELIORE**
[72] EDEL BROCK, ANDREW J., US
[72] NOELL, J. OAKLEY, US
[72] MUSHO, MATTHEW K., US
[71] BAYER CORPORATION, US
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[43] 2001-02-02
[30] US (09/366,269) 1999-08-02

[21] **2,306,225**
[13] A1

[51] **Int.Cl. 7F16L 3/02 7D06F 39/08**
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[54] **HOSE RETAINER**
[54] **DISPOSITIF DE RETENUE DE TUYAU SOUPLE**
[72] HERR, JOEL L., US
[72] JOHNSON, TROY A., US
[72] JACKOVIN, GARY B., US
[71] MAYTAG CORPORATION, US
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[30] US (09/364,561) 1999-07-30

[21] **2,307,056**
[13] A1

[51] **Int.Cl. 7B01J 23/20 7B01J 21/06 7C07C 17/08**
[25] EN
[54] **FLUORINATION CATALYSTS**
[54] **CATALYSEURS DE FLUORATION**
[72] ELSHEIKH, MAHER Y., US
[72] CHEN, BIN, US
[71] ELF ATOCHEM NORTH AMERICA, INC., US
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[21] **2,307,281**
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[54] **IMPROVED DENTAL FLOSS**
[54] **SOIE DENTAIRE AMELIOREE**
[72] PROULX, GENEVIEVE CHRISTIANNE, CA
[71] PROULX, GENEVIEVE CHRISTIANNE, CA
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[30] CA (2,279,019) 1999-08-02

[21] **2,307,990**
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[25] EN
[54] **PREPACKAGED CONTACT LENS WEARER HAND NEUTRALIZING TOWELETTE AND CONTACT LENS REWETTING AGENT**
[54] **ESSUIE-DOIGTS PRE-EMBALLÉ POUR NEUTRALISER LA PEAU DES MAINS D'UN PORTEUR DE VERRES DE CONTACT ET AGENT POUR HUMIDIFIER LES VERRES DE CONTACT**
[72] DOTSON, R. SCOTT, US
[71] DOTSON, R. SCOTT, US
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[30] US (09/365,073) 1999-07-30

[21] **2,308,247**
[13] A1

[51] **Int.Cl. 7B32B 27/06 7E04F 15/00 7B32B 7/04 7B32B 27/32**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING A LAMINATE EMPLOYING A PLASTIC FILM**
[54] **SYSTEME ET METHODE POUR PRODUIRE UN STRATIFIE AVEC UN FILM DE PLASTIQUE**
[72] KREBS, ROBERT R., US
[71] PREMARK RWP HOLDINGS, INC., US
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[43] 2001-01-29
[30] US (09/363,466) 1999-07-29

[21] **2,308,433**
[13] A1

[51] **Int.Cl. 7B28D 1/02 7A47F 9/00**
[25] EN
[54] **PROCESS FOR FABRICATING COUNTERTOPS**
[54] **PROCEDE DE FABRICATION DE COMPTOIRS**
[72] MOORE, STEVEN J., US
[72] DOUGLAS, HOWARD LYNN, US
[71] PREMARK RWP HOLDINGS, INC., US
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[43] 2001-02-02
[30] US (09/365,018) 1999-08-02

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[13] A1

[51] **Int.Cl. 7G09F 13/20**
[25] EN
[54] **LUMINESCENT DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE LUMINESCENT**
[72] TURK, DAVID A., CA
[72] ANDREWS, DEAN T., US
[71] TURK, DAVID A., CA
[71] ANDREWS, DEAN T., US
[22] 2000-05-11
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[30] US (09/361,978) 1999-07-28

[21] **2,309,402**
[13] A1

[51] **Int.Cl. 7H04L 29/02**
[25] EN
[54] **DISTRIBUTED FLOW CONTROL SYSTEM AND METHOD FOR GPRS NETWORKS**
[54] **SYSTEME ET METHODE DE COMMANDE REPARTIE DU FLUX POUR RESEAUX GPRS**
[72] ZHU, YIXIN, US
[72] HANSON, MARK E., US
[72] HO, JOSEPH S., US
[71] NORTEL NETWORKS CORPORATION, CA
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[13] A1
[51] **Int.Cl. 7B65G 45/16**
[25] EN
[54] **BELT CLEANER**
[54] **NETTOYEUR DE COURROIE**
[72] UCHIDA, MASAHIRO, JP
[72] YOSHIZAKO, KAGEYOSHI, JP
[72] FUJISAKI, NOBUYOSHI, JP
[71] NIPPON TSUSHO KABUSHIKI
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[22] 2000-05-30
[43] 2001-01-28
[30] JP (11-181412) 1999-07-28

[21] **2,310,337**
[13] A1
[51] **Int.Cl. 7G02B 6/25**
[25] EN
[54] **METHOD AND APPARATUS FOR CUTTING SOLID CORE FIBER OPTIC CABLE**
[54] **METHODE ET APPAREIL POUR COUPER LES CABLES OPTIQUES A COEUR PLEIN**
[72] LEVEY, KENNETH, US
[72] CASEY, CHRISTOPHER, US
[72] MADHYASTHA, MAITREYA, US
[72] COLWELL, JASON, US
[71] ILLINOIS TOOL WORKS INC., US
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[30] US (09/364,793) 1999-07-30

[21] **2,310,553**
[13] A1
[51] **Int.Cl. 7H04L 12/54 7H04Q 7/00 7G06F 17/60**
[25] EN
[54] **TECHNICAL ENABLING MESSAGING SYSTEMS TO USE ALTERNATIVE MESSAGE DELIVERY MECHANISMS**
[54] **SYSTEMES DE MESSAGERIE PERMETTANT DE RECOURIR A DES MECANISMES DE REMPLACEMENT DE LIVRAISON DE MESSAGES**
[72] SUNDSTROM, ROBERT JOSEPH, US
[72] OGLE, DAVID MARK, US
[72] POZEFESKY, DIANE PHYLIS, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[43] 2001-02-03
[30] US (09/365,915) 1999-08-03

[21] **2,310,576**
[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR SELECTIVE INCREMENTAL DEFERRED CONSTRAINT PROCESSING AFTER BULK LOADING DATA**
[54] **SYSTEME ET METHODE DE TRAITEMENT SELECTIF, INCREMENTIEL ET DIFFERE DE CONTRAINTES APRES CHARGEMENT EN BLOC DES DONNEES**
[72] SIDLE, RICHARD S., US
[72] LIGHTSTONE, SAM S., CA
[72] PIRAHESHI, MIR HAMID, US
[72] WINER, MICHAEL J., CA
[72] CHAN, PETRUS KAI C. C., CA
[72] ZUZARTE, CALISTO P., CA
[72] TRUONG, TUONG CHANH, US
[72] COCHRANE, ROBERTA JO, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[43] 2001-01-30
[30] US (09/364,753) 1999-07-30

[21] **2,310,577**
[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **EFFICIENT IMPLEMENTATION OF TYPED VIEW HIERARCHIES FOR ORDBMS**
[54] **MISE EN APPLICATION EFFICACE DE HIERARCHIES DE VUES TYPEES POUR SYSTEME DE GESTION DE BASE DE DONNEES RELATIONNELLES ORIENTE OBJET**
[72] LAPIS, GEORGE, US
[72] VANCE, BENNET, US
[72] PIRAHESH, MIR HAMID, US
[72] CAREY, MICHAEL J., US
[72] RIELAU, SERGE P., CA
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[43] 2001-01-30
[30] US (09/365,590) 1999-07-30

[21] **2,310,842**
[13] A1
[51] **Int.Cl. 7H04L 29/02 7H04L 12/26**
[25] EN
[54] **PAGE AGGREGATION FOR WEB SITES**
[54] **REGROUPEMENT DE PAGES POUR SITES WEB**
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[71] GTE LABORATORIES INCORPORATED, US
[22] 2000-06-07
[43] 2001-01-30
[30] US (09/364,782) 1999-07-30

[21] **2,310,921**
[13] A1
[51] **Int.Cl. 7H04Q 7/36 7H04L 5/00 7H04L 12/16**
[25] EN
[54] **METHOD OF PROVIDING VARIABLE INFORMATION TO WIRELESS SYSTEM USERS**
[54] **METHODE POUR FOURNIR DES INFORMATIONS VARIABLES A DES UTILISATEURS DE SYSTEME SANS FIL**
[72] STEPHENS, GARY BOYD, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-06-07
[43] 2001-01-30
[30] US (09/365,266) 1999-07-30

[21] **2,310,929**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7G06F 7/00 7H04L 12/24**
[25] EN
[54] **CLASSIFICATION BY IR TECHNIQUES**
[54] **CLASSIFICATION PAR TECHNIQUES DE RECHERCHE D'INFORMATIONS**
[72] PONTE, JAY MICHAEL, US
[71] GTE LABORATORIES INCORPORATED, US
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[43] 2001-01-30
[30] US (09/364,196) 1999-07-30

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[21] **2,310,931**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 7/00 7H04L 12/24**
[25] EN
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[54] **REPLACANTS DE DOCUMENTS COMPRIMES**
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[71] GTE LABORATORIES INCORPORATED, US
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[43] 2001-01-30
[30] US (09/365,326) 1999-07-30

[21] **2,311,038**
[13] A1

[51] **Int.Cl. 7B29C 73/10**
[25] EN
[54] **PROTECTIVE GUMSTOCK AND PATCH COMPOSITION FOR OFF-THE-ROAD TIRE**
[54] **ENSEMBLE D'EMPLATRE DE PROTECTION EN CAOUTCHOUC POUR PNEU TOUT TERRAIN**
[72] BONDS, EZRA DEWAYNE, US
[72] MILLER, DOUGLAS WATHA, US
[72] MAJUMDAR, RAMENDRA NATH, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
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[43] 2001-01-30
[30] US (09/365,086) 1999-07-30

[21] **2,311,181**
[13] A1

[51] **Int.Cl. 7C04B 41/87 7H05B 3/12**
[25] EN
[54] **AGING RESISTANT, POROUS SILICON CARBIDE CERAMIC IGNITER**
[54] **ALLUMEUR EN CERAMIQUE POREUSE A CARBURE DE SILICIUM, RESISTANT AU VIEILLISSEMENT**
[72] OLSON, JAMES, US
[72] ARSENAULT, NORMAND P., US
[72] LIN, ROGER J., US
[72] WILLKENS, CRAIG A., US
[71] SAINT-GOBAIN INDUSTRIAL CERAMICS, INC., US
[22] 2000-06-12
[43] 2001-01-28
[30] US (09/362,479) 1999-07-28

[21] **2,311,341**
[13] A1

[51] **Int.Cl. 7B30B 15/14**
[25] EN
[54] **AUTOMATIC CLUTCH TORQUE CONTROL FOR A MECHANICAL PRESS**
[54] **ASSERVISSEMENT AUTOMATIQUE DE COUPLE D'EMBRAYAGE POUR PRESSE MECANIQUE**
[72] SCHMITZ, DAVE, US
[71] THE MINSTER MACHINE COMPANY, US
[22] 2000-06-13
[43] 2001-01-29
[30] US (09/363,111) 1999-07-29

[21] **2,311,876**
[13] A1

[51] **Int.Cl. 7H01M 4/66**
[25] EN
[54] **LITHIUM BATTERY HAVING IMPROVED CURRENT COLLECTING MEANS**
[54] **PILE AU LITHIUM COMPORTANT UN DISPOSITIF DE COLLECTE DE COURANT AMELIORE**
[72] DASGUPTA, SANKAR, CA
[72] BHOLA, RAKESH, CA
[72] JACOBS, JAMES K., CA
[71] DASGUPTA, SANKAR, CA
[71] BHOLA, RAKESH, CA
[71] JACOBS, JAMES K., CA
[22] 2000-06-27
[43] 2001-01-28
[30] US (09/361,977) 1999-07-28

[21] **2,311,960**
[13] A1

[51] **Int.Cl. 7G09F 3/02 7G06K 9/18 7B65C 9/25**
[25] EN
[54] **PERMANENT TAMPER RESISTANT BAR CODE LABELS FOR TIRES**
[54] **ETIQUETTES PERMANENTES ET INVOLABLES DE CODES A BARRES DE PNEUS**
[72] VAN GELDEREN, GERRIT JOHAN, US
[72] NICOLA, BRUCE EDWARD, US
[72] MAJUMDAR, RAMENDRA NATH, US
[72] TIPTON, MARVIN WAYNE, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2000-06-19
[43] 2001-01-30
[30] US (09/365,095) 1999-07-30

[21] **2,311,964**
[13] A1

[51] **Int.Cl. 7H04L 12/12 7H04M 11/06 7H04L 12/16**
[25] EN
[54] **ENTERPRISE-WIDE INTELLIGENT CALL CENTER ROUTING**
[54] **ACHEMINEMENT DE CENTRE D'APPELS INTELLIGENT A L'ECHELLE DE L'ENTREPRISE**
[72] LU, DAVID T., US
[72] ZALECKAS, JEAN F., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-06-19
[43] 2001-01-30
[30] US (60/146,399) 1999-07-30
[30] US (09/408,381) 1999-09-29

[21] **2,312,308**
[13] A1

[51] **Int.Cl. 7B22D 43/00 7B22D 13/00 7B22D 13/10**
[25] EN
[54] **PIPE CORE CLEAN OUT SYSTEM**
[54] **SYSTEME DE CURAGE DE TUYAU**
[72] GOBEILE, JOSEPH J., US
[72] PETING, ROBERT G., US
[71] AMSTED INDUSTRIES INCORPORATED, US
[22] 2000-06-20
[43] 2001-01-29
[30] US (09/363,681) 1999-07-29

[21] **2,312,471**
[13] A1

[51] **Int.Cl. 7B27G 3/00 7B27B 9/00**
[25] EN
[54] **DUST COLLECTION PORT FOR USE WITH A SAW**
[54] **ORIFICE DE COLLECTEUR DE SCIURE D'UNE SCIE**
[72] DOUMANI, ROBERT, US
[72] POWELL, DENNIS, US
[71] S-B POWER TOOL COMPANY, US
[22] 2000-06-27
[43] 2001-01-30
[30] US (09/365,124) 1999-07-30

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[21] **2,312,518**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**
[25] EN
[54] **CREW OPTIMIZATION ENGINE FOR REPAIR OF PAIRINGS DURING IRREGULAR AIRLINE OPERATIONS**
[54] **MOTEUR D'OPTIMISATION DES EQUIPAGES POUR REFAIRE L'APPARIEMENT AU COURS D'OPERATIONS AERIENNES IRREGULIERES**
[72] YU, GANG, US
[72] SONG, GAO, US
[71] CALEB TECHNOLOGIES CORP., US
[22] 2000-06-27
[43] 2001-01-30
[30] US (09/364,156) 1999-07-30

[21] **2,312,559**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 17/10 7G06F 13/38**
[25] EN
[54] **OPTIMIZATION ENGINE FOR FLIGHT ASSIGNMENT, SCHEDULING AND ROUTING OF AIRCRAFT IN RESPONSE TO IRREGULAR OPERATIONS**
[54] **MOTEUR D'OPTIMISATION POUR L'AFFECTATION, LA PROGRAMMATION DES AERONEFS ET LES LIAISONS QU'ILS DOIVENT ASSURER A LA SUITE D'OPERATIONS IRREGULIERES**
[72] YU, GANG, US
[72] ARGUELLO, MICHAEL F., US
[71] CALEB TECHNOLOGIES CORP., US
[22] 2000-06-27
[43] 2001-01-30
[30] US (09/364,157) 1999-07-30

[21] **2,312,629**
[13] A1
[51] **Int.Cl. 7E05F 11/54**
[25] EN
[54] **DRIVE ARRANGEMENT FOR A MOTOR VEHICLE CLOSURE PANEL**
[54] **DISPOSITIF D'ENTRAINEMENT POUR PANNEAU DE FERMETURE DE VEHICULE MOTORISE**
[72] MANNING, RICHARD A., US
[72] BUTLER, FREDERICK C., US
[71] DAIMLERCHRYSLER CORPORATION, US
[22] 2000-06-28
[43] 2001-01-29
[30] US (09/363,461) 1999-07-29

[21] **2,312,857**
[13] A1
[51] **Int.Cl. 7A63B 21/06**
[25] EN
[54] **FOLDABLE EXERCISE BENCH**
[54] **BANC D'EXERCICES PLIANT**
[72] WEBBER, RANDALL T., US
[71] WEBBER, RANDALL T., US
[22] 2000-06-29
[43] 2001-02-03
[30] US (09/366,511) 1999-08-03

[21] **2,313,065**
[13] A1
[51] **Int.Cl. 7C07C 229/24 7C09D 175/02**
[25] EN
[54] **IMPROVED POLYUREA COATINGS FROM DIMETHYL-SUBSTITUTED POLYASPARTIC ESTER MIXTURES**
[54] **REVETEMENTS EN POLYUREE AMELIORES OBTENUS A PARTIR DE MELANGES D'ESTERS POLYASPARTIQUES DIMETHYLES**
[72] ROESLER, RICHARD R., US
[72] SQUILLER, EDWARD P., US
[71] BAYER CORPORATION, US
[22] 2000-06-29
[43] 2001-01-29
[30] US (09/363,174) 1999-07-29

[21] **2,313,248**
[13] A1
[51] **Int.Cl. 7C07K 1/113 7C07K 16/00 7C12P 21/00 7C12P 21/08 7C12N 15/10 7C07K 14/285 7C12N 9/48 7C07K 14/555 7C07K 14/575**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF NATURALLY FOLDED AND SECRETED PROTEINS BY CO-SECRETION OF MOLECULAR CHAPERONES**
[54] **PROCEDE DE PRODUCTION DE PROTEINES SECRETEES ET MISES EN FORME NATURELLEMENT PAR CO-SECRETION DE MOLECULES CHAPERONNES**
[72] SCHAFFNER, JORG, DE
[72] AMBROSIUS, DOROTHEE, DE
[72] SCHWARZ, ELISABETH, DE
[72] RUDOLPH, RAINER, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2000-07-26
[43] 2001-01-29
[30] EP (99114811.5) 1999-07-29

[21] **2,313,264**
[13] A1
[51] **Int.Cl. 7G07F 17/32**
[25] EN
[54] **GAMING MACHINE WITH VARIABLE PROBABILITY OF OBTAINING BONUS GAME PAYOUTS**
[54] **MACHINE DE JEU OFFRANT DES PROBABILITES VARIABLES D'OBTENIR DES JEUX-PRIMES**
[72] GURA, DAMON E., US
[71] WMS GAMING INC., US
[22] 2000-06-29
[43] 2001-01-30
[30] US (09/343,798) 1999-07-30

[21] **2,313,365**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR CREATING CUSTOMIZED PRODUCTS**
[54] **METHODE ET SYSTEME DE CREATION DE PRODUITS PERSONNALISES**
[72] LEEDS, GARY, US
[71] PEAKCARE, LLC, US
[22] 2000-07-04
[43] 2001-01-30
[30] US (09/365,097) 1999-07-30

[21] **2,313,397**
[13] A1
[51] **Int.Cl. 7B25B 13/46**
[25] EN
[54] **RATCHET WHEEL WITH ASYMMETRIC ARCUATE CONCAVE TEETH OR NON-ARCUATE CONCAVE TEETH AND RATCHETING TOOLS WITH SUCH RATCHET WHEEL**
[54] **ROUE A ROCHET AVEC DENTURE CONCAVE ARQUEE ASYMETRIQUE OU DENTURE CONCAVE NON ARQUEE ET OUTILS A ROCHET AVEC UNE TELLE ROUE A ROCHET**
[72] HU, BOBBY, TW
[71] HU, BOBBY, TW
[22] 2000-07-05
[43] 2001-02-03
[30] US (09/365,738) 1999-08-03

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[21] **2,313,494**
[13] A1

[51] **Int.Cl. 7A61F 2/12**
[25] EN
[54] **A METHOD FOR THE MANUFACTURE OF BREAST PROSTHESES**
[54] **METHODE DE FABRICATION DE PROTHESES MAMMAIRES**
[72] STELTER, NILS, DE
[72] STUFFER, HANS, DE
[71] AMOENA MEDIZIN-ORTHOPÄDIE-TECHNIK GMBH & CO., DE
[22] 2000-07-10
[43] 2001-01-28
[30] DE (199 35 494.4) 1999-07-28

[21] **2,313,693**
[13] A1

[51] **Int.Cl. 7A61F 2/14 7H04N 7/18 7H04N 5/30**
[25] EN
[54] **IMPLANTABLE CAMERA OR PERSONAL IMAGING SYSTEM WITH IMPLANTABLE PORTION**
[54] **CAMERA IMPLANTABLE OU SYSTEME D'IMAGERIE PERSONNEL COMPORTANT UNE PARTIE IMPLANTABLE**
[72] MANN, STEVE, CA
[71] MANN, STEVE, CA
[22] 2000-07-19
[43] 2001-01-28
[30] CA (CA2280022) 1999-07-28
[30] CA (CA2280425) 1999-08-16
[30] CA (CA2280420) 1999-08-12
[30] US (09/422559) 1999-10-21
[30] US (09/421937) 1999-10-21
[30] US (09/421938) 1999-10-21
[30] US (09/422790) 1999-10-22
[30] US (09/422791) 1999-10-22
[30] US (09/422795) 1999-10-22
[30] US (09/480929) 1999-12-31
[30] US (09/480930) 1999-12-31

[21] **2,313,736**
[13] A1

[51] **Int.Cl. 7H04L 1/22 7H04L 29/06**
[25] EN
[54] **A VOICE FREQUENCY DATA ENHANCEMENT METHOD**
[54] **METHODE D'AMELIORATION DES DONNEES A FREQUENCES VOCALES**
[72] TAYLOR, BRENT EDWARD, US
[72] GOUDZWAARD, DANIEL JOHN, US
[72] BROWN, RONALD ROBERT, US
[72] GOELZ, PHILLIP C., US
[72] DUFFANY, JEFFREY LOUIS, US
[72] BHUYAN, ARUPJYOTI, US
[72] DEICHSTETTER, ERIC A., US
[72] BOYER, GERALD R., US
[72] RICE, DAVID REAGAN, US
[72] KOTT, JOSEPH JOHN, US
[72] LOGE, DENNIS, US
[72] KHOE, HOO-YIN, US
[72] HRYCKO, MATTHEW S., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-12
[43] 2001-01-30
[30] US (09/364,412) 1999-07-30

[21] **2,313,770**
[13] A1

[51] **Int.Cl. 7C09D 167/07 7B05D 3/06 7C09D 175/16**
[25] EN
[54] **COMPOSITION AND METHOD FOR MANUFACTURING A SURFACE COVERING PRODUCT HAVING A CONTROLLED GLOSS SURFACE COATED WEARLAYER**
[54] **COMPOSITION ET PROCEDE DE FABRICATION D'UN PRODUIT DE REVETEMENT DE SURFACE AYANT UNE COUCHE D'USURE DOTEES D'UN FILM A LUSTRE REGULE**
[72] ROSENAU, CLIFFORD M., US
[72] SIGEL, GARY A., US
[72] DESANTIS, CRAIG W., US
[72] APPELYARD, F. JOSEPH, US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 2000-07-12
[43] 2001-01-28
[30] US (09/363,902) 1999-07-28

[21] **2,313,788**
[13] A1

[51] **Int.Cl. 7B64D 13/00**
[25] EN
[54] **AIR-CONDITIONING SYSTEM FOR AIRPLANE CABINS**
[54] **SYSTEME DE CONDITIONNEMENT D'AIR POUR CABINE D'AVION**
[72] SAUTERLEUTE, ALFRED, DE
[71] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE
[22] 2000-07-12
[43] 2001-01-30
[30] DE (199 35 918.0) 1999-07-30

[21] **2,313,807**
[13] A1

[51] **Int.Cl. 7B60K 6/04 7B60K 26/00 7B60L 11/12**
[25] EN
[54] **CONTROL SYSTEM FOR HYBRID VEHICLE**
[54] **SYSTEME DE COMMANDE POUR VEHICULE HYBRIDE**
[72] SAWAMURA, KAZUTOMO, JP
[72] KITAJIMA, SHINICHI, JP
[72] KURODA, SHIGETAKA, JP
[72] MATSUBARA, ATSUSHI, JP
[72] IWAMOTO, TAKASHI, JP
[72] WAKASHIRO, TERUO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-07-12
[43] 2001-01-30
[30] JP (11-218219) 1999-07-30

[21] **2,313,825**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C12Q 1/00 7C07H 21/04 7C12N 5/10 7C12Q 1/68**
[25] EN
[54] **MYOSTATIN REGULATORY REGION, NUCLEOTIDE SEQUENCE DETERMINATION AND METHODS FOR ITS USE**
[54] **REGION REGULATRICE DE LA MYOSTATINE, DETERMINATION DE LA SEQUENCE NUCLEOTIDIQUE ET METHODES POUR L'UTILISER**
[72] FINDLY, ROBERT CRAIG, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-07-28
[43] 2001-01-30
[30] US (60/146,540) 1999-07-30

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[21] **2,313,855**
[13] A1
[51] **Int.Cl. 7H01M 4/38 7H01M 10/24**
[25] EN
[54] **LITHIUM SECONDARY BATTERY**
[54] **ACCUMULATEUR AU LITHIUM**
[72] TAKAHASHI, MICHIO, JP
[71] NGK INSULATORS, LTD., JP
[22] 2000-07-11
[43] 2001-01-30
[30] JP (11-216794) 1999-07-30

[21] **2,313,876**
[13] A1
[51] **Int.Cl. 7B22F 1/00 7B22F 3/16**
[25] EN
[54] **IRON-GRAPHITE COMPOSITE POWDERS AND SINTERED ARTICLES PRODUCED THEREFROM**
[54] **POUDRES COMPOSITES DE GRAPHITE ET DE FER ET ARTICLES FRITES PRODUITS AVEC CELLES-CI**
[72] GAGNE, MARTIN, CA
[72] FILIPPELLI, PAOLO, CA
[72] TRUDEL, ALAIN, CA
[71] QUEBEC METAL POWDERS LTD., CA
[22] 2000-07-12
[43] 2001-01-30
[30] US (09/363,855) 1999-07-30

[21] **2,313,888**
[13] A1
[51] **Int.Cl. 7C09D 167/07 7B05D 5/00 7B05D 3/06 7C09D 175/16 7B05D 7/24**
[25] EN
[54] **COMPOSITION AND PROCESS FOR PROVIDING A GLOSS CONTROLLED, ABRASION RESISTANT COATING ON SURFACE COVERING PRODUCTS**
[54] **COMPOSITION ET PROCEDE POUR L'APPLICATION D'UN FILM A LUSTRE REGULE ET RESISTANT A L'ABRASION SUR LES PRODUITS DE REVETEMENT DE SURFACE**
[72] SIGEL, GARY A., US
[72] LEININGER, LARRY W., US
[72] ROSS, JEFFREY S., US
[72] MALKOWSKI, ELIZABETH A., US
[72] HERR, RICHARD E., JR., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 2000-07-13
[43] 2001-01-28
[30] US (09/363,914) 1999-07-28

[21] **2,313,927**
[13] A1
[51] **Int.Cl. 7B23B 5/00**
[25] EN
[54] **DEVICE FOR TURNING OF BRAKE DISKS OR THE LIKE INCLUDING AN AUTOMATIC RUNOUT COMPENSATION UNIT**
[54] **DISPOSITIF POUR LE TOURNAGE DES DISQUES DE FREIN OU D'ELEMENTS SEMBLABLES, Y COMPRIS UN DISPOSITIF DE COMPENSATION AUTOMATIQUE DE FAUX-ROND**
[72] CAORLE, ALBERTO, IT
[71] COSTRUZIONI MECCANICHE CAORLE S.P.A., IT
[22] 2000-07-17
[43] 2001-01-30
[30] IT (VR99U000037) 1999-07-30

[21] **2,313,928**
[13] A1
[51] **Int.Cl. 7A61F 2/38**
[25] EN
[54] **METHOD OF MANUFACTURING AN ARTICULATING BEARING SURFACE FOR AN ORTHOPAEDIC IMPLANT**
[54] **METHODE DE FABRICATION D'UNE SURFACE D'APPUI ARTICULEE POUR PROTHESE ORTHOPEDIQUE**
[72] ROHR, WILLIAM, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 2000-07-14
[43] 2001-01-29
[30] US (09/361,210) 1999-07-29

[21] **2,313,931**
[13] A1
[51] **Int.Cl. 7A63C 17/01**
[25] EN
[54] **SKATEBOARD**
[54] **PLANCHE A ROULETTES**
[72] SOTTILE, VINCENT N., US
[72] SOTTILE, VINCENT, US
[71] SOTTILE, VINCENT N., US
[71] SOTTILE, VINCENT, US
[22] 2000-07-14
[43] 2001-01-30
[30] US (09/365,044) 1999-07-30

[21] **2,313,937**
[13] A1
[51] **Int.Cl. 7H04B 7/00**
[25] EN
[54] **COMMUNICATION SYSTEM FOR TRANSMITTING DATA BETWEEN FIRST AND SECOND PLATFORMS IN RELATIVE ROTATION, AND A METHOD THEREOF**
[54] **SYSTEME DE COMMUNICATION PERMETTANT DE TRANSMETTRE DES DONNEES ENTRE DEUX PLATES-FORMES SOUMISES A UNE ROTATION RELATIVE ET METHODE UTILISEE POUR CETTE COMMUNICATION**
[72] MISSOUT, GILLES, CA
[72] LALONDE, FRANCOIS, CA
[72] HOULE, JEAN-MARIE, CA
[71] HYDRO-QUEBEC, CA
[22] 2000-07-14
[43] 2001-01-29
[30] US (09/362,875) 1999-07-29

[21] **2,313,941**
[13] A1
[51] **Int.Cl. 7G02B 6/36**
[25] EN
[54] **TUNING OPTICAL FIBER CONNECTOR**
[54] **CONNECTEUR POUR FIBRES OPTIQUES REGLABLE**
[72] ANDREWS, SCOTT R., US
[72] MOCK, ROBERT WAYNE JR., US
[72] LAMPERT, NORMAN ROGER, US
[72] SANDELS, GREGORY A., US
[72] SUBH, NAIF TALEB, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-14
[43] 2001-01-28
[30] US (09/363,906) 1999-07-28

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[21] **2,313,942**
[13] A1

[51] **Int.Cl. 7H04J 3/14**
[25] EN
[54] **METHOD FOR MAPPING TRIBUTARIES IN TIME DIVISION FRAMES IN TELECOMMUNICATIONS NETWORKS AND CIRCUIT THEREFOR**
[54] **METHODE DE MAPPAGE D'AFFLUENTS DANS DES TRAMES TEMPORELLES DE RESEAUX DE TELECOMMUNICATIONS ET CIRCUIT CONNEXE**
[72] TRAVERSO, GIOVANNI, IT
[72] RAZZETTI, LUCA, IT
[71] ALCATEL, FR
[22] 2000-07-14
[43] 2001-01-30
[30] IT (TO 99 A 000 679) 1999-07-30

[21] **2,313,943**
[13] A1

[51] **Int.Cl. 7F15B 13/042**
[25] EN
[54] **HYDRAULIC SYSTEM, MANIFOLD AND VOLUMETRIC COMPENSATOR**
[54] **SYSTEME HYDRAULIQUE, COLLECTEUR ET COMPENSATEUR VOLUMETRIQUE**
[72] DUFF, MICHAEL ALEXANDER, CA
[71] HYDRA-TECH MANUFACTURING (1990) LTD., CA
[22] 2000-07-14
[43] 2001-01-30
[30] CA (2,279,435) 1999-07-30

[21] **2,313,947**
[13] A1

[51] **Int.Cl. 7B21D 22/22**
[25] EN
[54] **DEEP DRAWING METHOD**
[54] **METHODE DE FORMAGE PROFOND**
[72] TAKAMATU, TUTOMU, JP
[71] TAKAMATU, TUTOMU, JP
[22] 2000-07-14
[43] 2001-01-30
[30] JP (11-216149) 1999-07-30
[30] JP (2000-181477) 2000-06-16

[21] **2,313,959**
[13] A1

[51] **Int.Cl. 7B60R 21/16**
[25] EN
[54] **AIRBAG CUSHION EXHIBITING LOW SEAM AND FABRIC USAGE AND SIMULTANEOUSLY HIGH AVAILABLE INFLATION VOLUME**
[54] **SAC GONFLABLE COMPORTANT PEU DE COUTURES ET DE TISSU MAIS OFFRANT TOUT DE MEME UN GRAND VOLUME DE GONFLAGE**
[72] KESHAVARAJ, RAMESH, US
[71] MILLIKEN & COMPANY, US
[22] 2000-07-17
[43] 2001-01-30
[30] US (09/365,374) 1999-07-30

[21] **2,313,963**
[13] A1

[51] **Int.Cl. 7B60R 21/16**
[25] EN
[54] **AIRBAG CUSHION EXHIBITING LOW FABRIC USAGE AND SIMULTANEOUSLY HIGH AVAILABLE INFLATION AIRSPACE VOLUME**
[54] **SAC GONFLABLE COMPORTANT PEU DE TISSU MAIS OFFRANT TOUT DE MEME UN GRAND VOLUME DE GONFLAGE**
[72] KESHAVARAJ, RAMESH, US
[71] MILLIKEN & COMPANY, US
[22] 2000-07-17
[43] 2001-01-30
[30] US (09/364,130) 1999-07-30

[21] **2,313,965**
[13] A1

[51] **Int.Cl. 7B60R 21/16**
[25] EN
[54] **AIRBAG CUSHION EXHIBITING LOW SEAM USAGE AND SIMULTANEOUSLY HIGH AVAILABLE INFLATION VOLUME**
[54] **SAC GONFLABLE COMPORTANT PEU DE COUTURES MAIS OFFRANT TOUT DE MEME UN GRAND VOLUME DE GONFLAGE**
[72] KESHAVARAJ, RAMESH, US
[71] MILLIKEN & COMPANY, US
[22] 2000-07-17
[43] 2001-01-30
[30] US (09/365,372) 1999-07-30

[21] **2,313,967**
[13] A1

[51] **Int.Cl. 7H04L 7/02 7H04L 12/56**
[25] EN
[54] **RECEIVER FOR SIGNALS IN A DISCONTINUOUS FLOW AND CORRESPONDING RECEIVING PROCESS**
[54] **RECEPTEUR DE SIGNAUX EN FLUX DISCONTINU ET PROCESSUS DE RECEPTION CORRESPONDANT**
[72] ZUCHELLI, LIBERO, IT
[72] GAMBINI, PIERO, IT
[72] LANO, ROBERTO, IT
[71] AGILENT TECHNOLOGIES, INC., US
[22] 2000-07-17
[43] 2001-02-03
[30] IT (TO99A000687) 1999-08-03

[21] **2,313,977**
[13] A1

[51] **Int.Cl. 7E04F 19/02**
[25] EN
[54] **TRIM WITH TEARAWAY MASKING STRIP**
[54] **ONGLET A LANGUETTE DECHIRABLE**
[72] DUNHAM, WESLEY H., US
[71] BEADEX MANUFACTURING COMPANY, INC., US
[22] 2000-07-17
[43] 2001-02-02
[30] US (09/365459) 1999-08-02

[21] **2,313,982**
[13] A1

[51] **Int.Cl. 7B25B 27/00 7G02B 6/36 7G02B 6/46**
[25] EN
[54] **OPTICAL FIBER CONNECTOR TUNING WRENCH**
[54] **CLE POUR REGLAGE DE CONNEXEUR POUR FIBRES OPTIQUES**
[72] LAMPERT, NORMAN ROGER, US
[72] SUBH, NAIF TALEB, US
[72] ANDREWS, SCOTT R., US
[72] SANDELS, GREGORY A., US
[72] MOCK, ROBERT WAYNE JR., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-13
[43] 2001-01-28
[30] US (09/362,203) 1999-07-28

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[21] **2,314,024**
[13] A1
[51] **Int.Cl. 7B26F 1/40**
[25] EN
[54] **UNIVERSAL EJECTION TOOL**
[54] **EJECTEUR UNIVERSEL**
[72] CHIARI, MAURO, CH
[72] ROSSIER, JOSE, CH
[71] BOBST S.A., CH
[22] 2000-07-13
[43] 2001-02-02
[30] CH (1999 1417/99) 1999-08-02

[21] **2,314,049**
[13] A1
[51] **Int.Cl. 7H05K 3/04**
[25] EN
[54] **METHOD FOR FORMING AN ELECTRICAL CONDUCTIVE PATTERN ON A SUBSTRATE**
[54] **METHODE DE FORMATION D'UN TRACE CONDUCTEUR ELECTRIQUE SUR UN SUBSTRAT**
[72] GILL, PETER L., US
[72] RAMSEY, JOSEPH W., US
[71] GILL, PETER L., US
[71] RAMSEY, JOSEPH W., US
[22] 2000-07-19
[43] 2001-02-02
[30] US (09/365,618) 1999-08-02

[21] **2,314,051**
[13] A1
[51] **Int.Cl. 7H04L 12/26 7H04L 12/56**
[25] EN
[54] **DETERMINING AN END POINT OF A GRE TUNNEL**
[54] **DETERMINATION D'UN POINT D'EXTREMITE D'UN TUNNEL D'ENCAPSULATION**
[54] **D'ACHEMINEMENT GENERIQUE**
[72] BASIL, NIPUN, US
[72] SRIKANTH, AYIKUDY, US
[72] MEEHAN, TOM, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-07-19
[43] 2001-01-30
[30] US (09/364,339) 1999-07-30

[21] **2,314,054**
[13] A1
[51] **Int.Cl. 7B24B 5/35**
[25] EN
[54] **DUST PROTECTION COVER FOR A ROTARY GRINDING TOOL**
[54] **HOUSSE DE PROTECTION CONTRE LA POUSSIERE POUR MEULEUSE ROTATIVE**
[72] OHLENDORF, OLIVER, DE
[72] RUPPRECHT, HANS, DE
[72] SPANGENBERG, ROLF, DE
[72] CHAU-NGOC, DIEP, DE
[72] REITBERGER, RUDOLF, DE
[71] HILTI AKTIENGESSELLSCHAFT, LI
[22] 2000-07-18
[43] 2001-02-03
[30] DE (199 365 55.5) 1999-08-03

[21] **2,314,055**
[13] A1
[51] **Int.Cl. 7G01F 23/28**
[25] EN
[54] **APPARATUS FOR THE DETERMINATION OF THE FILL STATE OF A SOLID OR LIQUID MATERIAL IN A CONTAINER**
[54] **DISPOSITIF PERMETTANT DE DETERMINER LE NIVEAU DE REMPLISSAGE D'UN SOLIDE OU D'UN LIQUIDE DANS UN CONTENEUR**
[72] HEIDECHE, FRANK, DE
[71] ENDRESS + HAUSER GMBH + CO., DE
[22] 2000-07-18
[43] 2001-01-29
[30] DE (199 35 646.7) 1999-07-29

[21] **2,314,059**
[13] A1
[51] **Int.Cl. 7B60K 6/04 7B60K 26/00 7B60L 15/20**
[25] EN
[54] **CONTROL SYSTEM FOR HYBRID VEHICLE**
[54] **SYSTEME DE COMMANDE POUR VEHICULE HYBRIDE**
[72] KITAJIMA, SHINICHI, JP
[72] OKI, HIDEYUKI, JP
[72] MATSUBARA, ATSUSHI, JP
[72] SAWAMURA, KAZUTOMO, JP
[72] WAKASHIRO, TERUO, JP
[72] NAKAUNE, KAN, JP
[72] TAKAHASHI, HIDEYUKI, JP
[72] MAKINO, HIROYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-07-18
[43] 2001-01-30
[30] JP (11-218218) 1999-07-30
[30] JP (11-232027) 1999-08-18

[21] **2,314,236**
[13] A1
[51] **Int.Cl. 7H04L 12/24 7H04L 12/18**
[25] EN
[54] **EXTENDING ROUTER FUNCTIONALITY TO REPORT STATIC GROUP MEMBERSHIP**
[54] **EXTENSION DES FONCTIONS D'UN ROUTEUR POUR SIGNALER LA PARTICIPATION A UN GROUPE FIXE**
[72] SHIEH, SHUCHING, US
[72] CAI, XIANGRONG, US
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-07-19
[43] 2001-01-29
[30] US (09/363,610) 1999-07-29

[21] **2,314,251**
[13] A1
[51] **Int.Cl. 7B07C 1/10 7G01B 21/02 7B07C 3/14**
[25] EN
[54] **ARTICLE CLASSIFYING SYSTEM AND ARTICLE DIMENSION MEASURING APPARATUS**
[54] **SYSTEME DE CLASSEMENT D'ARTICLES ET DISPOSITIF POUR DIMENSIONNER DES ARTICLES**
[72] TANIMOTO, MICHIAKI, JP
[71] YAMATO SCALE COMPANY, LIMITED, JP
[22] 2000-07-18
[43] 2001-01-30
[30] JP (HEI 11-217884) 1999-07-30

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[21] **2,314,255**
[13] A1

[51] **Int.Cl. 7F16C 1/10 7F16C 1/26**
[25] EN
[54] **CONDUIT SUPPORTED SWIVEL TUBE**
[54] **TUBE OSCILLANT SUPPORTE PAR CONDUIT**
[72] BURGER, ARNDT, DE
[72] WEBB, GRANT, US
[72] SCHEIDLING, MATTHIAS, DE
[71] TELEFLEX INCORPORATED, US
[22] 2000-07-18
[43] 2001-02-03
[30] US (09/366,228) 1999-08-03

[21] **2,314,266**
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7G01S 11/08**
[25] EN
[54] **PROVIDING AN ACCURATE TIMING SOURCE FOR LOCATING THE GEOGRAPHICAL POSITION OF A MOBILE**
[54] **FOURNITURE D'UNE SOURCE DE SYNCHRONISATION PRECISE POUR LA LOCALISATION GEOGRAPHIQUE D'UNE STATION MOBILE**
[72] FALCO, STEVEN A., US
[72] MATUSEVICH, ALEX, US
[72] MURPHY, MYLES PATRICK, US
[72] MCKAY, BERNARD, US
[72] TSAI, SHENG-JEN, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-18
[43] 2001-01-28
[30] US (09/362,548) 1999-07-28

[21] **2,314,279**
[13] A1

[51] **Int.Cl. 7B21B 31/07**
[25] EN
[54] **HYDRAULICALLY ACTUATED TOOL FOR MOUNTING AND DISMOUNTING ROLLING MILL ROLL NECK BEARINGS**
[54] **OUTIL HYDRAULIQUE PERMETTANT DE POSER ET DE DEPOSER LES PALIERS SUPERIEURS DE ROULEAUX DE LAMINOIR**
[72] OSGOOD, PETER N., US
[72] MARTINS, ARMANDO S., US
[71] MORGAN CONSTRUCTION COMPANY, US
[22] 2000-07-19
[43] 2001-01-29
[30] US (60/146,280) 1999-07-29

[21] **2,314,285**
[13] A1

[51] **Int.Cl. 7F01D 25/28**
[25] EN
[54] **PIPING SUPPORT OF GAS TURBINE STEAM COOLED COMBUSTOR**
[54] **SUPPORT DE TUYAUTERIE DE CHAMBRE DE COMBUSTION REFROIDIE A LA VAPEUR DANS UNE TURBINE A GAZ**
[72] TAKAHAMA, MASAYUKI, JP
[72] OGASAWARA, HIROYUKI, JP
[72] TAKAHASHI, SYUICHI, JP
[72] IWASAKI, YOICHI, JP
[72] CHIBA, KAZUNORI, JP
[72] KONDO, HARUHIKO, JP
[72] YANOU, KOICHIRO, JP
[72] FUJITA, HIROYUKI, JP
[72] NISHIMURA, YOSHIAKI, JP
[72] ANDO, IKUO, JP
[72] YAMADA, NOBORU, JP
[71] TOHOKU ELECTRIC POWER COMPANY INCORPORATED, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2000-07-21
[43] 2001-02-02
[30] JP (11-218588) 1999-08-02

[21] **2,314,301**
[13] A1

[51] **Int.Cl. 7E01B 7/28**
[25] EN
[54] **APPARATUS AND METHOD FOR RAILWAY CROSSING STRUCTURE**
[54] **APPAREIL ET METHODE POUR STRUCTURE DE PASSAGE A NIVEAU**
[72] GAUDET, RICHARD C., US
[71] CENTURY PRECAST, L.L.C., US
[22] 2000-07-19
[43] 2001-01-30
[30] US (09/364,921) 1999-07-30

[21] **2,314,302**
[13] A1

[51] **Int.Cl. 7H01L 41/22**
[25] EN
[54] **METHOD FOR PRODUCING ORIENTED PIEZOELECTRIC FILMS**
[54] **METHODE POUR PRODUIRE DES FILMS PIEZOELECTRIQUES ORIENTES**
[72] HUGGINS, HAROLD ALEXIS, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-21
[43] 2001-01-29
[30] US (09/363,758) 1999-07-29

[21] **2,314,303**
[13] A1

[51] **Int.Cl. 7H04L 9/00 7H04L 9/32**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING A KEY UPDATE USING BIDIRECTIONAL VALIDATION**
[54] **METHODE ET APPAREIL PERMETTANT D'EFFECTUER UNE MISE A JOUR DE CLE A L'AIDE D'UNE VALIDATION BIDIRECTIONNELLE**
[72] MIZIKOVSKY, SEMYON B., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-21
[43] 2001-01-29
[30] US (09/362,455) 1999-07-29

[21] **2,314,322**
[13] A1

[51] **Int.Cl. 7H04Q 3/52 7H04L 29/02**
[25] EN
[54] **OPTICAL SWITCH AND PROTOCOLS FOR USE THEREWITH**
[54] **COMMUTATEUR OPTIQUE ET PROTOCOLES A UTILISER AVEC CE COMMUTATEUR**
[72] WANG, GUO-QIANG, CA
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-07-21
[43] 2001-01-29
[30] US (09/362,886) 1999-07-29

[21] **2,314,329**
[13] A1

[51] **Int.Cl. 7G02B 26/02**
[25] EN
[54] **REFLECTING-MIRROR-TYPE VARIABLE OPTICAL ATTENUATOR**
[54] **ATTENUATEUR OPTIQUE VARIABLE DE TYPE MIROIR REFLECHISSANT**
[72] TAKAHASHI, MITSUO, JP
[71] SEIKOH GIKEN CO., LTD., JP
[22] 2000-07-24
[43] 2001-01-30
[30] JP (216668-1999) 1999-07-30

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[21] **2,314,354**
[13] A1

[51] **Int.Cl. 7A21C 11/16 7A23L 1/16**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING A CORRUGATED PASTA SHEET, FACILITATING ADHERENCE OF SAUCE TO SURFACE**
[54] **METHODE ET APPAREIL POUR PRODUIRE UNE FEUILLE DE PATES ALIMENTAIRES ONDULEES, FACILITANT L'ADHERENCE DE LA SAUCE A LA SURFACE**
[72] ANNICCHIARICO, FRANCO, IT
[71] PASTE TIPICHE REGIONALI S.R.L., IT
[22] 2000-07-19
[43] 2001-01-30
[30] IT (BO99A000437) 1999-07-30

[21] **2,314,375**
[13] A1

[51] **Int.Cl. 7H01P 11/00 7H01P 7/00 7H01L 41/08**
[25] EN
[54] **THIN FILM RESONATOR APPARATUS AND METHOD OF MAKING SAME**
[54] **APPAREIL A RESONATEUR A COUCHE MINCE ET METHODE POUR LE PRODUIRE**
[72] WEST, KENNETH WILLIAM, US
[72] PFEIFFER, LOREN, NEIL, US
[72] WONG, YIU-HUEN, US
[72] MANFRA, MICHAEL JAMES, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-24
[43] 2001-01-29
[30] US (09/363,527) 1999-07-29

[21] **2,314,400**
[13] A1

[51] **Int.Cl. 7H04J 11/00 7H04L 5/02**
[25] EN
[54] **SIGNAL ENCODING FOR TRANSMISSION OF MULTIPLE DIGITAL SIGNALS OVER SINGLE PHYSICAL MEDIUM**
[54] **CODAGE DE SIGNAUX PERMETTANT DE TRANSMETTRE DES SIGNAUX NUMERIQUES MULTIPLES SUR UN SUPPORT PHYSIQUE UNIQUE**
[72] GABARA, THADDEUS JOHN, US
[72] MUJTABA, SYED AON, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-21
[43] 2001-01-29
[30] US (09/363,524) 1999-07-29

[21] **2,314,370**
[13] A1

[51] **Int.Cl. 7C10L 1/18 7C10L 1/22**
[25] EN
[54] **AN EMERGENCY FUEL**
[54] **CARBURANT DE SECOURS**
[72] GOLDBLATT, IRWIN L., US
[72] TITTEL, RICHARD, US
[71] CASTROL LIMITED, GB
[22] 2000-07-20
[43] 2001-01-28
[30] US (60/145,943) 1999-07-28
[30] GB (99 23338.9) 1999-10-04

[21] **2,314,378**
[13] A1

[51] **Int.Cl. 7H04M 3/493 7H04L 12/54 7H04Q 3/64**
[25] EN
[54] **MODIFICATION OF VOICE PROMPTING BASED ON PRIOR COMMUNICATION IN A CALL CENTER**
[54] **MODIFICATION DES GUIDES VOCAUX EN FONCTION D'UNE COMMUNICATION ANTERIEURE DANS UN CENTRE D'APPELS**
[72] FOSTER, ROBIN H., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-24
[43] 2001-01-30
[30] US (09/364,434) 1999-07-30

[21] **2,314,403**
[13] A1

[51] **Int.Cl. 7C01B 3/08 7F24J 1/00**
[25] EN
[54] **ENERGY PRODUCTION METHOD AND APPARATUS**
[54] **PROCEDE DE PRODUCTION D'ENERGIE ET APPAREIL**
[72] ANDERSEN, ERLING REIDAR, NO
[72] ANDERSEN, ERLING JIM, CA
[71] ANDERSEN, ERLING REIDAR, NO
[71] ANDERSEN, ERLING JIM, CA
[22] 2000-07-20
[43] 2001-01-28
[30] CA (2,278,974) 1999-07-28

[21] **2,314,374**
[13] A1

[51] **Int.Cl. 7H04S 3/00**
[25] EN
[54] **ACOUSTIC CROSSTALK CANCELLATION SYSTEM**
[54] **SYSTEME D'ANNULATION DE LA DIAPHONIE ACOUSTIQUE**
[72] WARD, DARREN BRETT, US
[72] ELKO, GARY WAYNE, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-24
[43] 2001-01-29
[30] US (09/363,674) 1999-07-29

[21] **2,314,384**
[13] A1

[51] **Int.Cl. 7B01F 17/20**
[25] EN
[54] **AQUEOUS DISPERSIONS**
[54] **DISPERSIONS AQUEUSES**
[72] DUCCINI, YVES, FR
[72] DUFOUR, ALAIN, FR
[71] ROHM AND HAAS COMPANY, US
[22] 2000-07-24
[43] 2001-02-02
[30] FR (99/401971.9) 1999-08-02

[21] **2,314,409**
[13] A1

[51] **Int.Cl. 7E04C 3/04**
[25] EN
[54] **STUD ASSEMBLY AND PROCESS FOR MANUFACTURING SAME**
[54] **OSSATURE ET PROCEDE DE FABRICATION**
[72] POWERS, JOHN A., III, US
[72] REPOVS, JOSEPH P., CA
[71] POWERS, JOHN A., III, US
[71] REPOVS, JOSEPH P., CA
[22] 2000-07-21
[43] 2001-01-29
[30] US (09/364,231) 1999-07-29

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[21] **2,314,427**
[13] A1

[51] **Int.Cl. 7H04L 9/00 7H04L 12/22**
[25] EN
[54] **INFORMATION DELIVERY IN A MULTI-STREAM DIGITAL BROADCASTING SYSTEM**
[54] **REMISE D'INFORMATIONS DANS UN SYSTEME DE RADIODIFFUSION NUMERIQUE MULTIFLUX**
[72] NORR, WILLIAM M., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-25
[43] 2001-01-30
[30] US (09/364,432) 1999-07-30

[21] **2,314,428**
[13] A1

[51] **Int.Cl. 7B22C 9/02 7B22D 47/00 7B22C 1/16**
[25] EN
[54] **METHOD FOR MACHINING SAND BLOCK INTO SAND MOLDING ELEMENTS INCLUDING SAND MOLDS AND SAND CORES FOR METAL CASTING FOUNDRY OPERATIONS**
[54] **METHODE D'USINAGE DE BLOCS DE SABLE EN ELEMENTS DE MOULAGE AU SABLE Y COMPRIS MOULES DE SABLE ET NOYAUX EN SABLE POUR OPERATIONS DE FONDERIE DE METAUX**
[72] GUSTAFSON, RONALD, US
[71] GUSTAFSON, RONALD, US
[22] 2000-07-24
[43] 2001-01-28
[30] US (09/363,128) 1999-07-28

[21] **2,314,430**
[13] A1

[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **A METHOD FOR MAINTAINING A COMMUNICATION LINK IN WIRELESS NETWORK GROUPS**
[54] **METHODE DE MAINTIEN D'UNE LIAISON DE COMMUNICATION DANS DES GROUPES DE RESEAUX SANS FIL**
[72] PITTAMPALLI, ESHWAR, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-25
[43] 2001-02-02
[30] US (09/365,678) 1999-08-02

[21] **2,314,444**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04M 11/04 7H04L 12/54**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING A HIGH-PRIORITY SERVICE FOR EMERGENCY MESSAGES ON A NETWORK**
[54] **APPAREIL ET METHODE PERMETTANT D'ASSURER UN SERVICE A HAUTE PRIORITE POUR LES MESSAGES D'URGENCE D'UN RESEAU**
[72] TEWANI, KAMLESH T., US
[72] HALASZ, SYLVIA, US
[71] AT&T CORP., US
[22] 2000-07-25
[43] 2001-02-02
[30] US (09/365,944) 1999-08-02

[21] **2,314,458**
[13] A1

[51] **Int.Cl. 7C07D 213/30 7C07F 7/10 7C07D 405/12 7C07D 213/32 7C07D 213/36**
[25] EN
[54] **PROCESS FOR PRODUCTION OF 3-(3-PYRIDYL)-1-PROPANOL DERIVATIVES**
[54] **PROCEDE DE PRODUCTION DE DERIVES DE 3-(PYRID-3-YL)-1-PROPANOL**
[72] OKURO, KAZUMI, JP
[72] INOUE, KENJI, JP
[72] NISHIYAMA, AKIRA, JP
[71] KANEKA CORPORATION, JP
[22] 2000-07-21
[43] 2001-02-02
[30] JP (HEI-11-218650) 1999-08-02
[30] JP (HEI-11-226772) 1999-08-10

[21] **2,314,466**
[13] A1

[51] **Int.Cl. 7C12N 7/01 7C07K 14/00 7G01N 37/00 7C12N 15/10 7C07K 1/14 7C07K 14/155 7C12P 19/34 7C12Q 1/70**
[25] EN
[54] **LENTIVIRUS FROM THE GROUP OF IMMUNODEFICIENCY VIRUSES OF DRILL MONKEYS (MANDRILLUS LEUCOPHAEUS) AND THEIR USE**
[54] **LENTIVIRUS DU GROUPE DES VIRUS DE L'IMMUNODEFICIENCE DES DRILLS (MANDRILLUS LEUCOPHAEUS) ET LEUR UTILISATION**
[72] GURTNER, LUTZ GERHARD, DE
[72] HAUSER, HANS PETER, DE
[72] DONGMO DELOKO, YVETTE BEATRICE, DE
[72] KAPTUE, LAZARE, ZA
[72] ZEKENG, LEOPOLD, SA
[71] DADE BEHRING MARBURG GMBH, DE
[22] 2000-07-21
[43] 2001-02-03
[30] DE (199 36 003.0) 1999-08-03

[21] **2,314,472**
[13] A1

[51] **Int.Cl. 7B27M 3/34**
[25] FR
[54] **PROCEDE DE RECYCLAGE DE PALETTES EN BOIS ET INSTALLATION POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**
[54] **WOOD PALLET RECYCLING PROCESS AND FACILITY FOR IMPLEMENTING SUCH A PROCESS**
[72] ALLIOT, VERONIQUE, FR
[72] BOUCHAIN, ALAIN, FR
[71] ALLIOT, VERONIQUE, FR
[71] BOUCHAIN, ALAIN, FR
[22] 2000-07-20
[43] 2001-01-30
[30] FR (99.09923) 1999-07-30

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[21] **2,314,480**
[13] A1
[51] **Int.Cl. 7B60K 15/03 7B29C 49/22 7B65D 1/40**
[25] EN
[54] **FUEL CONTAINER**
[54] **CONTENEUR A CARBURANT**
[72] MICHIHATA, KEIZO, JP
[72] HAYASHI, NAHOTO, JP
[71] KURARAY CO., LTD., JP
[22] 2000-07-25
[43] 2001-01-29
[30] JP (11-214773) 1999-07-29
[30] JP (11-278194) 1999-09-30
[30] JP (11-316841) 1999-11-08

[21] **2,314,483**
[13] A1
[51] **Int.Cl. 7F23D 11/00 7F23G 7/00 7F23D 11/10**
[25] EN
[54] **METHOD AND APPARATUS FOR PARTIAL OXIDATION OF BLACK LIQUOR, LIQUID FUELS, AND SLURRIES**
[54] **METHODE ET APPAREIL POUR L'OXYDATION PARTIELLE DE LIQUEUR NOIRE, DE COMBUSTIBLES LIQUIDES ET DE BOUES**
[72] SLAVEJKOV, ALEKSANDAR G., US
[72] HOKE, BRYAN C., JR., US
[72] LEWNARD, JOHN J., US
[72] GOSLING, THOMAS M., US
[72] RUPRECHT, DAVID R., US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2000-07-24
[43] 2001-01-30
[30] US (09/364,438) 1999-07-30

[21] **2,314,498**
[13] A1
[51] **Int.Cl. 7C09J 175/08**
[25] EN
[54] **TEMPERATURE CRITICAL CATALYSTS OF CURABLE POLYURETHANES**
[54] **CATALYSEURS CRITIQUES A L'EGARD DE LA TEMPERATURE POUR DES POLYURETHANES DURCISSABLES**
[72] ROBBINS, JEFFREY L., US
[72] GIBALA, DAVID, US
[72] SOLTANI-AHMADI, AHMAD, US
[72] HOLESCHOVSKY, ULRICH B., US
[71] BAYER ANTWERP N.V., BE
[22] 2000-07-25
[43] 2001-01-30
[30] US (09/364,153) 1999-07-30

[21] **2,314,505**
[13] A1
[51] **Int.Cl. 7B65D 33/24**
[25] EN
[54] **REINFORCED RECLOSABLE PACKAGE SEALS**
[54] **SYSTEMES DE FERMETURE RENFORCES POUR SACS REUTILISABLES**
[72] FORMAN, HAROLD M., US
[71] SEALSTRIP CORPORATION, US
[22] 2000-07-24
[43] 2001-01-29
[30] US (09/364,180) 1999-07-29

[21] **2,314,516**
[13] A1
[51] **Int.Cl. 7H04M 3/22**
[25] EN
[54] **METHOD FOR PREQUALIFYING SUBSCRIBER LINES FOR HIGH SPEED DATA SERVICE**
[54] **METHODE D'EVALUATION PREALABLE DES CAPACITES DES LIGNES D'ABONNES POUR LA TRANSMISSION DE DONNEES A GRANDE VITESSE**
[72] POSTHUMA, CARL ROBERT, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-25
[43] 2001-01-30
[30] US (09/364,154) 1999-07-30

[21] **2,314,520**
[13] A1
[51] **Int.Cl. 7B41M 5/36 7B41C 1/10**
[25] EN
[54] **COMPOSITION SENSITIVE TO IR RADIATION AND TO HEAT AND LITHOGRAPHIC PLATE COATED THEREWITH**
[54] **COMPOSITION SENSIBLE AU RAYONNEMENT IR ET A LA CHALEUR ET PLAQUE LITHOGRAPHIQUE REVETUE DE CELLE-CI**
[72] BOLLI, ANGELO, IT
[72] TIEFENTHALER, DOMENICO, IT
[72] BERNARDINI, ROBERTO, IT
[71] LASTRA S.P.A., IT
[22] 2000-07-25
[43] 2001-01-30
[30] EP (99830490.1) 1999-07-30

[21] **2,314,523**
[13] A1
[51] **Int.Cl. 7C09D 175/06**
[25] EN
[54] **COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT**
[72] GRUTTMANN, HORST, DE
[72] MEIXNER, JURGEN, DE
[72] KUREK, GERALD, DE
[72] PETZOLDT, JOACHIM, DE
[72] MULLER, HEINO, DE
[72] MULLER, HANNIS-PETER, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2000-07-25
[43] 2001-01-30
[30] DE (19943933.8) 1999-07-30

[21] **2,314,526**
[13] A1
[51] **Int.Cl. 7B02C 18/40**
[25] FR
[54] **TAMBOUR DESTINE A UN APPAREIL DE TRAITEMENT DE DECHETS ET APPAREIL CORRESPONDANT**
[54] **DRUM FOR GARBAGE PROCESSING APPARATUS AND ASSOCIATED APPARATUS**
[72] COMBANEYRE, BERNARD, FR
[72] LEVASSEUR, JEAN-PIERRE, FR
[71] SGE ENVIRONNEMENT, FR
[22] 2000-07-25
[43] 2001-01-28
[30] FR (99 09814) 1999-07-28

[21] **2,314,527**
[13] A1
[51] **Int.Cl. 7C08F 4/642 7C08F 110/02 7C08F 110/06**
[25] FR
[54] **PROCEDE DE PREPARATION DE SUPPORT DE CATALYSEUR POUR LA POLYMERISATION DES A-OLEFINES, ET SUPPORT AINSI OBTENU**
[54] **PROCESS FOR CATALYST SUPPORT PREPARATION FOR POLYMERIZATION OF A-OLEFINS AND SUPPORT THEREBY OBTAINED**
[72] LACOMBE, JEAN-LOUP, FR
[72] COCHARD, DANIEL, FR
[72] SAUDEMONT, THIERRY, FR
[72] VIOLLE, HENRI, FR
[72] MALINGE, JEAN, FR
[71] ATOFINA, FR
[22] 2000-07-26
[43] 2001-01-28
[30] FR (99 09 796) 1999-07-28
[30] FR (99 10 129) 1999-08-04

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[21] **2,314,530**
[13] A1

[51] **Int.Cl. 7H05K 9/00**
[25] FR
[54] **DISPOSITIF DE PROTECTION ELECTROMAGNETIQUE POUR UN TIROIR**
[54] **ELECTROMAGNETIC PROTECTION DEVICE FOR A DRAWER**
[72] RUQUE, CHRISTIAN, FR
[71] ALSTOM, FR
[22] 2000-07-28
[43] 2001-01-30
[30] FR (99 10 097) 1999-07-30

[21] **2,314,555**
[13] A1

[51] **Int.Cl. 7H03F 1/32 7H04B 1/00**
[25] EN
[54] **SIGNAL NOTCHING SYSTEM FOR LIMITING SIGNAL PEAKS**
[54] **SYSTEME A COUPURE DE SIGNAL BRUSQUE POUR LIMITER LES CRETES DE SIGNAL**
[72] MA, ZHENGXIANG, US
[72] POLAKOS, PAUL ANTHONY, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-20
[43] 2001-01-28
[30] US (09/363,329) 1999-07-28

[21] **2,314,571**
[13] A1

[51] **Int.Cl. 7A61K 31/519 7A61P 27/00 7A61K 31/495 7A61K 31/535**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING DISEASES AND CONDITIONS OF THE EYE**
[54] **METHODES ET COMPOSITIONS POUR TRAITER DES MALADIES ET DES AFFECTIONS DE L'OEIL**
[72] LATIES, ALAN MALEV, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-07-26
[43] 2001-01-28
[30] US (60/146,095) 1999-07-28

[21] **2,314,535**
[13] A1

[51] **Int.Cl. 7A23C 19/086**
[25] EN
[54] **RAPID METHOD FOR MANUFACTURE OF GRATED PARMESAN CHEESE**
[54] **METHODE RAPIDE POUR LA FABRICATION DE FROMAGE PARMESAN RAPE**
[72] TRECKER, GARY W., US
[72] MEHNERT, DAVID WEBB, US
[72] MORAN, JAMES WILLIAM, US
[71] KRAFT FOODS, INC., US
[22] 2000-07-25
[43] 2001-01-30
[30] US (09/365,346) 1999-07-30

[21] **2,314,556**
[13] A1

[51] **Int.Cl. 7H04L 12/54 7H04L 9/32**
[25] EN
[54] **METHOD AND APPARATUS FOR DELIVERING MESSAGES TO A DEVICE**
[54] **METHODE ET APPAREIL D'ACHEMINEMENT DE MESSAGES VERS UN DISPOSITIF**
[72] BANSAL, PRADEEP K., US
[72] LEE, BEGEJA, US
[71] AT&T CORP., US
[22] 2000-07-20
[43] 2001-01-28
[30] US (09/360,882) 1999-07-28

[21] **2,314,572**
[13] A1

[51] **Int.Cl. 7A61K 31/37 7A61P 19/00 7A61P 31/00 7A61K 45/06 7A61K 31/138**
[25] EN
[54] **ESTROGEN AGONISTS AND ANTAGONISTS FOR MULTIPLE INDICATIONS**
[54] **AGONISTES ET ANTAGONISTES DE L'OESTROGENE INDIQUES DANS DE MULTIPLES TRAITEMENTS**
[72] YU, LI JULIA, US
[71] PFIZER PRODUCTS INC., US
[22] 2000-07-26
[43] 2001-01-28
[30] US (60/146,072) 1999-07-28
[30] US (60/146,075) 1999-07-28

[21] **2,314,548**
[13] A1

[51] **Int.Cl. 7G06F 3/033**
[25] EN
[54] **COMPUTER INPUT DEVICE HAVING SIX DEGREES OF FREEDOM FOR CONTROLLING MOVEMENT OF A THREE-DIMENSIONAL OBJECT**
[54] **DISPOSITIF D'ENTREE D'ORDINATEUR A SIX DEGRES DE LIBERTE PERMETTANT DE COMMANDER LES MOUVEMENTS D'UN OBJET TRIDIMENSIONNEL**
[72] KUMAR, SENTHIL, US
[72] STAAB, RAYMOND R., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-26
[43] 2001-02-02
[30] US (09/366,012) 1999-08-02

[21] **2,314,557**
[13] A1

[51] **Int.Cl. 7C03C 13/00**
[25] EN
[54] **PROCESSING ENTAILING SOL-GEL FABRICATION OF SILICA GLASS**
[54] **TRAITEMENT ENTRAINANT LA PRODUCTION DE SOL-GEL DE VERRE DE SILICE**
[72] JOHNSON, DAVID WILFRED JR., US
[72] BHANDARKAR, SUHAS, US
[72] BOHRER, MICHAEL P., US
[72] ALONZO, JOHN C., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-26
[43] 2001-02-02
[30] US (09/365,191) 1999-08-02

[21] **2,314,576**
[13] A1

[51] **Int.Cl. 7B65B 51/04**
[25] EN
[54] **PACKAGE WITH ZIPPER CLOSURE**
[54] **SAC A FERMETURE A GLISSIERE**
[72] DUTRA, HERBERTO, US
[72] MIKOL, MARK CHARLES, US
[71] KRAFT FOODS, INC., US
[22] 2000-07-20
[43] 2001-01-29
[30] US (09/364,624) 1999-07-29

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[21] **2,314,578**
[13] A1
[51] **Int.Cl. 7C07C 319/26 7C08H 3/00 7C07C 321/14**
[25] EN
[54] **A PROCESS FOR INHIBITING THE EMISSION OF HYDROGEN SULFIDE AND/OR MERCAPTANS FROM SULFURIZED ORGANIC COMPOUNDS**
[54] **UN PROCEDE POUR INHIBER L'EMISSION DE SULFURE D'HYDROGENE ET/OU DE MERCAPTANS PAR DES COMPOSES ORGANIQUES SOUFRES**
[72] HEGMANN, JOACHIM, DE
[72] SCHILLING, KURT, DE
[72] WUHR, MICHAEL, DE
[72] FESSENBECKER, ACHIM, DE
[72] PAULI, ALFRED, DE
[72] HEILIGER, LUDGER, DE
[71] RHEIN CHEMIE RHEINAU GMBH, DE
[22] 2000-07-26
[43] 2001-01-29
[30] DE (19935672.6) 1999-07-29

[21] **2,314,588**
[13] A1
[51] **Int.Cl. 7A61M 3/02**
[25] EN
[54] **WOUND IRRIGATION NOZZLE ATTACHMENT FOR A SYRINGE**
[54] **EMBOUT DE SERINGUE POUR IRRIGATION DES PLAIES**
[72] TÊTREAU, STÉPHANE, CA
[72] PHANEUF, SIMON, CA
[72] LOUIS-BÉCHADE, FRÉDÉRIC, CA
[71] ADVANCED THERAPEUTIC TECHNOLOGIES AT2 INC., CA
[22] 2000-07-27
[43] 2001-01-28
[30] CA (2,278,968) 1999-07-28

[21] **2,314,616**
[13] A1
[51] **Int.Cl. 7A23L 1/212 7A23N 12/02 7A23L 1/216**
[25] EN
[54] **SIMULTANEOUS SLICING AND WASHING OF VEGETABLES**
[54] **TRANCHAGE ET LAVAGE SIMULTANES DES LEGUMES**
[72] SILVESTER, JOHN, ZZ
[72] MURGEL, LEONARDO P., ZZ
[72] BEITSAYADEH, CARL, ZZ
[72] BROWN, DANIEL E., ZZ
[72] CARIDIS, ANDREW A., ZZ
[71] HEAT AND CONTROL, INC., US
[22] 2000-08-02
[43] 2001-02-03
[30] US (09/366,659) 1999-08-03

[21] **2,314,621**
[13] A1
[51] **Int.Cl. 7H05K 1/16 7H01F 41/04**
[25] FR
[54] **PROCEDE POUR L'OBTENTION D'UN MODULE INCLUANT UN BOBINAGE INDUCTIF ET MODULE CORRESPONDANT**
[54] **PROCESS FOR OBTAINING A MODULE INCLUDING AN INDUCTIVE COIL AND ASSOCIATED MODULE**
[72] DREVON, CLAUDE, FR
[72] VENET, NORBERT, FR
[72] ALBINET, STEPHANE, FR
[71] ALCATEL, FR
[22] 2000-07-05
[43] 2001-01-29
[30] FR (99 09 860) 1999-07-29

[21] **2,314,626**
[13] A1
[51] **Int.Cl. 7H01M 10/02 7H01M 10/04 7H02H 7/18**
[25] EN
[54] **SECONDARY ELECTROCHEMICAL CELL**
[54] **PILE ELECTROCHIMIQUE SECONDAIRE**
[72] FIEDLER, DIRK A., DE
[72] MULLER, DIETER, DE
[72] LEYSIEFFER, HANS, DE
[71] IMPLEX AKTIENGESELLSCHAFT HEARING TECHNOLOGY, DE
[22] 2000-07-28
[43] 2001-01-30
[30] DE (199 36 063.4) 1999-07-30

[21] **2,314,628**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR INCORPORATING MORTALITY RISK IN AN INVESTMENT PLANNING MODEL**
[54] **SYSTEME ET METHODE D'INTEGRATION DU RISQUE DE MORTALITE DANS UN MODELE DE PLANIFICATION DE L'INVESTISSEMENT**
[72] MACEY, REX, US
[71] MACEY, REX, US
[22] 2000-07-28
[43] 2001-01-30
[30] US (60/146532) 1999-07-30
[30] US (60/168331) 1999-12-01
[30] US (09/625,702) 2000-07-25

[21] **2,314,634**
[13] A1
[51] **Int.Cl. 7B04C 5/20 7B02C 23/10**
[25] EN
[54] **FLASH DRYING APPARATUS**
[54] **SECHOIR A ACTION INSTANTANEE**
[72] KADOWAKI, MUNEHICO, JP
[72] INOKI, MASAHIRO, JP
[71] HOSOKAWA MICRON CORPORATION, JP
[22] 2000-07-28
[43] 2001-01-29
[30] JP (H11-215309) 1999-07-29

[21] **2,314,639**
[13] A1
[51] **Int.Cl. 7C09B 1/514**
[25] EN
[54] **PREPARATION OF ARYLAMINOHYDROXYANTHRAQUINONES**
[54] **PREPARATION D'ARYLAMINOHYDROXYANTHRAQUINONES**
[72] STAWITZ, JOSEF-WALTER, DE
[72] MICHAELIS, STEPHAN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
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[43] 2001-02-02
[30] DE (19936282.3) 1999-08-02

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[21] **2,314,667**
[13] A1

[51] **Int.Cl. 7B65H 75/00 7B65H 54/00**
[25] EN
[54] **HOSE WINDING APPARATUS**
[54] **DEVIDOIR POUR TUYAU SOUPLE**
[72] NICHOLS, BRAD, CA
[71] NICHOLS, BRAD, CA
[22] 2000-07-28
[43] 2001-01-30
[30] US (09/365,152) 1999-07-30

[21] **2,314,668**
[13] A1

[51] **Int.Cl. 7C07F 7/18 7C09D 175/16**
7C09D 5/44 7C09D 5/46 7C08G 18/81
[25] EN
[54] **SURFACE-ACTIVE**
PHOTOINITIATORS
[54] **PHOTOAMORCEURS A SURFACE**
ACTIVE
[72] BAUDIN, GISELE, CH
[72] JUNG, TUNJA, DE
[71] CIBA SPECIALTY CHEMICALS
HOLDING INC., CH
[22] 2000-07-27
[43] 2001-01-29
[30] CH (1398/99) 1999-07-29

[21] **2,314,674**
[13] A1

[51] **Int.Cl. 7A61M 5/178 7A61M 5/19**
7A61M 5/24
[25] EN
[54] **DEVICE FOR FILLING A SYRINGE**
BARREL AND/OR FOR PLACING A
STOPPER IN THE SYRINGE BARREL
[54] **DISPOSITIF DE REMPLISSAGE DE**
BARILLET DE SERINGUE ET/OU DE
POSE DE REPERE DANS LE BARILLET
[72] STEINBACH, KLAUS, DE
[72] VETTER, UDO J., DE
[72] HECHT, ANTON, DE
[71] ARZNEIMITTEL GMBH
APOTHEKER VETTER & CO.
RAVENSBURG, DE
[22] 2000-07-27
[43] 2001-01-29
[30] DE (199 35 681.5-41) 1999-07-29

[21] **2,314,675**
[13] A1

[51] **Int.Cl. 7A45C 3/06**
[25] EN
[54] **IMPROVED**
COMPARTMENTALIZED HANDBAG
HAVING STREAMLINED EXTERIORS
[54] **SAC A MAIN COMPARTIMENTE**
AMELIORE A EXTERIEUR PROFILE
[72] MAGID, RUTH, AU
[71] MAGID, RUTH, AU
[22] 2000-07-27
[43] 2001-01-28
[30] US (09/362,138) 1999-07-28

[21] **2,314,678**
[13] A1

[51] **Int.Cl. 7B32B 5/18 7B29C 73/00**
7B32B 3/12 7B29C 67/20
[25] EN
[54] **SANDWICH STRUCTURE AND**
METHOD OF REPAIRING THE SAME
[54] **STRUCTURE SANDWICH ET**
METHODE DE REPARATION
[72] BANDO, SHUNICHI, JP
[72] ITOH, TORU, JP
[71] KAWASAKI JUKOGYO KABUSHIKI
KAISHA, JP
[22] 2000-07-28
[43] 2001-01-30
[30] JP (1999-217765) 1999-07-30

[21] **2,314,679**
[13] A1

[51] **Int.Cl. 7F21V 13/00 7H04N 7/18**
[25] EN
[54] **IMPROVEMENTS IN AND**
RELATING TO RING LIGHTING
[54] **ECLAIRAGE EN ANNEAU ET**
AMELIORATIONS CONNEXES
[72] KELLY, WILLIAM, IE
[71] KELLY, WILLIAM, IE
[22] 2000-07-28
[43] 2001-01-28
[30] IE (990646) 1999-07-28
[30] IE (991032) 1999-12-13

[21] **2,314,681**
[13] A1

[51] **Int.Cl. 7C07C 31/26 7C13K 11/00**
7C13K 13/00 7C07H 1/06 7C13K 1/10
7C07C 31/18 7C07C 29/78
[25] EN
[54] **A METHOD FOR CRYSTALLIZING**
POLYOLS AND SUGARS
[54] **UNE METHODE POUR**
CRISTALLISER DES POLYOLS ET DES
SUCRES
[72] VEZZANI, CORRADO, IT
[71] VOMM CHEMIPHARMA S.R.L., IT
[22] 2000-07-28
[43] 2001-01-30
[30] IT (M199A 001721) 1999-07-30

[21] **2,314,682**
[13] A1

[51] **Int.Cl. 7C07D 333/64 7A61P 9/00**
7A61P 25/00 7A61P 35/00 7A61P 19/10
7A61K 31/4535
[25] EN
[54] **A NOVEL CRYSTALLINE FORM**
OF 6-HYDROXY-3-(4-(2-(PIPERIDIN-1-
YL) ETHOXY)PHENOXY)-2-(4-
METHANOXYPHENYL)BENZO-B[THI
OPHENE HYDROCHLORIDE
[54] **UNE NOUVELLE FORME**
CRISTALLINE DU CHLORHYDRATE
DE 6-HYDROXY-3-(4-[2-(PIPERIDIN-1-
YL)ETHOXY]PHENOXY)-2-(4-
METHOXYPHENYL)B
ENZO[B]THIOPHENE
[72] BUSH, JULIE KAY, US
[72] CONRAD, PRESTON CHARLES, US
[72] FLOM, MERLYN GERARD, US
[72] LUKE, WAYNE DOUGLAS, US
[71] ELI LILLY AND COMPANY, US
[22] 2000-07-28
[43] 2001-01-29
[30] US (60/146,286) 1999-07-29
[30] US (60/147,570) 1999-08-06
[30] US (60/149,773) 1999-08-19

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[13] A1
[51] **Int.Cl. 7C07D 333/64 7A61P 9/00
7A61P 25/00 7A61P 35/00 7A61P 19/10
7A61K 31/4535**
[25] EN
[54] **A NOVEL CRYSTALLINE FORM
OF 6-HYDROXY-3-(4--2-(PIPERIDIN-1-
YL) ETHOXY] PHENOXY)-2-(4-
METHANOXYPHENYL)
BENZO-B]THIOPHENE
HYDROCHLORIDE**
[54] **UNE NOUVELLE FORME
CRISTALLINE DU CHLORHYDRATE
DE 6-HYDROXY-3-(4-[2(PIPERIDIN-1-
YL)ETHOXY]PHENOXY)-2-(4-
METHOXYPHENYL)B
ENZO[B]THIOPHENE**
[72] CONRAD, PRESTON CHARLES, US
[72] FLOM, MERLYN GERARD, US
[72] BUSH, JULIE KAY, US
[71] ELI LILLY AND COMPANY, US
[22] 2000-07-28
[43] 2001-01-29
[30] US (60/146,184) 1999-07-29
[30] US (60/147,642) 1999-08-06
[30] US (60/149,820) 1999-08-19

[21] **2,314,688**
[13] A1
[51] **Int.Cl. 7H01Q 23/00 7H01Q 21/06**
[25] EN
[54] **PRINTED BI-POLARIZATION
ANTENNA AND CORRESPONDING
NETWORK OF ANTENNAS**
[54] **ANTENNE A CIRCUITS IMPRIMES
A BIPOLARISATION ET RESEAU
D'ANTENNES CORRESPONDANT**
[72] BRACHAT, M. PATRICE, FR
[71] FRANCE TELECOM, FR
[22] 2000-07-28
[43] 2001-01-30
[30] FR (99 10105) 1999-07-30

[21] **2,314,690**
[13] A1
[51] **Int.Cl. 7B01J 23/889 7C07C 33/02
7C07D 307/08 7C07C 31/125 7C07C 29/
136 7C07C 31/20 7C07D 307/33**
[25] EN
[54] **FIXED BED CATALYSTS**
[54] **CATALYSEURS EN LIT FIXE**
[72] MOBUS, KONRAD, DE
[72] STEIN, GERNOT, DE
[72] BERWEILER, MONIKA, DE
[72] BENDER, BARBARA, DE
[72] OSTGARD, DANIEL, DE
[71] DEGUSSA-HULS
AKTIENGESELLSCHAFT, DE
[22] 2000-07-28
[43] 2001-01-31
[30] DE (199 36 135.5) 1999-07-31
[30] US (09/368,571) 1999-08-05

[21] **2,314,693**
[13] A1
[51] **Int.Cl. 7C08G 63/56**
[25] EN
[54] **PROCESS FOR PRODUCING
UNSATURATED POLYESTER AND
UNSATURATED POLYESTER RESIN
COMPOSITION**
[54] **PROCESSUS DE PRODUCTION
D'UN POLYESTER INSATURE ET
COMPOSITION D'UNE RESINE DE
POLYESTER INSATURE**
[72] YOSHIOKA, CHIKARA, JP
[72] YASUMURA, TAKASHI, JP
[71] DAINIPPON INK AND CHEMICALS,
INC., JP
[22] 2000-07-28
[43] 2001-01-28
[30] JP (11-213543) 1999-07-28

[21] **2,314,694**
[13] A1
[51] **Int.Cl. 7D02H 13/16**
[25] EN
[54] **CIRCULAR COMB
ARRANGEMENT**
[54] **PEIGNE CIRCULAIRE**
[72] GRAF, RALPH A., CH
[71] GRAF + CIE AG, CH
[22] 2000-07-28
[43] 2001-01-30
[30] DE (199 36 049.9) 1999-07-30

[21] **2,314,696**
[13] A1
[51] **Int.Cl. 7C30B 33/02 7H01L 21/00
7G02B 6/122 7H01L 21/461**
[25] EN
[54] **PREPARATION OF SILICON
SUBSTRATE**
[54] **PREPARATION D'UN SUBSTRAT
DE SILICIUM**
[72] EJIMA, SEIKI, JP
[72] MAKIKAWA, SHINJI, JP
[72] MAEDA, YASUSHI, JP
[72] HORIGUCHI, MASAHARU, JP
[71] NTT ELECTRONICS
CORPORATION, JP
[71] SHIN-ETSU CHEMICAL CO., LTD.,
JP
[22] 2000-07-27
[43] 2001-01-28
[30] JP (11-213443) 1999-07-28

[21] **2,314,698**
[13] A1
[51] **Int.Cl. 7G04C 23/06**
[25] EN
[54] **TIMER**
[54] **MINUTERIE**
[72] AMONETT, DANIEL KEITH, US
[71] FRANCE/SCOTT FETZER
COMPANY, US
[22] 2000-07-28
[43] 2001-02-02
[30] US (09/365,561) 1999-08-02
[30] US (09/368,284) 1999-08-03

[21] **2,314,699**
[13] A1
[51] **Int.Cl. 7C07D 417/14 7C07D 413/12
7C07D 333/54**
[25] EN
[54] **PROCESS FOR THE
PREPARATION OF
BENZOTHIOPHENE DERIVATIVES**
[54] **PROCEDE POUR LA
PREPARATION DE DERIVES DE
BENZOTHIOPHENE**
[72] ZEIBIG, THOMAS ALBERT, DE
[72] JUNGHANS, BERND, DE
[72] SCALONE, MICHELANGELO, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2000-07-28
[43] 2001-02-02
[30] EP (99115222.4) 1999-08-02

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[21] **2,314,700**
[13] A1

[51] **Int.Cl. 7G01F 23/26**
[25] EN
[54] **A CAPACITIVE SENSOR FOR WATER LEVEL MEASUREMENT IN AN OIL TANK**
[54] **CAPTEUR CAPACITIF SERVANT A MESURER LE NIVEAU D'EAU DANS UN RESERVOIR D'HUILE**
[72] TOTH, FERENCZ NANDOR, NL
[71] ENRAF B.V., NL
[22] 2000-07-27
[43] 2001-01-29
[30] NL (NL 1012743) 1999-07-29

[21] **2,314,708**
[13] A1

[51] **Int.Cl. 7H01M 2/02 7H01M 2/14**
[25] EN
[54] **CHEVRON SHAPED BATTERY JAR BRIDGES**
[54] **PONTS DE BAC D'ELEMENTS D'ACCUMULATEUR EN CHEVRON**
[72] HARDIGG, JAMES S., US
[71] HARDIGG INDUSTRIES, INC., US
[22] 2000-07-28
[43] 2001-01-30
[30] US (09/364,316) 1999-07-30

[21] **2,314,732**
[13] A1

[51] **Int.Cl. 7C30B 11/00**
[25] EN
[54] **CRYSTAL GROWTH VESSEL AND CRYSTAL GROWTH METHOD**
[54] **REACTEUR ET METHODE POUR LA CROISSANCE CRISTALLINE**
[72] KATO, SHIGETO, JP
[72] HAGI, YOSHIKI, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2000-07-31
[43] 2001-02-02
[30] JP (P1999-218709) 1999-08-02

[21] **2,314,703**
[13] A1

[51] **Int.Cl. 7B41J 2/14**
[25] EN
[54] **PRINTING ARRANGEMENT FOR AN INKJET PRINTING DEVICE**
[54] **MONTAGE D'IMPRESSION POUR UN DISPOSITIF D'IMPRESSION A JET D'ENCRE**
[72] BERNDTSSON, ANDERS, CH
[72] DEMIRPLAK, ZELIHA, DE
[72] LEUPOLD, MARTIN, DE
[71] ATLANTIC ZEISER GMBH & CO., DE
[22] 2000-07-27
[43] 2001-01-30
[30] DE (199 35 896.6) 1999-07-30
[30] DE (199 59 008.7) 1999-12-08

[21] **2,314,722**
[13] A1

[51] **Int.Cl. 7B30B 15/14**
[25] EN
[54] **MECHANICAL DEVICE PRODUCTIVITY IMPROVEMENT WITH USAGE ANALYSIS, MANAGEMENT, AND IMPLEMENTATION METHODOLOGY FOR MANUFACTURING FACILITY**
[54] **AMELIORATION DE LA PRODUCTIVITE DE DISPOSITIFS MECANQUES ET METHODE D'ANALYSE D'UTILISATION, DE GESTION ET DE MISE EN OEUVRE POUR INSTALLATIONS DE FABRICATION**
[72] SCHOCH, DANIEL A., US
[71] THE MINSTER MACHINE COMPANY, US
[22] 2000-07-28
[43] 2001-01-30
[30] US (60/146,535) 1999-07-30

[21] **2,314,733**
[13] A1

[51] **Int.Cl. 7B23K 28/00 7B23K 37/04**
[25] EN
[54] **ULTRASONIC VIBRATION BONDING TOOL**
[54] **OUTIL DE LIAISON A VIBRATIONS ULTRASONORES**
[72] SATO, SHIGERU, JP
[72] NAKAI, SEIYA, JP
[71] ULTEX CORPORATION, JP
[22] 2000-07-31
[43] 2001-02-02
[30] JP (11-218854) 1999-08-02
[30] JP (11-345448) 1999-12-03
[30] JP (2000-227813) 2000-07-27

[21] **2,314,707**
[13] A1

[51] **Int.Cl. 7F16D 7/02**
[25] EN
[54] **TRANSMISSION AND TORQUE-LIMITING JOINT ABLE TO ENGAGE THE DRIVING AND DRIVEN MEMBERS ALWAYS IN A SINGLE ANGULAR POSITION**
[54] **JOINT DE TRANSMISSION ET DE LIMITATION DE COUPLE PERMETTANT L'EMBRAYAGE SYSTEMATIQUE DES ORGANES DE COMMANDE ET DES ORGANES ASSERVIS SELON UN ANGLE BIEN PRECIS**
[72] BONDIOLI, EDI, IT
[71] BONDIOLI, EDI, IT
[22] 2000-07-28
[43] 2001-01-29
[30] IT (FI99A000173) 1999-07-29

[21] **2,314,726**
[13] A1

[51] **Int.Cl. 7G01N 27/30 7H01M 8/04 7G01N 27/416 7G01N 27/417**
[25] EN
[54] **CO GAS SENSOR**
[54] **DETECTEUR DE CO GAZEUX**
[72] NAKATA, TOSHIHIDE, JP
[72] AKITA, HIDEMI, JP
[72] KUNIMATSU, KEIJI, JP
[72] SAGUCHI, KATSUHIKO, JP
[71] KABUSHIKIKAISHA EQUOS RESEARCH, JP
[22] 2000-07-31
[43] 2001-01-29
[30] JP (11-214498) 1999-07-29

[21] **2,314,734**
[13] A1

[51] **Int.Cl. 7H01R 12/14 7H01Q 23/00 7H05K 1/18 7H01R 12/18**
[25] EN
[54] **METHOD FOR ATTACHING AN ANTENNA TO A CIRCUIT BOARD AND ARTICLE PRODUCED THEREBY**
[54] **METHODE DE FIXATION D'UNE ANTENNE A UNE CARTE IMPRIMEE ET ARTICLE PRODUIT SELON CETTE METHODE**
[72] MENDOZA, RODOLFO, MX
[72] AVITIA, CESAR, MX
[72] MORALES, JORGE, MX
[71] FORD MOTOR COMPANY OF CANADA LIMITED, CA
[22] 2000-07-31
[43] 2001-02-02
[30] US (09/366,221) 1999-08-02

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[21] **2,314,739**
[13] A1
[51] **Int.Cl. 7C07F 5/04 7C07F 7/00 7C07F 9/00 7C07F 3/06 7C07F 5/06 7C07F 7/07 7C07F 1/08 7C07F 9/6574**
[25] EN
[54] **IONIC METAL COMPLEX AND PROCESS FOR SYNTHESIZING SAME**
[54] **COMPLEXE D'ION METALLIQUE ET PROCEDE POUR LE SYNTHETISER**
[72] TAKAHASHI, MIKIHIRO, JP
[72] TAKASE, HIRONARI, JP
[72] TSUJIOKA, SHOICHI, JP
[71] CENTRAL GLASS COMPANY, LIMITED, JP
[22] 2000-07-31
[43] 2001-02-02
[30] JP (11-219045) 1999-08-02
[30] JP (2000-069201) 2000-03-13

[21] **2,314,740**
[13] A1
[51] **Int.Cl. 7C07F 5/04 7H01G 9/035 7C07F 5/06 7C07F 7/07 7H01M 10/26 7C07F 9/6574**
[25] EN
[54] **ELECTROLYTE FOR ELECTROCHEMICAL DEVICE**
[54] **ELECTROLYTE POUR DISPOSITIF ELECTROCHIMIQUE**
[72] TAKASE, HIRONARI, JP
[72] TAKAHASHI, MIKIHIRO, JP
[72] TSUJIOKA, SHOICHI, JP
[71] CENTRAL GLASS COMPANY, LIMITED, JP
[22] 2000-07-31
[43] 2001-02-02
[30] JP (11-219044) 1999-08-02
[30] JP (2000-069202) 2000-03-13

[21] **2,314,741**
[13] A1
[51] **Int.Cl. 7H04B 1/00 7H04B 10/10**
[25] EN
[54] **EVENT BROADCASTING SYSTEM FOR THE BLIND IN CONCERT HALLS AND OTHER AREAS**
[54] **SYSTEME DE RADIODIFFUSION D'EVENEMENTS POUR LES AVEUGLES DANS DES SALLES DE CONCERT ET AUTRES ENDROITS**
[72] ENRIQUEZ SAENZ DE SANTA MARIA, PORFIRIO, ES
[72] GOMEZ BORRALLO, JUAN JOSE, ES
[71] AREA 52 CONSULTING, S.L., ES
[22] 2000-07-28
[43] 2001-01-30
[30] ES (200000700) 1999-07-30

[21] **2,314,742**
[13] A1
[51] **Int.Cl. 7B42F 7/14**
[25] EN
[54] **FILE FOLDER WITH CONNECTING SIDE PIECES**
[54] **CHEMISE A ELEMENTS LATERAUX EMBOITABLES**
[72] PELEMAN, GUIDO, BE
[71] UNIBIND -CYPRUS LIMITED, CY
[22] 2000-07-31
[43] 2001-02-02
[30] US (09/366,045) 1999-08-02

[21] **2,314,745**
[13] A1
[51] **Int.Cl. 7G02B 27/62 7G01M 11/00 7G02B 6/36**
[25] EN
[54] **OPTICAL FIBER CONNECTOR TUNING INDEX TOOL**
[54] **OUTIL A INDICE DE REGLAGE POUR CONNECTEUR POUR FIBRES OPTIQUES**
[72] ANDREWS, SCOTT R., US
[72] SUBH, NAIF TALEB, US
[72] MOCK, ROBERT WAYNE JR., US
[72] SANDELS, GREGORY A., US
[72] LAMPERT, NORMAN ROGER, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2000-07-28
[43] 2001-01-28
[30] US (09/363,908) 1999-07-28

[21] **2,314,746**
[13] A1
[51] **Int.Cl. 7A61K 31/44 7A61P 19/00 7A61K 45/06 7A61K 9/20**
[25] EN
[54] **USE OF FLUPIRTIN FOR AMELIORATION OF PAINS IN THE DEGENERATIVE JOINT DISEASES OF DOGS AND CATS**
[54] **UTILISATION DE FLUPIRTINE POUR ATTENUER LES DOULEURS CAUSEES PAR LES MALADIES DEGENERATIVES DES ARTICULATIONS CHEZ LES CHIENS ET LES CHATS**
[72] SZELENYI, ISTVAN, DE
[72] LEHMANN, HOLGER, DE
[72] LOBISCH, MICHAEL, DE
[72] ENDLER, GABRIELE, DE
[71] ASTA MEDICA AKTIENGESELLSCHAFT, DE
[22] 2000-08-01
[43] 2001-02-03
[30] US (60/147,033) 1999-08-03

[21] **2,314,750**
[13] A1
[51] **Int.Cl. 7C07D 405/12 7C07D 211/78 7C07D 211/90**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 3-SUBSTITUTED 4-PHENYL-PIPERIDINE DERIVATIVES**
[54] **PROCEDE POUR LA PREPARATION DE DERIVES DE 4-PHENYLPYPERIDINE SUBSTITUEE EN POSITION 3**
[72] CIGNARELLA, GIORGIO, IT
[72] PICCOLO, ORESTE, IT
[72] MASSARDO, PIETRO, IT
[72] DE FERRA, LORENZO, IT
[71] CHEMI S.P.A., IT
[22] 2000-08-01
[43] 2001-02-02
[30] IT (MI99A001731) 1999-08-02

[21] **2,314,755**
[13] A1
[51] **Int.Cl. 7A61C 19/04 7A61C 7/00**
[25] EN
[54] **FACEBOW WITH SIGHTING STRUCTURE**
[54] **ARC FACIAL AVEC STRUCTURE DE VISEE**
[72] LINDEKUGEL, ERIC, US
[71] TELEDYNE INDUSTRIES, INC., US
[22] 2000-07-28
[43] 2001-01-30
[30] US (09/364,764) 1999-07-30

[21] **2,314,757**
[13] A1
[51] **Int.Cl. 7B65B 69/00**
[25] EN
[54] **METHOD AND MACHINE FOR REMOVAL OF BINDING STRINGS OR WIRES FROM A BALE, IN PARTICULAR A BALE OF CELLULOSE**
[54] **METHODE ET MACHINE POUR L'ENLEVEMENT DE FILS METALLIQUES OU DE FICELLES D'ATTACHE D'UNE BALLE, EN PARTICULIER D'UNE BALLE DE CELLULOSE**
[72] BERTOLINO, MICHELE, IT
[71] S.I.C.M.A. S.P.A. SOCIETA INDUSTRIALE COSTRUZIONI MECCANICHE E AFFINI, IT
[22] 2000-07-28
[43] 2001-01-28
[30] IT (T099A 000666) 1999-07-28

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[21] **2,314,759**
[13] A1

[51] **Int.Cl. 7E04B 1/348**
[25] EN
[54] **HOUSING UNIT MODULE**
[54] **MODULE D'UNITE DE**
LOGEMENT
[72] ZANON, ERIO, IT
[71] ZETA PROGRAMM DI ERIO ZANON
& C. S.A.S., IT
[22] 2000-07-28
[43] 2001-01-30
[30] IT (BS99A000077) 1999-07-30

[21] **2,314,760**
[13] A1

[51] **Int.Cl. 7F16H 3/44 7B60K 17/344**
[25] EN
[54] **SPLIT HELICAL PLANETARY**
GEAR ASSEMBLY
[54] **TRAIN PLANETAIRE A PIGNONS**
HELICOIDAUX
[72] MIZON, RICHARD, US
[72] WILLIAMS, RANDOLPH C., US
[72] LANZON, JAMES L., US
[71] NEW VENTURE GEAR, INC., US
[22] 2000-07-28
[43] 2001-01-29
[30] US (09/363,561) 1999-07-29

[21] **2,314,761**
[13] A1

[51] **Int.Cl. 7A41D 19/01 7A41D 13/08**
7A63B 71/14
[25] EN
[54] **MITTEN FOR SECURING A**
HANDICAPPED PERSON'S HAND TO
SKI POLE
[54] **MITAINE POUR FIXER LA MAIN**
D'UNE PERSONNE HANDICAPEE A UN
BATON DE SKI
[72] CUMMINS, JAMES M., US
[71] CUMMINS, JAMES M., US
[22] 2000-07-28
[43] 2001-01-29
[30] US (60/146,423) 1999-07-29

[21] **2,314,762**
[13] A1

[51] **Int.Cl. 7B01D 33/327 7E02B 5/08**
[25] EN
[54] **TRAVELING WATER SCREEN**
HAVING IMPROVED BASKET
[54] **TAMIS D'EAU COURANTE**
COMPRENANT UN PANIER
AMELIORE
[72] REETZ, WESLEY A., US
[72] BARFUSS, STEVEN L., US
[72] HARTSON, WILLIAM J., US
[71] NIAGARA MOHAWK POWER
CORPORATION, US
[22] 2000-07-28
[43] 2001-01-30
[30] US (09/364,387) 1999-07-30

[21] **2,314,766**
[13] A1

[51] **Int.Cl. 7B01D 19/04 7D21C 3/28**
[25] EN
[54] **ANTI-FOAM FORMULATION**
[54] **FORMULATION ANTI-MOUSSE**
[72] RAUTSCHEK, HOLGER, DE
[72] BURGER, WILLIBALD, DE
[72] WIMMER, JOSEF, DE
[72] WOLF, CHRISTINE, DE
[72] ZSCHEILE, ERIKA, DE
[71] WACKER-CHEMIE GMBH, DE
[22] 2000-07-31
[43] 2001-02-02
[30] DE (199 36 289.0) 1999-08-02

[21] **2,314,771**
[13] A1

[51] **Int.Cl. 7C07C 215/08 7C07C 213/00**
7C07D 405/06 7C07D 295/088 7C07C 215/
12 7C07D 309/12
[25] EN
[54] **METHOD FOR MANUFACTURING**
AMINOALCOHOL
[54] **METHODE DE SYNTHESE D'UN**
AMINO-ALCOOL
[72] ONISHI, TAKASHI, JP
[72] TOKUYASU, JIN, JP
[72] NAGAREDA, KATSUSHI, JP
[72] ISOUE, KOICHIRO, JP
[71] KURARAY CO., LTD., JP
[22] 2000-07-31
[43] 2001-02-03
[30] JP (11-219794) 1999-08-03
[30] JP (11-219795) 1999-08-03
[30] JP (11-272146) 1999-09-27

[21] **2,314,779**
[13] A1

[51] **Int.Cl. 7F16L 37/10**
[25] EN
[54] **QUICK CONNECTOR WITH A**
THROUGH BORE
[54] **RACCORD INSTANTANE A**
ALESAGE TRAVERSANT
[72] BAKKE, STIG, NO
[71] BAKKE TECHNOLOGY AS, NO
[22] 2000-08-01
[43] 2001-02-02
[30] NO (19993724) 1999-08-02

[21] **2,314,780**
[13] A1

[51] **Int.Cl. 7H04L 12/16**
[25] EN
[54] **OBJECT-ENABLED REAL-TIME**
MESSAGING SYSTEM
[54] **SYSTEME DE MESSAGERIE EN**
TEMPS REEL FAISANT APPEL A DES
OBJETS
[72] SARASWAT, VIJAY ANAND, US
[71] AT&T CORP., US
[22] 2000-08-01
[43] 2001-02-03
[30] US (09/366,617) 1999-08-03

[21] **2,314,784**
[13] A1

[51] **Int.Cl. 7A61M 1/00 7A61B 19/00**
[25] EN
[54] **FLUID COLLECTION APPARATUS**
FOR A SURGICAL DEVICE
[54] **APPAREIL SERVANT A**
RECUEILLIR DES LIQUIDES POUR
DISPOSITIF CHIRURGICAL
[72] BUZZARD, JON D., US
[72] ALBRECHT, THOMAS E., US
[72] SALAZAR, EDUARDO, US
[72] HIBNER, JOHN A., US
[72] BECK, DAVID D., US
[71] ETHICON ENDO-SURGERY, INC.,
US
[22] 2000-08-01
[43] 2001-02-02
[30] US (09/365,619) 1999-08-02

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[21] **2,314,785**
[13] A1
[51] **Int.Cl. 7A61B 17/00**
[25] EN
[54] **SURGICAL INSTRUMENT AND METHOD FOR ENDOSCOPIC TISSUE DISSECTION**
[54] **INSTRUMENT CHIRURGICAL ET METHODE DE DISSECTION DE TISSUS PAR ENDOSCOPIE**
[72] BERTIN, JASON C., US
[72] KOLATA, RONALD J., US
[72] THOMPSON, BENNIE, US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2000-08-01
[43] 2001-02-02
[30] US (09/365946) 1999-08-02

[21] **2,314,796**
[13] A1
[51] **Int.Cl. 7F04D 5/00**
[25] EN
[54] **MULTI-CHANNEL REGENERATIVE PUMP**
[54] **POMPE A RECUPERATION MULTIVOIES**
[72] ROTH, PETER P., US
[72] ROTH, PAUL E., US
[72] WRIGHT, BRUCE C., US
[71] ROY E. ROTH COMPANY, US
[22] 2000-07-31
[43] 2001-01-29
[30] US (09/363,514) 1999-07-29

[21] **2,314,801**
[13] A1
[51] **Int.Cl. 7E21B 47/12**
[25] EN
[54] **APPARATUS FOR MEASUREMENT**
[54] **DISPOSITIF DE MESURE**
[72] SMITH, DAVID RANDOLPH, NL
[71] SHELL CANADA LIMITED, CA
[22] 2000-08-01
[43] 2001-02-03
[30] US (09/366,395) 1999-08-03

[21] **2,314,802**
[13] A1
[51] **Int.Cl. 7B60P 1/04 7B60P 3/00**
[25] EN
[54] **UNLOADING METHOD AND DUMP WAGON FOR POTTED PLANTS**
[54] **METHODE DE DECHARGEMENT ET CHARIOT A BASCULE POUR PLANTES EN POT**
[72] HOLZ, KENNETH, US
[71] BAILEY NURSERIES, INC., US
[22] 2000-08-02
[43] 2001-02-03
[30] US (09/365,719) 1999-08-03

[21] **2,314,804**
[13] A1
[51] **Int.Cl. 7C03C 6/08 7C09K 3/14**
[25] EN
[54] **SINTERED MATERIALS**
[54] **MATIERES FRITTEES**
[72] MEYER, JURGEN, DE
[72] MANGOLD, HELMUT, DE
[72] SCHNEIDER, GERRIT, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 2000-08-02
[43] 2001-02-03
[30] DE (199 36 478.8) 1999-08-03

[21] **2,314,810**
[13] A1
[51] **Int.Cl. 7A47C 4/04 7A47D 1/00 7A47C 4/12 7A47C 4/22**
[25] EN
[54] **SEATING APPARATUS**
[54] **DISPOSITIF A SIEGE**
[72] STEADMAN, WILLIAM DAVID, US
[71] STEADMAN, WILLIAM DAVID, US
[22] 2000-08-02
[43] 2001-02-03
[30] GB (9918139.8) 1999-08-03

[21] **2,314,815**
[13] A1
[51] **Int.Cl. 7D06F 58/14 7A61L 2/20**
[25] EN
[54] **BAG WITH AIR DISTRIBUTOR AND OZONE GENERATOR**
[54] **SAC AVEC DISTRIBUTEUR D'AIR ET PRODUCTEUR D'OZONE**
[72] DHAEMERS, GREGORY L., US
[71] DHAEMERS, GREGORY L., US
[22] 2000-08-02
[43] 2001-02-03
[30] US (09/365,793) 1999-08-03

[21] **2,314,820**
[13] A1
[51] **Int.Cl. 7B09B 3/00**
[25] FR
[54] **PROCEDE D'INERTAGE DE DECHETS PAR ENROBAGE DANS UN LIANT HYDRAULIQUE ET PREMIX POUR LA MISE EN OEUVRE DE CE PROCEDE**
[54] **PROCESS FOR RENDERING WASTE INERT BY COATING IT WITH A HYDRAULIC BINDER AND PREMIX FOR IMPLEMENTING THIS PROCESS**
[72] LE ROLLAND, BRUNO, FR
[72] COLOMBET, PIERRE, FR
[72] CLASSEN, BRUNO, FR
[71] CIMENTS FRANÇAIS, FR
[22] 2000-07-05
[43] 2001-01-30
[30] FR (99.09922) 1999-07-30

[21] **2,314,830**
[13] A1
[51] **Int.Cl. 7B22D 11/06 7C21D 8/02**
[25] FR
[54] **PROCEDE DE FABRICATION DE BANDES MINCES EN ACIER DE TYPE "TRIP", ET BANDES MINCES AINSI OBTENUES**
[54] **PROCESS FOR THE PRODUCTION OF THIN TRIP-STEEL STRIPS AND THIN STRIPS OBTAINED USING SUCH A PROCESS**
[72] ISSARTEL, CHRISTOPHE, FR
[72] IUNG, THIERRY, FR
[72] BABBIT, MICHEL, FR
[72] FARAL, ODILE, FR
[72] FARAL, MICHEL, FR
[71] USINOR, FR
[22] 2000-07-17
[43] 2001-01-30
[30] FR (99 10 060) 1999-07-30

[21] **2,314,834**
[13] A1
[51] **Int.Cl. 7E21B 6/00**
[25] EN
[54] **SHANK ADAPTER**
[54] **ADAPTATEUR DE TIGE**
[72] NORDIN, OLOF, SE
[72] MARKLUND, JAN, SE
[72] O'BRIEN, JOHN, IE
[71] BOART LONGYEAR LIMITED, IE
[71] JAMA MINING EQUIPMENT AB, SE
[22] 2000-08-02
[43] 2001-02-03
[30] GB (9918197.6) 1999-08-03

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[21] **2,314,838**
[13] A1

[51] **Int.Cl. 7G01R 25/00 7G01R 31/02**
[25] EN
[54] **FAULT DETECTION IN ELECTRICAL TRANSMISSION LINES**
[54] **DETECTION DE DEFAILLANCE DANS LES LIGNES DE TRANSPORT D'ELECTRICITE**
[72] PICKERING, STEVEN DAFYDD ALAN, GB
[72] HEGGIE, GRAEME, GB
[71] ALSTOM UK LTD., GB
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[43] 2001-02-03
[30] GB (GB9918103.4) 1999-08-03

[21] **2,314,841**
[13] A1

[51] **Int.Cl. 7H04J 14/02 7C03C 17/34**
[25] EN
[54] **WDM OPTICAL FILTER AND GLASS SUBSTRATE FOR USE IN THE WDM OPTICAL FILTER**
[54] **FILTRE OPTIQUE A MRL ET SUBSTRAT DE VERRE POUR FILTRE OPTIQUE A MRL**
[72] JOHNSON, ROBERT W., US
[72] HASHIMOTO, KAZUAKI, JP
[72] YANAGITA, HIROAKI, JP
[71] HOYA CORPORATION U.S.A., US
[71] HOYA CORPORATION, JP
[22] 2000-08-02
[43] 2001-02-02
[30] US (60/146,355) 1999-08-02

[21] **2,314,843**
[13] A1

[51] **Int.Cl. 7G06K 11/08**
[25] EN
[54] **LIGHT-SENSITIVE VOLTAGE DIVIDERS AND USE IN X-Y INPUT DEVICES**
[54] **DIVISEURS DE TENSION PHOTOSENSIBLES ET USAGE DE CES DISPOSITIFS DANS DES DISPOSITIFS D'ENTREE A COORDONNEES X-Y**
[72] LAUTZENHISER, JOHN L., US
[71] MAGITEK.COM, LLC, US
[22] 2000-08-02
[43] 2001-02-03
[30] US (60/147,055) 1999-08-03
[30] US (60/162,087) 1999-10-28
[30] US (09/483,705) 2000-01-14

[21] **2,314,844**
[13] A1

[51] **Int.Cl. 7F22B 37/10 7F22B 21/02**
[25] EN
[54] **WATER-TUBE BOILER CHAUDIERE TUBULAIRE**
[72] MORIMATSU, TAKASHI, JP
[72] KONDOU, KANTA, JP
[72] OOKUBO, TOMOHIRO, JP
[72] KAYAHARA, TOSHIHIRO, JP
[72] KAWAKAMI, AKINORI, JP
[72] WAKAE, KOICHI, JP
[72] TANAKA, OSAMU, JP
[71] MIURA CO., LTD., JP
[71] MIURA INSTITUTE OF RESEARCH & DEVELOPMENT CO., LTD., JP
[22] 2000-08-02
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[30] JP (222011/1999) 1999-08-05

[21] **2,314,845**
[13] A1

[51] **Int.Cl. 7F23D 14/84**
[25] EN
[54] **BURNER FOR REDUCING NITROGEN OXIDES AND CARBON MONOXIDE**
[54] **BRULEUR POUR REDUIRE LA TENEUR EN OXYDES D'AZOTE ET EN MONOXYDE DE CARBONE**
[72] SCOTT, TIMOTHY D., US
[72] LANNES, ERIC M., US
[71] BRADFORD WHITE CORPORATION, US
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[43] 2001-02-02
[30] US (09/366,129) 1999-08-02

[21] **2,314,850**
[13] A1

[51] **Int.Cl. 7G01N 30/96 7B01J 39/06**
[25] EN
[54] **SUPPRESSOR FOR CONTINUOUS ELECTROCHEMICALLY SUPPRESSED ION CHROMATOLOGY AND METHOD**
[54] **NEUTRALISATEUR ET METHODE POUR LA CHROMATOGRAPHIE EN CONTINU D'IONS NEUTRALISEES ELECTROCHIMIQUEMENT**
[72] SIMS, CARL, US
[72] PHAM, HUNG ANTHONY, US
[72] GURNER, YURI, US
[72] ANDERSON, JAMES M., JR., US
[72] SAARI-NORDHAUS, RAAIDAH, US
[72] BENEDICT, BART C., US
[71] ALLTECH ASSOCIATES, INC., US
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[43] 2001-02-02
[30] US (09/365,496) 1999-08-02

[21] **2,314,858**
[13] A1

[51] **Int.Cl. 7A63B 5/08**
[25] EN
[54] **FOLDABLE TRAMPOLINE**
[54] **TRAMPOLINE PLIABLE**
[72] GOLDWITZ, BRIAN L., US
[71] GOLDWITZ, TRACY, US
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[21] **2,314,859**
[13] A1

[51] **Int.Cl. 7A61B 5/15**
[25] EN
[54] **LANCER**
[54] **DISPOSITIF A LANCETTE**
[72] ADAMS, RAY, US
[72] GABEL, JONATHAN B., US
[72] CHELAK, TODD M., US
[72] REED, SCOTT W., US
[72] WEST, ROBERT E., US
[72] BACHMAN, ALAN, US
[72] ALLEN, WILLIAM J., US
[72] SHARIFI-MEHR, AMIR ALI, US
[72] DI BIASI, MICHAEL A., US
[71] BECTON, DICKINSON AND COMPANY, US
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[43] 2001-02-03
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[13] A1
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[25] EN
[54] **CONTROL SYSTEM FOR VEHICLE WASHING SYSTEM**
[54] **SYSTEME DE COMMANDE POUR DISPOSITIF DE LAVAGE DE VEHICULES**
[72] GAUTHIER, DAVID M., US
[71] MARK VII EQUIPMENT, INC., US
[22] 2000-08-02
[43] 2001-02-02
[30] US (09/365,519) 1999-08-02

[21] **2,315,025**
[13] A1
[51] **Int.Cl. 7F16L 3/08**
[25] EN
[54] **CABLE SUPPORT BRACKET ASSEMBLY**
[54] **PATTE DE SUPPORT DE CABLE**
[72] MEYER, JOHN S., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2000-08-03
[43] 2001-02-03
[30] US (60/146,872) 1999-08-03

[21] **2,315,316**
[13] A1
[51] **Int.Cl. 7H04Q 7/36**
[25] EN
[54] **CLUSTER STRUCTURED MOBILE COMMUNICATION SYSTEM, BASE STATION, CLUSTER CONTROL STATION, LINE CONTROL STATION AND MOBILE STATION**
[54] **SYSTEME DE TELECOMMUNICATIONS MOBILE A STRUCTURE EN GRAPPES, STATION DE BASE, STATION DE COMMANDE DES GRAPPES, STATION DE COMMANDE DE LIGNE ET STATION MOBILE**
[72] UMEDA, NARUMI, JP
[72] SUDA, HIROHITO, JP
[72] YAMAOKA, YASUSHI, JP
[71] NTT DOCOMO, INC., JP
[22] 2000-07-27
[43] 2001-01-28
[30] JP (11-214180) 1999-07-28

[21] **2,315,319**
[13] A1
[51] **Int.Cl. 7H04L 12/12 7H04L 12/56**
[25] EN
[54] **DERIVATION OF EQUIVALENT BANDWIDTH OF AN INFORMATION FLOW**
[54] **CALCUL DE LARGEUR DE BANDE EQUIVALENTE D'UN FLUX D'INFORMATIONS**
[72] GIBBS, GRAEME A., GB
[72] SABRY, MARTIN, GB
[72] TANG, CHO Y., GB
[72] GVOZDANOVIC, RADE, GB
[71] NORTEL NETWORKS CORPORATION, CA
[22] 2000-07-27
[43] 2001-02-03
[30] US (09/368,276) 1999-08-03

[21] **2,315,324**
[13] A1
[51] **Int.Cl. 7G10L 19/12**
[25] EN
[54] **SPEECH SIGNAL DECODING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE DECODAGE DE SIGNAUX DE PAROLE**
[72] MURASHIMA, ATSUSHI, JP
[71] NEC CORPORATION, JP
[22] 2000-07-27
[43] 2001-01-28
[30] JP (214292/1999) 1999-07-28

[21] **2,315,332**
[13] A1
[51] **Int.Cl. 7C03C 3/083**
[25] EN
[54] **LI2O-A1203-SIO2 CRYSTALLIZED GLASS AND CRYSTALLIZABLE GLASS THEREFOR**
[54] **VERRE CRISTALLISE DE LI2O-AL2O3-SIO2 ET VERRE CRISTALLISABLE POUVANT PRODUIRE LEDIT VERRE CRISTALLISE**
[72] SHIMATANI, NARUTOSHI, JP
[72] YAMADA, HIROYUKI, JP
[72] SAKAMOTO, AKIHIKO, JP
[71] NIPPON ELECTRIC GLASS CO., LTD., JP
[22] 2000-07-27
[43] 2001-02-02
[30] JP (219060/1999) 1999-08-02

[21] **2,315,337**
[13] A1
[51] **Int.Cl. 7C03C 3/083**
[25] EN
[54] **LI2O-A1203-SIO2 CRYSTALLIZED GLASS AND CRYSTALLIBLE GLASS THEREFOR**
[54] **VERRE CRISTALLISE DE LI2O-AL2O3-SIO2 ET VERRE CRISTALLISABLE POUVANT PRODUIRE LEDIT VERRE CRISTALLISE**
[72] YAMADA, HIROYUKI, JP
[72] SAKAMOTO, AKIHIKO, JP
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[71] NIPPON ELECTRIC GLASS CO., LTD., JP
[22] 2000-07-27
[43] 2001-02-02
[30] JP (219175/1999) 1999-08-02

[21] **2,315,410**
[13] A1
[51] **Int.Cl. 7H01H 13/10 7G01R 35/00 7H01H 21/54**
[25] EN
[54] **METER TEST SWITCH**
[54] **INTERRUPTEUR D'ESSAI D'APPAREIL DE MESURE**
[72] ARCHER, THOMAS J., US
[72] SHINCOVICH, JOHN T., US
[71] METER DEVICES COMPANY, INC., US
[22] 2000-08-01
[43] 2001-02-02
[30] US (60/146,681) 1999-08-02

[21] **2,315,427**
[13] A1
[51] **Int.Cl. 7A61F 5/01**
[25] EN
[54] **PLANTAR FASCITIS SUPPORT APPARATUS**
[54] **DISPOSITIF DE SUPPORT POUR FASCIITE PLANTAIRE**
[72] GAYLORD, ROBERT SCOTT, US
[72] GRIFFIN, DONALD EARL, US
[71] MEDICAL SPECIALTIES, INC., US
[22] 2000-08-01
[43] 2001-02-02
[30] US (09/365,670) 1999-08-02

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[13] A1

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[25] EN
[54] **SEMICONDUCTOR DEVICE**
[54] **DISPOSITIF A SEMICONDUCTEURS**
[72] KOBAYASHI, TOSHIO, JP
[72] KUBOTA, MICHITAKA, JP
[71] SONY CORPORATION, JP
[22] 2000-07-27
[43] 2001-01-29
[30] JP (P11-215800) 1999-07-29

[21] **2,315,591**
[13] A1

[51] **Int.Cl. 7G08C 23/06 7G01N 21/17**
[25] EN
[54] **FOUR STEP DISCRETE PHASE SHIFT DEMODULATION METHOD FOR FIBER OPTIC SENSOR ARRAYS**
[54] **METHODE DE DEMODULATION PAR DEPLACEMENT DE PHASE DISCRETE A QUATRE ETAPES POUR RESEAUX DE CAPTEURS A FIBRES OPTIQUES**
[72] HALL, DAVID BARNETT, US
[71] LITTON SYSTEMS, INC., US
[22] 2000-07-24
[43] 2001-01-30
[30] US (09/364,396) 1999-07-30

[21] **2,315,614**
[13] A1

[51] **Int.Cl. 7C07D 403/12 7A61P 9/00 7A61P 35/00 7C07D 405/04 7A61P 27/06 7C07D 401/12 7C07D 401/14 7C07D 405/14 7C07D 409/14 7C07D 417/14 7A61K 31/415 7A61K 31/433 7A61K 31/4439 7A61K 31/506 7C07D 231/52**
[25] EN
[54] **PYRAZOLES**
[54] **PYRAZOLES**
[72] ESHELBY, JAMES JOHN, GB
[72] SCHULZ, DARREN JOHN, AU
[72] CHUBB, NATHAN ANTHONY LOGAN, GB
[72] BANKS, BERNARD JOSEPH, GB
[71] PFIZER INC., US
[22] 2000-07-27
[43] 2001-01-29
[30] GB (9917858.4) 1999-07-29
[30] GB (0013368.6) 2000-05-31

[21] **2,315,616**
[13] A1

[51] **Int.Cl. 7F02D 17/02 7B60K 6/02**
[25] EN
[54] **ENGINE CONTROL APPARATUS**
[54] **DISPOSITIF DE COMMANDE MOTEUR**
[72] EGUCHI, TAKAHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2000-07-27
[43] 2001-02-02
[30] JP (11-219360) 1999-08-02

[21] **2,315,837**
[13] A1

[51] **Int.Cl. 7C12P 7/26**
[25] EN
[54] **MICROBIAL PRODUCTION OF LEVODIONE**
[54] **PRODUCTION MICROBIENNE DE LEVODIONE**
[72] SEKIHARA, TORU, JP
[72] FUKUOKA, MASATSUKA, JP
[72] HIRAGA, KOKI, JP
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2000-07-27
[43] 2001-02-02
[30] EP (99115237.2) 1999-08-02

[21] **2,315,839**
[13] A1

[51] **Int.Cl. 7C04B 41/70**
[25] EN
[54] **A METHOD OF COATING AN UNCURED MINERAL SUBSTRATE**
[54] **METHODE POUR L'ENDUCTION D'UN SUBSTRAT MINERAL NON-TRAITE**
[72] BOWE, MICHAEL DAMIAN, US
[71] ROHM AND HAAS COMPANY, US
[22] 2000-07-27
[43] 2001-02-03
[30] US (60/147,016) 1999-08-03

[21] **2,316,045**
[13] A1

[51] **Int.Cl. 7G01N 33/531 7G01N 33/543 7C12Q 1/68**
[25] EN
[54] **DEVICES AND METHODS FOR PRODUCING MICROARRAYS OF BIOLOGICAL SAMPLES**
[54] **DISPOSITIFS ET METHODES POUR PRODUIRE DES JEUX ORDONNES DE MICROECHANTILLONS BIOLOGIQUES**
[72] MCNEIL, JAMES B., CA
[72] WINEGARDEN, NEIL A., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[22] 2000-08-16
[43] 2001-01-30

[21] **2,316,473**
[13] A1

[51] **Int.Cl. 7G02B 27/01 7G02C 9/00**
[25] EN
[54] **COVERT HEADWORN INFORMATION DISPLAY OR DATA DISPLAY OR VIEWFINDER**
[54] **DISPOSITIF D'AFFICHAGE D'INFORMATION, DISPOSITIF D'AFFICHAGE DE DONNEES OU VISEUR DISSIMULE PORTE SUR LA TETE**
[72] MANN, STEVE, CA
[71] MANN, STEVE, CA
[22] 2000-07-24
[43] 2001-01-28
[30] CA (2280022) 1999-07-28
[30] CA (2280425) 1999-08-16
[30] CA (2280420) 1999-08-12
[30] US (09/422559) 1999-10-21
[30] US (09/421937) 1999-10-21
[30] US (09/421938) 1999-10-21
[30] US (09/422790) 1999-10-22
[30] US (09/422791) 1999-10-22
[30] US (09/422795) 1999-10-22
[30] US (09/480929) 2000-01-11
[30] US (09/480930) 2000-01-11

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[21] **2,316,710**
[13] A1
[51] **Int.Cl. 7G01V 1/30**
[25] FR
[54] **METHODE D'ANALYSE DE SIGNAUX ACQUIS POUR POINTER AUTOMATIQUEMENT SUR EUX AU MOINS UN INSTANT SIGNIFICATIF**
[54] **METHOD OF ANALYSING ACQUIRED SIGNALS TO POINT AUTOMATICALLY AT THEM AT LEAST A SIGNIFICANT INSTANT**
[72] DEFLANDRE, JEAN-PIERRE, FR
[71] GAZ DE FRANCE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2000-07-26
[43] 2001-01-28
[30] FR (99 09 883) 1999-07-28

[21] **2,316,716**
[13] A1
[51] **Int.Cl. 7E04F 21/18**
[25] FR
[54] **DISPOSITIF D'ASSISTANCE A LA POSE DE LAMBRIS**
[54] **DEVICE TO FACILITATE THE INSTALLATION OF INTERIOR WOODWORK**
[72] MARCON, LIONEL, FR
[71] ETABLISSEMENTS PIERRE GREHAL ET COMPAGNIE, FR
[22] 2000-07-27
[43] 2001-01-29
[30] FR (99 09 857) 1999-07-29

[21] **2,316,730**
[13] A1
[51] **Int.Cl. 7C01B 3/36 7F02C 3/22**
[25] FR
[54] **INSTALLATION ET PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE COMPRENANT AU MOINS UNE TURBINE A GAZ**
[54] **INSTALLATION AND PROCESS FOR THE PRODUCTION OF SYNTHETIC GAS INCLUDING AT LEAST ONE GAS TURBINE**
[72] MINKKINEN, ARI, FR
[72] FRANCKOWIAK, SIGISMOND, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2000-07-28
[43] 2001-01-29
[30] FR (99 10 000) 1999-07-29

[21] **2,316,731**
[13] A1
[51] **Int.Cl. 7A23K 1/16 7A61P 29/00 7A61K 31/167 7A23K 1/18**
[25] FR
[54] **COMPOSITION ANTIPYRETIQUE CONCENTREE ET STABILISEE A USAGE VETERINAIRE DESTINEE A ETRE INCORPOREE A L'ALIMENTATION DES ANIMAUX AINSI QUE PROCEDE D'INCORPORATION DE CETTE COMPOSITION A L'EAU DE BOISSON D'ANIMAUX**
[54] **CONCENTRATED AND STABILIZED ANTIPIRETIIC COMPOUND FOR VETERINARY USE TO BE ADDED TO ANIMAL FEED AND PROCESS FOR ADDING THE SAID COMPOUND TO ANIMAL DRINKING WATER**

[72] PAYAN, STEPHEN, FR
[72] DAOUDAL, JOSE, FR
[72] LUCAS, FREDERIC, FR
[71] SOGEVAL S.A., FR
[22] 2000-07-28
[43] 2001-01-29
[30] FR (99 09 840) 1999-07-29

[21] **2,316,736**
[13] A1
[51] **Int.Cl. 7B60C 1/00**
[25] FR
[54] **ENVELOPPE DE PNEUMATIQUE COMPORTANT UNE NAPPE DE CARCASSE, UNE COUCHE ELASTOMERE INTERIEURE ET UNE COUCHE ELASTOMERE DE RENFORT ENTRE LADITE NAPPE ET LADITE COUCHE INTERIEURE**
[54] **TIRE COVER WITH A BODY PLY, AN INSIDE RUBBER LAYER AND A REENFORCEMENT RUBBER LAYER BETWEEN THE SAID PLY AND THE SAID INSIDE LAYER**
[72] BIDET, BERNARD, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[22] 2000-07-31
[43] 2001-02-02
[30] FR (99 10 110) 1999-08-02

[21] **2,322,086**
[13] A1
[51] **Int.Cl. 7G01N 37/00 7G01N 33/48**
[25] EN
[54] **METHODS FOR PRODUCTION OF MICROARRAYS OF BIOLOGICAL SAMPLES**
[54] **METHODES DE PRODUCTION DE JEUX ORDONNES DE MICROECHANTILLONS BIOLOGIQUES**
[72] MCNEIL, JAMES B., CA
[72] WINEGARDEN, NEIL A., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[22] 2000-10-03
[43] 2001-01-30

[21] **2,323,828**
[13] A1
[51] **Int.Cl. 7A47G 1/06**
[25] EN
[54] **DISPLAY HOLDER FOR PICTURES**
[54] **SUPPORT A PHOTOGRAPHIES**
[72] ISMAIL, DILSHAD M., CA
[72] ISMAIL, MURAD ALI M., CA
[71] VIBRANT PHOTO AND ELECTRONICS INC., CA
[22] 2000-10-10
[43] 2001-01-28

[21] **2,323,916**
[13] A1
[51] **Int.Cl. 7B08B 13/00 7B08B 9/043**
[25] EN
[54] **SPRING CLUTCH FOR DRAIN CLEANING MACHINES**
[54] **EMBRAYAGE A RESSORT POUR APPAREILS SERVANT A CURER LES CANALISATIONS D'EGOUT**
[72] RUTKOWSKI, MICHAEL J., US
[72] BABB, LARRY F., US
[71] EMERSON ELECTRIC CO., US
[22] 2000-10-19
[43] 2001-01-28
[30] US (09/471,366) 1999-12-23

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[13] A1

[51] **Int.Cl. 7A61M 5/32**
[25] EN
[54] **RETRACTING NEEDLE SYRINGE**
[54] **SERINGUE A AIGUILLE**
RETRACTABLE
[72] CAIZZA, RICHARD, US
[72] CARTER, MICHAEL J., US
[71] BECTON, DICKINSON AND
COMPANY, US
[85] 2000-08-17
[86] 1999-12-02 (PCT/US99/28475)
[87] 2000-06-29 (WO00/37131)
[30] US (09/216,561) 1998-12-18

[21] **2,321,640**
[13] A1

[51] **Int.Cl. 7F02C 9/18**
[25] EN
[54] **COMPRESSOR ENDWALL BLEED**
SYSTEM
[54] **SYSTEME DE PURGE DE PAROI**
D'EXTREMITE DE COMPRESSEUR
[72] HANSEN, JEFFREY L., US
[72] RESS, ROBERT A., JR., US
[71] ALLISON ADVANCED
DEVELOPMENT COMPANY, US
[85] 2000-08-25
[86] 1999-02-26 (PCT/US99/04319)
[87] 1999-10-14 (WO99/51866)
[30] US (60/076,026) 1998-02-26

[21] **2,321,930**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/00**
7C12N 15/00
[25] EN
[54] **PRODUCTION AND USE OF**
NORMALIZED DNA LIBRARIES
[54] **PRODUCTION ET UTILISATION**
D'ECHANTILLOTHEQUES D'ADN
NORMALISEES
[72] MATHUR, ERIC J., US
[72] SHORT, JAY M., US
[71] DIVERSA CORPORATION, US
[85] 2000-08-30
[86] 1999-03-04 (PCT/US99/04917)
[87] 1999-09-10 (WO99/45154)
[30] US (09/034,724) 1998-03-04

[21] **2,321,517**
[13] A1

[51] **Int.Cl. 7C25B 11/03 7H01M 4/88**
[25] EN
[54] **GASEOUS DIFFUSION**
ELECTRODE AND USE IN CATALYSED
ELECTROCHEMICAL PROCESSES
[54] **ELECTRODE A DIFFUSION**
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PROCESSUS ELECTROCHIMIQUES
CATALYSES
[72] PARMENTIER, PHILIPPE, FR
[72] NICOLAUS, NATHALIE, FR
[72] OUVRY, LUDOVIC, FR
[71] MESSIER-BUGATTI, FR
[85] 2000-08-29
[86] 1999-12-30 (PCT/FR99/03316)
[87] 2000-07-13 (WO00/41251)
[30] FR (98 16630) 1998-12-30

[21] **2,321,677**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00**
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[25] EN
[54] **NOVEL POLYPEPTIDES AND**
NUCLEIC ACIDS ENCODING THE
SAME
[54] **NOUVEAUX POLYPEPTIDES ET**
ACIDES NUCLEIQUES LES CODANT
[72] GODDARD, AUDREY, US
[72] WOOD, WILLIAM I., US
[72] GURNEY, AUSTIN L., US
[72] BAKER, KEVIN P., US
[72] YUAN, JEAN, US
[72] CHEN, JIAN, US
[71] GENENTECH, INC., US
[85] 2000-08-21
[86] 1999-03-08 (PCT/US99/05028)
[87] 1999-09-16 (WO99/46281)
[30] US (60/077,450) 1998-03-10
[30] US (60/077,632) 1998-03-11
[30] US (60/077,641) 1998-03-11

[21] **2,321,986**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/574**
[25] EN
[54] **METHOD OF CANCER**
DIAGNOSIS BASED ON THE
DETECTION OF CHROMOSOME
ABNORMALITY
[54] **PROCEDE DE DIAGNOSTIQUE DU**
CANCER BASEE SUR LA DETECTION
D'ANOMALIE DE CHROMOSOME
[72] KISHIMOTO, TOSHIHIKO, JP
[72] SASAKI, KOHSUKE, JP
[72] NIWA, SHIN-ICHIRO, JP
[71] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[85] 2000-08-23
[86] 1998-08-24 (PCT/JP98/03733)
[87] 1999-09-02 (WO99/43196)
[30] JP (10/43551) 1998-02-25
[30] JP (10/169522) 1998-06-17

PCT Applications Entering the National Phase

<p style="text-align: center;">[21] 2,322,007 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/36 7G09F 19/00 [25] EN [54] TECHNIQUE FOR EFFECTIVE COMMUNICATIONS WITH, AND PROVISION OF GLOBAL POSITIONING SYSTEM (GPS) BASED ADVERTISING INFORMATION TO, AUTOMOBILES [54] TECHNIQUE PERMETTANT LA COMMUNICATION EFFICACE AVEC DES AUTOMOBILES ET LA TRANSMISSION D'INFORMATIONS PUBLICITAIRES RELATIVES A UN SYSTEME MONDIAL DE LOCALISATION GPS [72] OBRADOVICH, MICHAEL L., US [72] WHITE, PHILIP E., US [71] AMERICAN CALCAR INC., US [85] 2000-08-23 [86] 1999-12-06 (PCT/US99/28848) [87] 2000-07-06 (WO00/40038) [30] US (60/113,397) 1998-12-23 [30] US (60/117,958) 1999-01-28</p>	<p style="text-align: center;">[21] 2,326,372 [13] A1</p> <p>[51] Int.Cl. 6C07K 19/00 6D06M 16/00 6C12N 9/42 [25] EN [54] FABRIC CARE COMPOSITIONS COMPRISING CELLULOSE BINDING DOMAINS [54] COMPOSITIONS D'ENTRETIEN DES TISSUS COMPRENANT DES DOMAINES DE LIAISON DE LA CELLULOSE [72] SMETS, JOHAN, BE [72] BAECK, ANDRE CESAR, BE [72] BOYER, STANTON LANE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-10-24 [86] 1999-04-30 (PCT/US99/09410) [87] 1999-11-11 (WO99/57156) [30] US (PCT/US98/08857) 1998-05-01</p>	<p style="text-align: center;">[21] 2,326,374 [13] A1</p> <p>[51] Int.Cl. 6C07K 14/47 6C07K 1/36 [25] EN [54] PROCESS FOR THE RECOVERY AND PURIFICATION OF A RECOMBINANT PROTEIN FROM A CELL [54] PROCEDE DE RECUPERATION ET DE PURIFICATION D'UNE PROTEINE RECOMBINANTE DEPUIS UNE CELLULE [72] CARNEY, RONALD E., US [72] SCHWARTZ, ELLEN MARIE, US [72] LIST, JULIE R., US [72] ARNDT, JOSEPH, US [71] ABBOTT LABORATORIES, US [85] 2000-10-19 [86] 1999-04-15 (PCT/US99/08309) [87] 1999-10-28 (WO99/54355) [30] US (09/065,224) 1998-04-23</p>
<p style="text-align: center;">[21] 2,324,205 [13] A1</p> <p>[51] Int.Cl. 6C07K 14/36 6C12N 15/62 [25] EN [54] CIRCULARLY PERMUTED BIOTIN BINDING PROTEINS [54] PROTEINES DE LIAISON A LA BIOTINE PERMUTEES CIRCULAIREMENT [72] STAYTON, PATRICK S., US [71] UNIVERSITY OF WASHINGTON, US [85] 2000-09-29 [86] 1999-04-02 (PCT/US99/07331) [87] 1999-10-14 (WO99/51632) [30] US (60/080,560) 1998-04-03</p>	<p style="text-align: center;">[21] 2,326,373 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/00 6A01H 5/00 6C12N 15/36 6C12N 15/82 [25] EN [54] METHODS AND SUBSTANCES FOR PREVENTING AND TREATING AUTOIMMUNE DISEASE [54] METHODES ET SUBSTANCES DE TRAITEMENT ET DE PREVENTION DES MALADIES AUTO-IMMUNES [72] ARAKAWA, TAKESHI, JP [72] LANGRIDGE, WILLIAM H. R., US [71] LOMA LINDA UNIVERSITY, US [85] 2000-10-20 [86] 1999-04-21 (PCT/US99/08857) [87] 1999-10-28 (WO99/54452) [30] US (60/082,688) 1998-04-22</p>	<p style="text-align: center;">[21] 2,326,375 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/31 6A61K 48/00 6A61K 39/095 6C12N 5/10 6C07K 16/12 6C07K 14/22 6G01N 33/53 6C12Q 1/68 [25] EN [54] BASB006 POLYNUCLEOTIDE(S) AND POLYPEPTIDES FROM NEISSERIA MENINGITIS [54] POLYNUCLEOTIDE(S) ET POLYPEPTIDES BASB006 ISOLES A PARTIR DE NEISSERIA MENINGITES [72] THONNARD, JOELLE, BE [71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE [85] 2000-10-20 [86] 1999-04-20 (PCT/EP99/02766) [87] 1999-11-04 (WO99/55873) [30] GB (9808866.9) 1998-04-24</p>

Demandes PCT entrant en phase nationale

[21] **2,326,376**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/02 6C07K 14/02 6A01K 67/027 6C12N 5/10 6C07K 14/11 6A61K 39/12 6C07K 14/22 6C07K 14/235 6C07K 14/33 6C07K 14/34 6C07K 14/445 6C12N 15/62 6A61K 31/715**
[25] EN
[54] **POLYEPITOPE CARRIER PROTEIN**
[54] **PROTEINE PORTEUSE DE POLYEPITOPES**
[72] GRANDI, GUIDO, IT
[72] RAPPUOLI, RINO, IT
[71] CHIRON S.P.A., IT
[85] 2000-10-19
[86] 1999-04-27 (PCT/IB99/00844)
[87] 1999-11-04 (WO99/55730)
[30] GB (9808932.9) 1998-04-27

[21] **2,326,377**
[13] A1

[51] **Int.Cl. 6A61K 39/395**
[25] EN
[54] **INTERNALIZING ERBB2 ANTIBODIES**
[54] **ANTICORPS ERBB2 D'INTERNALISATION**
[72] MARKS, JAMES D., US
[72] POUL, MARIE ALIX, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2000-10-23
[86] 1999-04-23 (PCT/US99/07395)
[87] 1999-11-04 (WO99/55367)
[30] US (60/082,953) 1998-04-24
[30] US (09/250,056) 1999-02-12

[21] **2,326,378**
[13] A1

[51] **Int.Cl. 6C12N 5/08 6A61K 48/00 6C12N 5/06 6C12N 5/10 6A61K 35/14**
[25] EN
[54] **EFFICIENT EX VIVO EXPANSION OF CD4+ AND CD8+ T-CELLS FROM HIV INFECTED SUBJECTS**
[54] **DEVELOPPEMENT EX VIVO EFFICACE DE LYMPHOCYTES T A CD4+ ET CD8+ A PARTIR DE SUJETS INFECTES PAR LE VIH**
[72] ROSENTHAL, KENNETH, CA
[72] BELL, DAVID, CA
[71] HEMOSOL INC., CA
[85] 2000-10-23
[86] 1999-04-23 (PCT/CA99/00369)
[87] 1999-11-04 (WO99/55843)
[30] US (60/082,861) 1998-04-24

[21] **2,326,598**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6C07K 19/00 6C12P 21/02 6A61K 39/04 6C07K 14/35**
[25] EN
[54] **FUSION PROTEINS OF MYCOBACTERIUM TUBERCULOSIS ANTIGENS AND THEIR USES**
[54] **PROTEINES HYBRIDES D'ANTIGENES DE MYCOBACTERIUM TUBERCULOSIS ET LEURS UTILISATIONS**
[72] CAMPOS-NETO, ANTONIO, US
[72] SKEIKY, YASIR A.W., US
[72] ALDERSON, MARK, US
[71] CORIXA CORPORATION, US
[85] 2000-09-29
[86] 1999-04-07 (PCT/US99/07717)
[87] 1999-10-14 (WO99/51748)
[30] US (09/056,556) 1998-04-07
[30] US (09/223,040) 1998-12-30

[21] **2,326,600**
[13] A1

[51] **Int.Cl. 6C12N 5/12 6A01K 67/00 6C12N 15/00 6C12N 15/07 6C12N 5/16 6C12N 5/22 6C12N 5/26 6G01N 33/53 6C12Q 1/68**
[25] EN
[54] **CELLULAR AND ANIMAL MODELS FOR DISEASES ASSOCIATED WITH ALTERED MITOCHONDRIAL FUNCTION**
[54] **MODELES BASES SUR DES CELLULES ET DES ANIMAUX ET DESTINES AUX MALADIES LIES A LA MODIFICATION DE LA FONCTION MITOCHONDRIALE**
[72] CLEVENGER, WILLIAM, US
[72] ANDERSON, CHRISTEN M., US
[71] MITOKOR, US
[85] 2000-10-26
[86] 1999-04-28 (PCT/US99/09347)
[87] 1999-11-04 (WO99/55845)
[30] US (09/069,489) 1998-04-28

[21] **2,326,601**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C12N 1/21 6C07K 14/47 6G01N 33/50 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **ESE GENES AND PROTEINS**
[54] **GENES ESE ET PROTEINES**
[72] EGAN, SEAN E., CA
[72] SENGAR, AMEET, CA
[72] WANG, WEI, CA
[71] HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP, CA
[85] 2000-10-26
[86] 1999-04-27 (PCT/CA99/00375)
[87] 1999-11-04 (WO99/55728)
[30] CA (2,230,201) 1998-04-27
[30] US (60/118,739) 1999-02-05

[21] **2,326,671**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6A01K 67/027 6C12N 5/10 6C12N 15/13 6A61K 35/14 6A61K 38/17 6C07K 16/28 6A61K 39/395 6A61K 31/70 6C07K 14/705**
[25] EN
[54] **IMMUNOSUPPRESSION BY BLOCKING T CELL CO-STIMULATION SIGNAL 2 (B7/CD28 INTERACTION)**
[54] **IMMUNOSUPPRESSION PAR BLOCAGE DU SIGNAL DE CO-ACTIVATION DES LYMPHOCYTES T (INTERACTION B7/CD28)**
[72] DORLING, ANTHONY, GB
[72] LECHLER, IAN ROBERT, GB
[71] IMPERIAL COLLEGE INNOVATIONS LIMITED, GB
[85] 2000-10-25
[86] 1999-04-30 (PCT/GB99/01350)
[87] 1999-11-11 (WO99/57266)
[30] GB (9809280.2) 1998-04-30

PCT Applications Entering the National Phase

<p style="text-align: center;">[21] 2,326,675 [13] A1</p> <p>[51] Int.Cl. 6A61K 38/08 6A61K 39/00 6C07K 19/00 6C12N 5/10 6C12N 1/21 6A61K 39/385 6C12N 15/63 6C12N 15/70 6C12N 15/74 6C12N 15/85 6C12N 15/87</p> <p>[25] EN</p> <p>[54] ISOLATED PEPTIDES WHICH BIND TO HLA-B35 MOLECULES</p> <p>[54] PEPTIDES ISOLEES SE FIXANT AUX MOLECULES HLA-B35</p> <p>[72] MOREL, SANDRA, BE</p> <p>[72] BOON-FALLEUR, THIERRY, BE</p> <p>[72] VAN DEN EYNDE, BENOIT, BE</p> <p>[72] DE GIOVANNI, GERARD, BE</p> <p>[72] OOMS, ANNIE, BE</p> <p>[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US</p> <p>[85] 2000-10-25</p> <p>[86] 1999-10-04 (PCT/US99/23038)</p> <p>[87] 2000-04-20 (WO00/21551)</p> <p>[30] US (09/169,717) 1998-10-09</p>	<p style="text-align: center;">[21] 2,326,685 [13] A1</p> <p>[51] Int.Cl. 6A61K 39/00 6A61K 48/00 6A61K 39/29 6C12N 15/36 6C12N 15/49</p> <p>[25] EN</p> <p>[54] ENHANCING IMMUNE RESPONSES TO GENETIC IMMUNIZATION BY USING A CHEMOKINE</p> <p>[54] PROCEDE POUVANT AMELIORER DES REPONSES IMMUNITAIRES A UNE IMMUNISATION GENETIQUE PAR ADMINISTRATION D'UNE CHEMOKINE</p> <p>[72] PALIARD, XAVIER, US</p> <p>[71] CHIRON CORPORATION, US</p> <p>[85] 2000-10-20</p> <p>[86] 1999-04-22 (PCT/US99/08802)</p> <p>[87] 1999-10-28 (WO99/53960)</p> <p>[30] US (60/082,600) 1998-04-22</p>	<p style="text-align: center;">[21] 2,326,689 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 15/29</p> <p>[25] EN</p> <p>[54] STRESS TOLERANT PLANTS</p> <p>[54] VEGETAUX TOLERANTS AUX AGRESSIONS</p> <p>[72] VERBRUGGEN, NATHALIE, BE</p> <p>[72] INZE, DIRK, BE</p> <p>[72] BEECKMAN, TOM, BE</p> <p>[72] BURSENS, SYLVIA, BE</p> <p>[71] CROPDESIGN N.V., BE</p> <p>[85] 2000-10-23</p> <p>[86] 1999-04-21 (PCT/EP99/02696)</p> <p>[87] 1999-10-28 (WO99/54489)</p> <p>[30] EP (98 20 1279.1) 1998-04-21</p>
<p style="text-align: center;">[21] 2,326,684 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/68 6C07H 21/04</p> <p>[25] EN</p> <p>[54] CHEMICALLY MODIFIED NUCLEIC ACIDS AND METHODS FOR COUPLING NUCLEIC ACIDS TO SOLID SUPPORT</p> <p>[54] ACIDES NUCLEIQUES MODIFIES CHIMIQUEMENT ET PROCEDES POUR FIXER DES ACIDES NUCLEIQUES A UN SUPPORT SOLIDE</p> <p>[72] CAI, WEI WEN, US</p> <p>[72] BRADLEY, ALLAN, US</p> <p>[71] BAYLOR COLLEGE OF MEDICINE, US</p> <p>[85] 2000-10-24</p> <p>[86] 1999-05-04 (PCT/US99/09810)</p> <p>[87] 1999-11-11 (WO99/57323)</p> <p>[30] US (09/071,876) 1998-05-04</p>	<p style="text-align: center;">[21] 2,326,687 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/53 6A01H 5/00 6C12N 9/02 6C12N 15/82</p> <p>[25] EN</p> <p>[54] INTERCONVERSION OF PLANT FATTY ACID DESATURASES AND HYDROXYLASES</p> <p>[54] INTERCONVERSION DE DESATURASES ET D'HYDROXYLASES D'ACIDES GRAS VEGETAUX</p> <p>[72] SOMERVILLE, CHRIS, US</p> <p>[72] BROUN, PIERRE, US</p> <p>[72] WHITTLE, EDWARD J., US</p> <p>[72] SHANKLIN, JOHN, US</p> <p>[71] CARNEGIE INSTITUTION OF WASHINGTON, US</p> <p>[71] BROOKHAVEN SCIENCE ASSOCIATES, US</p> <p>[71] MONSANTO COMPANY, INC., US</p> <p>[85] 2000-10-16</p> <p>[86] 1999-04-16 (PCT/US99/08400)</p> <p>[87] 1999-10-21 (WO99/53073)</p> <p>[30] US (60/081,936) 1998-04-16</p> <p>[30] US (60/123,168) 1999-03-05</p>	<p style="text-align: center;">[21] 2,326,690 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/08 7A61P 27/02 7A61K 9/107 7A61K 31/4168 7A61K 31/5377</p> <p>[25] EN</p> <p>[54] THE PROCESS FOR MANUFACTURING TOPICAL OPHTHALMIC PREPARATIONS WITHOUT SYSTEMIC EFFECTS</p> <p>[54] PROCEDE DE PRODUCTION DE PREPARATIONS OPHTALMIQUES A USAGE LOCAL SANS EFFET SYSTEMIQUE</p> <p>[72] KHAMAR, BAKULESH MAFATLAL, IN</p> <p>[71] KHAMAR, BAKULESH MAFATLAL, IN</p> <p>[85] 2000-09-29</p> <p>[86] 2000-02-02 (PCT/IN00/00008)</p> <p>[87] 2000-08-31 (WO00/49990)</p> <p>[30] IN (90/BOM/99) 1999-02-03</p>
		<p style="text-align: center;">[21] 2,326,691 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/68 6C12Q 1/04</p> <p>[25] EN</p> <p>[54] METHOD FOR THE RAPID DETERMINATION OF BACTERIA</p> <p>[54] METHODE RAPIDE DE DETERMINATION BACTERIENNE</p> <p>[72] JANSEN, GIJSBERT JOHAN, NL</p> <p>[72] WELLING, GJALT WIETZE, NL</p> <p>[72] DEGENER, JOHN EDWARD, NL</p> <p>[71] RIJKSUNIVERSITEIT TE GRONINGEN, NL</p> <p>[71] ACADEMISCH ZIEKENHUIS GRONINGEN, NL</p> <p>[85] 2000-10-19</p> <p>[86] 1999-04-19 (PCT/NL99/00223)</p> <p>[87] 1999-10-28 (WO99/54502)</p> <p>[30] EP (98201253.6) 1998-04-20</p>

Demandes PCT entrant en phase nationale

[21] **2,326,692**
[13] A1

[51] **Int.Cl. 6A61K 39/395 6C12P 21/08 6C07K 16/28**
[25] EN
[54] **USE OF IMMUNOTOXINS TO INDUCE IMMUNE TOLERANCE TO PANCREATIC ISLET TRANSPLANTATION**
[54] **UTILISATION D'IMMUNOTOXINES POUR INDUIRE UNE TOLERANCE IMMUNITAIRE SUITE A UNE TRANSPLANTATION D'ÎLOTS DE LANGHERANS**
[72] THOMAS, FRANCIS T., US
[72] NEVILLE, DAVID M., US
[72] THOMAS, JUDITH M., US
[71] THE UAB RESEARCH FOUNDATION, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US
[85] 2000-10-23
[86] 1999-04-20 (PCT/US99/08606)
[87] 1999-10-28 (WO99/53954)
[30] US (09/064,413) 1998-04-22

[21] **2,326,694**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 14/00 6C12N 5/16 6C12N 15/16 6G01N 33/53 6G01N 33/566 6C12N 15/63 6C07K 14/705**
[25] EN
[54] **GALANIN RECEPTOR GALR3 AND NUCLEOTIDES ENCODING SAME**
[54] **RECEPTEUR GALR3 DE LA GALANINE ET NUCLEOTIDES CODANT POUR CE RECEPTEUR**
[72] CASCIERI, MARGARET, US
[72] HOWARD, ANDREW, US
[72] SULLIVAN, KATHLEEN, US
[72] TAN, CARINA, US
[72] LYNCH, KEVIN, US
[72] SMITH, ROY, US
[72] VAN DER PLOEG, LEONARDUS, US
[71] UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US
[71] MERCK & CO., INC., US
[85] 2000-06-15
[86] 1998-12-17 (PCT/US98/26812)
[87] 1999-06-24 (WO99/31130)
[30] US (60/069,725) 1997-12-17

[21] **2,326,695**
[13] A1

[51] **Int.Cl. 6C12N 9/00 6A61K 48/00**
[25] EN
[54] **ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO HEPATITIS C VIRUS INFECTION**
[54] **TRAITEMENT PAR ACIDES NUCLEIQUES ENZYMATIQUES DE MALADIES OU DE TROUBLES LIES A UNE INFECTION PAR LE VIRUS DE L'HEPATITE C**
[72] BLATT, LAWRENCE, US
[72] PAVCO, PAMELA A., US
[72] MCSWIGGEN, JAMES A., US
[72] ROBERTS, ELISABETH, US
[72] MACEJAK, DENNIS, US
[71] RIBOZYME PHARMACEUTICALS, INC., US
[85] 2000-10-26
[86] 1999-04-26 (PCT/US99/09027)
[87] 1999-11-04 (WO99/55847)
[30] US (60/083,217) 1998-04-27
[30] US (60/100,842) 1998-09-18
[30] US (09/257,608) 1999-02-25
[30] US (09/274,553) 1999-03-23

[21] **2,326,697**
[13] A1

[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **PRIMER EXTENSION METHODS FOR DETECTING NUCLEIC ACIDS**
[54] **METHODES D'EXTENSION D'AMORCES POUR LA DETECTION D'ACIDES NUCLEIQUES**
[72] SHUBER, ANTHONY P., US
[72] LAPIDUS, STANLEY N., US
[71] EXACT LABORATORIES, INC., US
[85] 2000-10-25
[86] 1999-04-23 (PCT/US99/08849)
[87] 1999-11-04 (WO99/55912)
[30] US (09/067,212) 1998-04-27

[21] **2,326,717**
[13] A1

[51] **Int.Cl. 6A01N 63/00 6A61K 38/00 6C07K 1/00 6C07K 16/00 6A61K 39/02 6C07H 21/04 6A61K 39/40 6G01N 33/53**
[25] EN
[54] **NUCLEIC ACIDS ENCODING OUTER MEMBRANE PROTEIN OF HUMAN GRANULOCYTIC EHRlichiosis AGENT**
[54] **ACIDES NUCLEIQUES CODANT UNE PROTEINE DE MEMBRANE EXTERIEURE D'AGENT D'EHRlichiose GRANULOCYTAIRE HUMAINE**
[72] ZHI, NING, US
[72] RIKHISA, YASUKO, US
[72] OHASHI, NORIO, US
[71] THE OHIO STATE RESEARCH FOUNDATION, US
[85] 2000-10-18
[86] 1999-04-08 (PCT/US99/07759)
[87] 1999-10-21 (WO99/52370)
[30] US (60/081,192) 1998-04-09
[30] US (60/128,087) 1999-04-07

[21] **2,326,719**
[13] A1

[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/04 6C12N 5/10 6C07K 14/16 6C07K 14/47 6C12N 15/87**
[25] FR
[54] **UTILISATION DE SEQUENCES D'ADN DE STRUCTURE TRIPLEX POUR LE TRANSFERT DE SEQUENCES NUCLEOTIDIQUES**
[54] **USE OF TRIPLEX STRUCTURE DNA SEQUENCES FOR TRANSFERRING NUCLEOTIDE SEQUENCES**
[72] FIRAT, HUSEYIN, FR
[72] ZENNOU, VERONIQUE, FR
[72] CHARNEAU, PIERRE, FR
[71] INSTITUT PASTEUR, FR
[85] 2000-10-19
[86] 1999-04-23 (PCT/FR99/00974)
[87] 1999-11-04 (WO99/55892)
[30] FR (98/05197) 1998-04-24

PCT Applications Entering the National Phase

[21] **2,326,720**
[13] A1

[51] **Int.Cl. 6A61K 47/48 6A61K 49/00 6A61K 51/08**
[25] EN
[54] **HEMOGLOBIN-HAPTOGLOBIN COMPLEXES**
[54] **COMPLEXES D'HEMOGLOBINE ET D'HAPTOGLOBINE LORS DE L'APPORT CIBLE DE MEDICAMENT**
[72] ADAMSON, J. GORDON, CA
[72] WODZINSKA, JOLANTA MARIA, CA
[72] MOORE, MARIE SYLVIE CELINE, CA
[71] HEMOSOL INC., CA
[85] 2000-10-20
[86] 1999-04-30 (PCT/CA99/00396)
[87] 1999-11-11 (WO99/56723)
[30] CA (2,236,344) 1998-04-30

[21] **2,326,722**
[13] A1

[51] **Int.Cl. 6C12N 15/31 6C12N 9/04 6C12N 9/16 6C12P 7/18 6C12N 1/21 6C07K 14/24 6C12N 15/53 6C12N 15/55 6C12N 15/60 6C12N 9/88**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF 1,3-PROPANEDIOL BY RECOMBINANT ORGANISMS COMPRISING GENES FOR VITAMIN B12 TRANSPORT**
[54] **PROCEDE SERVANT A PRODUIRE 1,3-PROPANEDIOL AU MOYEN D'ORGANISMES DE RECOMBINAISON COMPRENANT DES GENES DE TRANSPORT DE LA VITAMINE B12**
[72] TRIMBUR, DONALD E., US
[72] BULTHUIS, BEN, NL
[72] WHITED, GREGORY M., US
[72] GATENBY, ANTHONY A., US
[71] GENENCOR INTERNATIONAL, INC., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-23
[86] 1999-05-12 (PCT/US99/10356)
[87] 1999-11-18 (WO99/58686)
[30] US (60/085,190) 1998-05-12

[21] **2,326,724**
[13] A1

[51] **Int.Cl. 6C12Q 1/70 6C12N 5/00 6C12P 21/06 6C12Q 1/66**
[25] EN
[54] **MIXED CELL DIAGNOSTIC SYSTEMS**
[54] **SYSTEMES DE DIAGNOSTIC UTILISANT DES CULTURES DE CELLULES MIXTES**
[72] SCHOLL, DAVID R., US
[72] GOODRUM, PATRICIA GAIL RAY, US
[72] HUANG, YUNG T., US
[71] UNIVERSITY HOSPITALS OF CLEVELAND, US
[71] DIAGNOSTIC HYBRIDS, INC., US
[85] 2000-10-23
[86] 1999-04-26 (PCT/US99/09015)
[87] 1999-11-04 (WO99/55917)
[30] US (09/066,072) 1998-04-24

[21] **2,326,725**
[13] A1

[51] **Int.Cl. 6C12N 15/10 6C12Q 1/68**
[25] EN
[54] **METHOD FOR SYNTHESIZING DNA**
[54] **PROCEDE DE SYNTHESE DE L'ADN**
[72] MIYAKE, KAZUE, JP
[72] UEMORI, TAKASHI, JP
[72] TAKEDA, OSAMU, JP
[72] ASADA, KIYOZO, JP
[72] MUKAI, HIROYUKI, JP
[72] KATO, IKUNOSHIN, JP
[72] FUJITA, TOMOKO, JP
[72] SATO, YOSHIMI, JP
[71] TAKARA SHUZO CO., LTD., JP
[85] 2000-10-23
[86] 1999-04-21 (PCT/JP99/02121)
[87] 1999-10-28 (WO99/54455)
[30] JP (10/114005) 1998-04-23
[30] JP (10/315243) 1998-11-06

[21] **2,326,874**
[13] A1

[51] **Int.Cl. 6A61K 35/74 6A61K 38/04 6A61K 31/70 6A61K 35/78**
[25] EN
[54] **METHODS FOR REDUCING CHOLESTEROL USING BACILLUS COAGULANS SPORES, SYSTEMS AND COMPOSITIONS**
[54] **METHODES DE REDUCTION DU CHOLESTEROL PAR DES SPORES DE BACILLUS COAGULANS, SYSTEMES ET COMPOSITIONS ASSOCIES**
[72] FARMER, SEAN, US
[72] LEFKOWITZ, ANDREW R., US
[71] GANEDEN BIOTECH, INC., US
[85] 2000-10-02
[86] 1999-04-01 (PCT/US99/07360)
[87] 1999-10-07 (WO99/49877)
[30] US (60/080,378) 1998-04-01

[21] **2,326,900**
[13] A1

[51] **Int.Cl. 7E21B 47/01 7E21B 47/06 7E21B 23/08**
[25] EN
[54] **APPARATUS AND METHOD FOR ENHANCING REMOTE SENSOR PERFORMANCE**
[54] **ACCROISSEMENT DU RENDEMENT ET DE L'UTILITE D'UNE SONDRE A DISTANCE**
[72] KLUTH, E. L. E., GB
[72] CLOWES, J. R., GB
[72] KUTLIK, ROY, US
[72] CRAWLEY, C. M., US
[72] VARNHAM, M. P., GB
[71] CHEVRON U.S.A. INC., US
[71] SENSOR DYNAMICS LIMITED, GB
[85] 2000-12-02
[86] 2000-02-02 (PCT/US00/02748)
[87] 2000-08-10 (WO00/46485)
[30] GB (9902596.7) 1999-02-05

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[21] **2,326,956**
[13] A1
[51] **Int.Cl. 6C12N 15/18 6C12N 15/00 6C07K 14/51 6G01N 33/53**
[25] EN
[54] **HUMAN BMP-4 PROMOTER AND METHOD FOR EXPLORING BONE-RELATED SUBSTANCE BY USING THE SAME**
[54] **PROMOTEUR HUMAIN BMP-4 ET PROCEDE PERMETTANT D'EXPLORER UNE SUBSTANCE DE TYPE OSSEUX UTILISANT LEDIT PROMOTEUR**
[72] SUGIURA, TAKEYUKI, JP
[72] KAWAI, SHINJI, FR
[71] HOECHST MARION ROUSSEL, FR
[85] 2000-10-26
[86] 1999-04-22 (PCT/IB99/00732)
[87] 1999-11-11 (WO99/57145)
[30] JP (10/120173) 1998-04-30

[21] **2,326,957**
[13] A1
[51] **Int.Cl. 6C12N 15/85 6C12N 15/10 6C12N 15/11 6C12Q 1/68**
[25] EN
[54] **HUMAN BMP-7 PROMOTER AND METHOD FOR EXPLORING BONE-RELATED SUBSTANCE BY USING THE SAME**
[54] **PROMOTEUR HUMAIN BMP-7 ET PROCEDE PERMETTANT D'EXPLORER UNE SUBSTANCE DE TYPE OSSEUX**
[72] KAWAI, SHINJI, FR
[72] SUGIURA, TAKEYUKI, JP
[71] HOECHST MARION ROUSSEL, FR
[85] 2000-10-26
[86] 1999-04-22 (PCT/IB99/00733)
[87] 1999-11-11 (WO99/57293)
[30] JP (10/120174) 1998-04-30

[21] **2,327,259**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68**
[25] EN
[54] **HUMAN TRANSCRIPTIONAL REGULATOR MOLECULES**
[54] **MOLECULES DE REGULATEUR DE TRANSCRIPTION HUMAINE**
[72] HILLMAN, JENNIFER L., US
[72] LAL, PREETI, US
[72] BANDMAN, OLGA, US
[72] TANG, Y. TOM, US
[72] LU, DYUNG AINA M., US
[72] REDDY, ROOPA, US
[72] PATTERSON, CHANDRA, US
[72] GERSTIN, EDWARD H., US
[72] AZIMZAI, YALDA, US
[72] BAUGHN, MARIAH R., US
[72] YUE, HENRY, US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 2000-11-01
[86] 1999-05-04 (PCT/US99/09935)
[87] 1999-11-11 (WO99/57144)
[30] US (60/084,254) 1998-05-05
[30] US (60/095,827) 1998-08-07
[30] US (60/102,745) 1998-10-02

[21] **2,327,261**
[13] A1
[51] **Int.Cl. 6C12N 9/00 6C12P 13/04 6C07K 16/40 6C12N 15/52**
[25] EN
[54] **NICOTIANAMINE SYNTHASE AND GENE ENCODING THE SAME**
[54] **NICOTIANAMINE SYNTHASE ET GENE CODANT CETTE DERNIERE**
[72] SUZUKI, KAZUYA, JP
[72] NISHIZAWA, NAOKO, JP
[72] NAKANISHI, HIROMI, JP
[72] HIGUCHI, KYOKO, JP
[72] MORI, SATOSHI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[85] 2000-10-26
[86] 1999-04-30 (PCT/JP99/02305)
[87] 1999-11-11 (WO99/57249)
[30] JP (10/137685) 1998-04-30

[21] **2,327,262**
[13] A1
[51] **Int.Cl. 6A61K 39/00 6C07K 19/00 6A61K 39/385 6C12N 15/62**
[25] EN
[54] **METHODS OF RAISING ANIMALS FOR MEAT PRODUCTION**
[54] **PROCEDES D'ELEVAGE D'ANIMAUX POUR LA PRODUCTION DE VIANDE**
[72] MANNIS, JACK G., CA
[72] ACRES, STEPHEN D., CA
[72] HARLAND, RICHARD, CA
[71] BIOSTAR INC., CA
[85] 2000-11-03
[86] 1999-05-05 (PCT/CA99/00360)
[87] 1999-11-11 (WO99/56771)
[30] US (60/084,217) 1998-05-05

[21] **2,327,263**
[13] A1
[51] **Int.Cl. 6C12N 15/15 6C12P 21/02 6C12N 5/10 6C07K 16/38 6A61K 38/55 6C12N 15/63 6C12Q 1/68 6C07K 14/81**
[25] EN
[54] **HUMAN PROTEASE ASSOCIATED PROTEINS**
[54] **PROTEINES ASSOCIEES A LA PROTEASE HUMAINE**
[72] HILLMAN, JENNIFER L., US
[72] GUEGLER, KARL J., US
[72] CORLEY, NEIL C., US
[72] TANG, Y. TOM, US
[72] LAL, PREETI, US
[72] PATTERSON, CHANDRA, US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 2000-10-31
[86] 1999-04-28 (PCT/US99/09190)
[87] 1999-11-11 (WO99/57274)
[30] US (09/071,709) 1998-05-01

[21] **2,327,268**
[13] A1
[51] **Int.Cl. 6A61B 1/313**
[25] EN
[54] **ENDOSCOPIC INSTRUMENTATION WITH WORKING CHANNEL**
[54] **INSTRUMENT D'ENDOSCOPIE COMPORTANT UN CANAL DE TRAVAIL**
[72] IAFRATI, MARK, US
[72] MIHALCA, GHEOGHE, US
[71] NEW ENGLAND MEDICAL CENTER HOSPITALS, INC., US
[85] 2000-10-03
[86] 1999-04-09 (PCT/US99/07921)
[87] 1999-10-21 (WO99/52418)
[30] US (09/057,952) 1998-04-09

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[21] **2,327,270**
[13] A1

[51] **Int.Cl. 6H05K 5/02**
[25] EN
[54] **INSERTABLE CARD FOR ELECTRONIC EQUIPMENT**
[54] **CARTE POUVANT ETRE INSEREE, DESTINEE A UN EQUIPEMENT ELECTRONIQUE**
[72] SCHIMMELE-BRELL, TOBIAS, DE
[72] SCHREMMER, ANDREAS, DE
[72] ZEYFANG, JAN, DE
[72] GOLLHOFER, MARTIN, DE
[72] LEARMONTH, TOM, GB
[71] ZEYFANG, JAN, DE
[71] ITT MANUFACTURING ENTERPRISES INC., US
[85] 2000-10-03
[86] 1999-03-20 (PCT/EP99/01870)
[87] 1999-10-14 (WO99/52338)
[30] DE (198 15 549.2) 1998-04-07
[30] DE (198 46 366.9) 1998-10-08

[21] **2,327,271**
[13] A1

[51] **Int.Cl. 6H04L 25/02**
[25] EN
[54] **COMMON MODE NOISE REDUCTION IN CONTACTLESS DIFFERENTIAL BUS**
[54] **REDUCTION DU BRUIT DU MODE COMMUN DANS UN BUS DIFFERENTIEL SANS CONTACT**
[72] ZANI, ROBERT, CA
[72] WILLIAMSON, JOHN M., CA
[72] NEWELL, TERRY E., CA
[72] GUSTERMAN, ALEXANDRE J., CA
[72] BROWN, ANTHONY K. DALE, CA
[71] NORTEL NETWORKS CORPORATION, CA
[85] 2000-10-03
[86] 1999-04-01 (PCT/CA99/00288)
[87] 1999-10-14 (WO99/52248)
[30] US (09/054,388) 1998-04-03

[21] **2,327,272**
[13] A1

[51] **Int.Cl. 6B29B 17/00**
[25] EN
[54] **DEVICE FOR DESTROYING TYRES WITH METALLIC CORDS USING ELECTRIC DISCHARGES**
[54] **DISPOSITIF PERMETTANT DE DETRUIRE A L'AIDE DE DECHARGES ELECTRIQUES DES PNEUS COMPORTANT UN CABLE METALLIQUE**
[72] BUTKO, VALERY GRIGORIEVICH, UA
[72] PARUBOCHAYA, TATIYANA VASILIEVNA, UA
[72] BEDJUKH, ALEXANDR RADIEVICH, UA
[71] YOUSSEF, HARES, UA
[71] BEDJUKH, ALEXANDR RADIEVICH, UA
[85] 2000-10-03
[86] 1998-04-03 (PCT/UA98/00005)
[87] 1999-10-14 (WO99/51412)

[21] **2,327,278**
[13] A1

[51] **Int.Cl. 6G09F 3/20**
[25] EN
[54] **A HOLDER DEVICE FOR STRIP-SHAPED INFORMATION CARRIERS**
[54] **DISPOSITIF DE SUPPORT POUR SUPPORTS D'INFORMATIONS EN FORME DE BANDE**
[72] TORNLUND, JAN, SE
[72] JOSEFSSON, BORJE, SE
[71] HL DISPLAY AB, SE
[85] 2000-10-03
[86] 1999-03-29 (PCT/SE99/00508)
[87] 1999-10-14 (WO99/52092)
[30] SE (9801213-1) 1998-04-03

[21] **2,327,290**
[13] A1

[51] **Int.Cl. 6C07C 311/29 6C07D 487/04 6C07D 495/04 6C07D 275/06 6C07D 279/08 6A61K 31/18 6C07D 261/20 6C07D 217/24 6C07D 265/24 6A61K 31/40 6A61K 31/415 6A61K 31/42 6A61K 31/425 6C07D 209/46 6A61K 31/47 6C07D 209/48 6A61K 31/505 6C07D 239/54 6A61K 31/54 6C07D 231/56 6C07D 209/60 6C07D 233/74 6C07D 239/96**
[25] EN
[54] **SULFONAMIDE DERIVATIVES**
[54] **DERIVES DE SULFONAMIDE**
[72] TAKASAKI, WATARU, JP
[72] TANZAWA, KAZUHIKO, JP
[72] USHIYAMA, SHIGERU, JP
[72] UEDA, KEIJI, JP
[72] MIYAZAKI, SHOUJIRO, JP
[72] KIMURA, TOMIO, JP
[71] SANKYO COMPANY LIMITED, JP
[85] 2000-10-03
[86] 1999-04-02 (PCT/JP99/01751)
[87] 1999-10-14 (WO99/51572)
[30] JP (10/91819) 1998-04-03
[30] JP (11/53164) 1999-03-01

[21] **2,327,294**
[13] A1

[51] **Int.Cl. 6B32B 13/12 6C08L 67/02 6C08L 67/03 6B32B 15/08 6B32B 21/08 6B32B 23/08 6B32B 27/08 6C08L 67/08 6B32B 27/10 6B32B 27/12 6B32B 27/18 6B32B 27/30 6B32B 27/32 6B32B 27/34 6B32B 27/36 6B32B 27/38 6B32B 27/40 6B32B 27/42**
[25] EN
[54] **WATER DISPERSIBLE/ REDISPERSIBLE HYDROPHOBIC POLYESTER RESINS AND THEIR APPLICATION IN COATINGS**
[54] **RESINES POLYESTER HYDROPHOBES DISPERSIBLES/ REDISPERSIBLES DANS L'EAU, ET LEUR APPLICATION DANS DES REVETEMENTS**
[72] SALSMAN, ROBERT KEITH, US
[72] WANG, TIMOTHY SHOUTING, US
[71] SEYDEL RESEARCH, INC., US
[85] 2000-10-03
[86] 1999-03-31 (PCT/US99/07129)
[87] 1999-10-14 (WO99/51430)
[30] US (09/055,972) 1998-04-07

Demandes PCT entrant en phase nationale

[21] **2,327,299**
[13] A1

[51] **Int.Cl. 6A61K 31/435 6A61K 31/425**
[25] EN
[54] **CABERGOLINE AND PRAMIPEXOLE FOR TREATING CNS DISEASES, ESPECIALLY PARKINSON'S DISEASE**
[54] **CABERGOLINE ET PRAMIPEXOLE: NOUVELLES UTILISATIONS ET COMBINAISONS**
[72] GOMEZ-MANCILLA, BALTAZAR, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2000-10-03
[86] 1999-05-07 (PCT/US99/07024)
[87] 1999-11-25 (WO99/59563)
[30] US (60/085,619) 1998-05-15
[30] US (60/087,943) 1998-06-04

[21] **2,327,301**
[13] A1

[51] **Int.Cl. 6B01J 20/06 6B01D 15/08 6B01J 20/08 6B01J 20/32**
[25] EN
[54] **LARGE PORE VOLUME COMPOSITE MINERAL OXIDE BEADS, THEIR PREPARATION AND THEIR APPLICATIONS FOR ADSORPTION AND CHROMATOGRAPHY**
[54] **BILLES COMPOSITES D'OXYDES MINERAUX AVEC DES PORES A GROS VOLUME, PROCEDES DE FABRICATION ET D'APPLICATION POUR L'ADSORPTION ET EN CHROMATOGRAPHIE**
[72] PEREZ, MARC, FR
[72] BOSCHETTI, EGISTO, FR
[72] GIROT, PIERRE, FR
[72] VOUTE, NICOLAS, FR
[72] VIGUIE, JEAN-CLAUDE, FR
[71] LIFE TECHNOLOGIES, INC., US
[85] 2000-10-03
[86] 1999-04-05 (PCT/US99/07479)
[87] 1999-10-14 (WO99/51335)
[30] US (60/080,838) 1998-04-06

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

[51] **Int.Cl. 6B01D 15/08 6B01J 20/00 6B01D 15/02 6B01J 8/10 6B01J 8/18**
[25] EN
[54] **SMALL DENSE MICROPOROUS SOLID SUPPORT MATERIALS, THEIR PREPARATION, AND USE FOR PURIFICATION OF LARGE MACROMOLECULES AND BIOPARTICLES**
[54] **MATERIAUX DE SOUTIEN DENSES, SOLIDES, MICROPOREUX ET DE PETITE TAILLE, PROCEDES DE FABRICATION ET D'UTILISATION DANS LA PURIFICATION DE GROSSES MACROMOLECULES ET DE BIOPARTICULES**
[72] GIROT, PIERRE, FR
[72] BOSCHETTI, EGISTO, FR
[72] VOUTE, NICOLAS, FR
[71] LIFE TECHNOLOGIES, INC., US
[85] 2000-10-03
[86] 1999-04-05 (PCT/US99/07480)
[87] 1999-10-14 (WO99/51316)
[30] US (60/080,837) 1998-04-06

[21] **2,327,329**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01H 5/00 7A61K 38/04 7C12N 5/10 7A61K 9/16 7A61K 39/395 7C12N 15/63 7G01N 33/92**
[25] EN
[54] **CHOLESTEROL RECOGNITION SEQUENCE**
[54] **SEQUENCE DE RECONNAISSANCE DU CHOLESTEROL**
[72] PAPADOPOULOS, VASSILIOS, US
[72] LI, HUA, US
[71] GEORGETOWN UNIVERSITY MEDICAL CENTER, US
[85] 2000-09-12
[86] 1999-03-12 (PCT/US99/05853)
[87] 1999-09-16 (WO99/46575)
[30] US (60/077,753) 1998-03-12

[21] **2,327,330**
[13] A1

[51] **Int.Cl. 6H01L 23/40**
[25] EN
[54] **CAPACITIVE MOUNTING ARRANGEMENT FOR SECURING AN INTEGRATED CIRCUIT PACKAGE TO A HEAT SINK**
[54] **AGENCEMENT DE MONTAGE CAPACITIF DESTINE A FIXER UN BOITIER DE CIRCUIT INTEGRE SUR UN DISSIPATEUR DE CHALEUR**
[72] MOLLER, THOMAS W., US
[72] LEIGHTON, LARRY C., US
[72] AHL, BENGT, SE
[71] ERICSSON INC., US
[85] 2000-10-03
[86] 1999-03-29 (PCT/US99/06880)
[87] 1999-10-14 (WO99/52148)
[30] US (09/054,972) 1998-04-03

[21] **2,327,331**
[13] A1

[51] **Int.Cl. 6H01L 23/40 6H05K 7/20**
[25] EN
[54] **WIRE BOND ATTACHMENT OF A INTEGRATED CIRCUIT PACKAGE TO A HEAT SINK**
[54] **CONNEXION PAR FILS D'UN BOITIER DE CIRCUITS INTEGRES SUR UN DISSIPATEUR DE CHALEUR**
[72] MOLLER, THOMAS W., US
[72] LEIGHTON, LARRY C., US
[72] AHL, BENGT, SE
[71] ERICSSON INC., US
[85] 2000-10-03
[86] 1999-03-29 (PCT/US99/06879)
[87] 1999-10-14 (WO99/52147)
[30] US (09/054,973) 1998-04-03

[21] **2,327,334**
[13] A1

[51] **Int.Cl. 6H04N 7/18**
[25] EN
[54] **GRAPPLER GUIDANCE SYSTEM FOR A GANTRY CRANE**
[54] **SYSTEME DE GUIDAGE DE POTENCE POUR PONT ROULANT A PORTIQUE**
[72] LANIGAN, JACK JR., US
[72] OLSON, DANIEL J., US
[71] MI-JACK PRODUCTS, US
[85] 2000-10-03
[86] 1999-04-16 (PCT/US99/08515)
[87] 1999-11-11 (WO99/57907)
[30] US (09/073,331) 1998-05-06

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[21] **2,327,336**
[13] A1
[51] **Int.Cl. 6A61K 9/12 6A61K 31/135**
[25] EN
[54] **AEROSOL COMPOSITION**
[54] **COMPOSITION D'AEROSOL**
[72] DICKINSON, PAUL ALFRED, GB
[72] WARREN, SIMON JOHN, GB
[71] UNIVERSITY COLLEGE CARDIFF
CONSULTANTS LIMITED, GB
[71] CARDIFF SCINTIGRAPHICS
LIMITED, GB
[85] 2000-10-03
[86] 1999-04-01 (PCT/GB99/01019)
[87] 1999-10-14 (WO99/51205)
[30] GB (9807232.5) 1998-04-03

[21] **2,327,340**
[13] A1
[51] **Int.Cl. 7F24F 7/06**
[25] EN
[54] **MECHANICAL SMOKE AND HEAT
EVACUATION SYSTEM**
[54] **INSTALLATION MECANIQUE
D'EVACUATION DE LA FUMEE ET DE
LA CHALEUR**
[72] KRETZSCHMAR, AXEL, DE
[72] HEIDECK, GUNTER, DE
[71] KRETZSCHMAR, AXEL, DE
[85] 2000-10-03
[86] 2000-01-25 (PCT/DE00/00198)
[87] 2000-08-10 (WO00/46553)
[30] DE (199 04 428.7) 1999-02-04

[21] **2,327,343**
[13] A1
[51] **Int.Cl. 6B21G 3/12 6B21K 1/46**
[25] EN
[54] **A TOOL RING AND A NAIL
MACHINE COMPRISING SUCH TOOL
RING**
[54] **ANNEAU PORTE-OUTILS ET
MACHINE A FAIRE LES CLOUS
COMPRENANT UN TEL ANNEAU**
[72] JENSEN, JORN BOIE, DK
[71] ENKOTEC A/S, DK
[85] 2000-10-03
[86] 1999-03-31 (PCT/DK99/00197)
[87] 1999-10-14 (WO99/51377)
[30] DK (0481/98) 1998-04-03

[21] **2,327,338**
[13] A1
[51] **Int.Cl. 6H04M 3/38 6H04Q 7/38**
[25] EN
[54] **AUTOMATED AND SELECTIVE
AUTHENTICATION IN
TRANSACTION-BASED NETWORKS**
[54] **AUTHENTIFICATION
AUTOMATIQUE ET SELECTIVE DANS
DES RESEAUX FONDES SUR DES
TRANSACTIONS**
[72] BAULIER, GERALD DONALD, US
[72] CAHILL, MICHAEL H., US
[72] LAMBERT, DIANE, US
[72] FERRARA, VIRGINIA KAY, US
[71] LUCENT TECHNOLOGIES INC., US
[85] 2000-10-03
[86] 1999-04-05 (PCT/US99/07442)
[87] 1999-10-14 (WO99/52261)
[30] US (60/080,006) 1998-04-03
[30] US (09/283,673) 1999-04-02

[21] **2,327,341**
[13] A1
[51] **Int.Cl. 7B29C 73/02 7B29C 73/20
7B62D 55/32**
[25] EN
[54] **SNOWMOBILE TRACK REPAIR
SYSTEM, APPARATUS, METHOD AND
PRODUCT**
[54] **SYSTEME, APPAREIL, PROCEDE
ET PRODUIT DESTINES A LA
REPARATION DE CHENILLES DE
MOTONEIGE**
[72] CARROLL, BRIAN E., US
[72] POUTRE, PETER F., US
[71] CARROLL TECH, INC., US
[85] 2000-10-03
[86] 2000-02-07 (PCT/US00/03075)
[87] 2000-08-17 (WO00/47428)
[30] US (09/248,301) 1999-02-11

[21] **2,327,345**
[13] A1
[51] **Int.Cl. 6C07C 311/21 6A61K 31/18
6C07C 311/29 6C07C 311/44**
[25] EN
[54] **PHENYLSULFONAMIDE-
PHENYLETHYLAMINES USEFUL AS
DOPAMINE RECEPTORS**
[54] **PHENYLSULFONAMIDE-
PHENYLETHYLAMINES UTILES EN
TANT QUE RECEPTEUR DE LA
DOPAMINE**
[72] LEIBY, JEFFREY A., US
[72] ROMERO, ARTHUR GLENN, US
[71] PHARMACIA & UPJOHN
COMPANY, US
[85] 2000-10-03
[86] 1999-05-07 (PCT/US99/07023)
[87] 1999-11-18 (WO99/58499)
[30] US (60/085,493) 1998-05-14

[21] **2,327,339**
[13] A1
[51] **Int.Cl. 6A61K 39/00 6A61K 35/00**
[25] EN
[54] **A METHOD OF INDUCING AN
ANTI-TUMOR RESPONSE AGAINST A
LUNG METASTASIS IN A MELANOMA
PATIENT**
[54] **PROCEDE D'INDUCTION D'UNE
REPNSE ANTI-TUMORALE CONTRE
UNE METASTASE CHEZ UN PATIENT
SOUFFRANT DE MELANOME**
[72] BERD, DAVID, US
[71] THOMAS JEFFERSON UNIVERSITY,
US
[85] 2000-10-03
[86] 1999-04-09 (PCT/US99/07725)
[87] 1999-10-21 (WO99/52546)
[30] US (60/081,256) 1998-04-09

[21] **2,327,342**
[13] A1
[51] **Int.Cl. 6C09J 5/02 6C09J 161/04**
[25] EN
[54] **A METHOD OF JOINING
SURFACES**
[54] **PROCEDE D'ASSEMBLAGE DE
SURFACES**
[72] NASLI-BAKIR, BENYAHIA, SE
[72] ANDERSSON, SVEN-ERIK, SE
[72] OSTERBERG, OLOV, SE
[72] LINDBERG, STEFAN, SE
[71] AKZO NOBEL N.V., NL
[85] 2000-10-03
[86] 1999-03-29 (PCT/SE99/00510)
[87] 1999-10-14 (WO99/51697)
[30] EP (98850049.2) 1998-04-06

[21] **2,327,346**
[13] A1
[51] **Int.Cl. 6E03F 5/04 6E03F 5/14**
[25] EN
[54] **WASTE OUTLET**
[54] **DISPOSITIF DE VIDAGE**
[72] KNIGHT, RODNEY PAUL, NZ
[71] KNIGHT, RODNEY PAUL, NZ
[85] 2000-10-03
[86] 1999-04-01 (PCT/NZ99/00040)
[87] 1999-10-14 (WO99/51824)
[30] NZ (330123) 1998-04-03

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<p style="text-align: right;">[21] 2,327,347 [13] A1</p> <p>[51] Int.Cl. 6E04D 13/14 [25] EN [54] FLASHING MEMBER AND FRAME FOR A ROOF-PENETRATING BUILDING PART [54] ELEMENT D'ETANCHEITE ET CADRE POUR UNE PARTIE DE CONSTRUCTION PENETRANT DANS LE TOIT [72] KRISTENSEN, JENS TROELS PLESNER, DK [72] JACOBSEN, PER, DK [71] VELUX INDUSTRI A/S, DK [85] 2000-10-03 [86] 1999-03-25 (PCT/DK99/00170) [87] 1999-10-14 (WO99/51835) [30] DK (0494/98) 1998-04-07</p>	<p style="text-align: right;">[21] 2,327,352 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/57 6C12P 21/06 6C12N 5/10 6C12N 1/21 6C12Q 1/37 6C07K 16/40 6C12N 15/62 6C12N 9/64 [25] EN [54] NOVEL SERINE PROTEASE CAPABLE OF SELECTIVE CLEAVAGE OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN [54] NOUVELLE SERINE PROTEASE APTE AU CLIVAGE SELECTIF DE LA PROTEINE DE LIAISON DU FACTEUR DE CROISSANCE INSULINE-LIKE [72] SMEEKENS, STEVEN P., US [72] HOU, JINZHAO, US [71] AXYS PHARMACEUTICALS, INC., US [85] 2000-10-27 [86] 1999-04-28 (PCT/US99/09224) [87] 1999-11-04 (WO99/55885) [30] US (60/083,321) 1998-04-28 [30] US (09/300,621) 1999-04-27</p>	<p style="text-align: right;">[21] 2,327,354 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/57 6C12N 5/10 6C07K 16/40 6A61K 38/43 6C12N 9/64 6C12Q 1/68 [25] EN [54] HUMAN APOPTOSIS ASSOCIATED PROTEINS [54] PROTEINES ASSOCIEES A L'APOPTOSE HUMAINE [72] BAUGHN, MARIAH, US [72] HILLMAN, JENNIFER L., US [72] CORLEY, NEIL C., US [72] GUEGLER, KARL J., US [72] PATTERSON, CHANDRA, US [71] INCYTE PHARMACEUTICALS, INC., US [85] 2000-11-08 [86] 1999-05-11 (PCT/US99/10386) [87] 1999-11-18 (WO99/58692) [30] US (09/078,402) 1998-05-13</p>
<p style="text-align: right;">[21] 2,327,348 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/02 6A61B 17/17 [25] EN [54] GUIDE SLEEVE FOR OFFSET VERTEBRAE [54] MANCHON DE GUIDAGE POUR VERTEBRES DECALEES [72] HAID, REGIS W., JR., US [72] COMEY, CHRISTOPHER, US [72] ESTES, BRADLEY T., US [72] MOORE, JEFFREY D., US [72] RAY, EDDIE F., III, US [71] SDGI HOLDINGS, INC., US [85] 2000-10-03 [86] 1999-04-09 (PCT/US99/07863) [87] 1999-10-21 (WO99/52447) [30] US (60/081,206) 1998-04-09 [30] US (09/287,927) 1999-04-07</p>	<p style="text-align: right;">[21] 2,327,353 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/40 6A61K 39/12 6C07K 14/18 6G01N 33/569 [25] EN [54] STRUCTURAL PROTEINS OF FISH PANCREATIC DISEASE VIRUS AND USES THEREOF [54] PROTEINES DE STRUCTURE DU VIRUS DE LA MALADIE AFFECTANT LE PANCREAS DES POISSONS ET UTILISATIONS DE CES DERNIERES [72] WESTON, JONATHAN, GB [72] TODD, DANIEL, GB [71] AKZO NOBEL N.V., NL [85] 2000-11-07 [86] 1999-05-06 (PCT/EP99/03244) [87] 1999-11-18 (WO99/58639) [30] EP (98201461.5) 1998-05-08</p>	<p style="text-align: right;">[21] 2,327,355 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C12Q 1/68 6C07K 14/705 [25] EN [54] HUMAN RECEPTOR MOLECULES [54] MOLECULES DE RECEPTEUR HUMAIN [72] YUE, HENRY, US [72] TANG, Y. TOM, US [72] HILLMAN, JENNIFER L., US [72] BANDMAN, OLGA, US [72] LAL, PREETI, US [72] CORLEY, NEIL C., US [72] PATTERSON, CHANDRA, US [72] GUEGLER, KARL J., US [71] INCYTE PHARMACEUTICALS, INC., US [85] 2000-10-31 [86] 1999-04-28 (PCT/US99/09191) [87] 1999-11-11 (WO99/57270) [30] US (09/071,822) 1998-05-01</p>

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[13] A1
[51] **Int.Cl. 7C08L 23/12 7B29C 47/00 7C08J 3/00 7C08L 23/16**
[25] EN
[54] **PROPYLENE RESIN COMPOSITION AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSITION DE RESINE PROPYLENE ET PROCESSUS DE PRODUCTION**
[72] SUGITA, YASUHISA, JP
[72] SAEKI, TAKASHI, JP
[72] NAKAGAWA, MASARU, JP
[72] MITSUHASHI, KENICHI, JP
[72] NAKASHIMA, HIROKI, JP
[72] OBATA, YUTAKA, JP
[71] IDEMITSU PETROCHEMICAL CO., LTD., JP
[85] 2000-10-05
[86] 2000-03-23 (PCT/JP00/01780)
[87] 2000-10-05 (WO00/58398)
[30] JP (11/84339) 1999-03-26

[21] **2,327,505**
[13] A1
[51] **Int.Cl. 6A61K 39/395**
[25] EN
[54] **MONOCLONAL ANTIBODIES WITH REDUCED IMMUNOGENICITY**
[54] **ANTICORPS MONOCLONAUX PRESENTANT UNE IMMUNOGENICITE REDUITE**
[72] TAYLOR, ALEXANDER H., US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 2000-10-27
[86] 1999-04-28 (PCT/US99/09131)
[87] 1999-11-04 (WO99/55369)
[30] US (60/083,367) 1998-04-28

[21] **2,327,523**
[13] A1
[51] **Int.Cl. 6C07K 14/435 6A61K 39/00**
[25] EN
[54] **FRAMESHIFT MUTANTS OF BETA-AMYLOID PRECURSOR PROTEIN AND UBIQUITIN-B AND THEIR USE**
[54] **MUTANTS DE DEPHASAGE DE PROTEINE DE PRECURSEUR DE BETA-AMYLOIDE ET D'UBIQUITINE-B ET LEUR UTILISATION**
[72] ERIKSEN, JON AMUND, NO
[72] GAUDERNACK, GUSTAV, NO
[72] MOLLER, MONA, NO
[71] NORSK HYDRO ASA, NO
[85] 2000-11-03
[86] 1999-04-30 (PCT/NO99/00141)
[87] 1999-11-18 (WO99/58564)
[30] NO (19982098) 1998-05-08

[21] **2,327,574**
[13] A1
[51] **Int.Cl. 6H05K 3/24 6C25D 5/06**
[25] EN
[54] **METHOD OF PROVIDING CONDUCTIVE TRACKS ON A PRINTED CIRCUIT AND APPARATUS FOR USE IN CARRYING OUT THE METHOD**
[54] **PROCEDE POUR DOTER UN CIRCUIT IMPRIME DE PISTES CONDUCTRICES ET APPAREIL POUR METTRE EN OEUVRE CE PROCEDE**
[72] LOWE, JOHN MICHAEL, GB
[71] LOWE, JOHN MICHAEL, GB
[85] 2000-10-05
[86] 1999-04-06 (PCT/GB99/00890)
[87] 1999-10-14 (WO99/52336)
[30] GB (9807280.4) 1998-04-06

[21] **2,327,577**
[13] A1
[51] **Int.Cl. 6H02G 3/04**
[25] EN
[54] **INTERLOCKING MODULAR LADDER-TYPE CABLE TRAY**
[54] **CHEMIN DE CABLES MODULAIRE EN ECHELLE A VERROUILLAGE**
[72] MOLEK, EFRAIM, IL
[71] MOLEK, EFRAIM, IL
[85] 2000-10-05
[86] 1999-02-04 (PCT/IL99/00073)
[87] 1999-10-21 (WO99/53584)
[30] IL (124018) 1998-04-08

[21] **2,327,580**
[13] A1
[51] **Int.Cl. 6G06K 9/00**
[25] EN
[54] **IDENTIFICATION CONFIRMATION SYSTEM**
[54] **SYSTEME DE CONFIRMATION D'IDENTIFICATION**
[72] BLACK, GERALD R., US
[71] BLACK, GERALD R., US
[85] 2000-10-05
[86] 1999-04-07 (PCT/US99/07900)
[87] 1999-10-14 (WO99/52060)
[30] US (60/080,962) 1998-04-07
[30] US (60/088,498) 1998-06-08
[30] US (60/109,511) 1998-11-23

[21] **2,327,591**
[13] A1
[51] **Int.Cl. 6B01J 21/18 6B01D 53/86**
[25] EN
[54] **DESULFURIZATION OF EXHAUST GASES USING ACTIVATED CARBON CATALYST**
[54] **DESULFURATION DE GAZ D'ECHAPPEMENT AU MOYEN D'UN CATALYSEUR AU CARBON ACTIF**
[72] TOGARI, OSAMU, JP
[72] TAKEDA, DAL, JP
[72] SONEHARA, NAONORI, JP
[72] ASAOKA, SACHIO, JP
[72] KAWAMURA, KAZUSHIGE, JP
[72] UMEHARA, YOICHI, JP
[72] NISHIJIMA, HIROAKI, JP
[71] CHIYODA CORPORATION, JP
[85] 2000-10-05
[86] 1999-04-06 (PCT/JP99/01810)
[87] 1999-10-14 (WO99/51337)
[30] JP (10/94584) 1998-04-07
[30] JP (10/139505) 1998-05-21
[30] JP (10/249571) 1998-09-03
[30] JP (11/26127) 1999-02-03

[21] **2,327,609**
[13] A1
[51] **Int.Cl. 6C07D 301/06 6C07D 301/08**
[25] EN
[54] **EPOXIDATION PROCESS**
[54] **PROCEDE D'EPOXIDATION**
[72] DESSAU, RALPH M., US
[72] KAHN, ANDREW P., US
[72] GREY, ROGER A., US
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US
[85] 2000-10-05
[86] 1999-04-15 (PCT/US99/08250)
[87] 1999-10-21 (WO99/52884)
[30] US (60/081,939) 1998-04-16
[30] US (09/290,100) 1999-04-09

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[21] **2,327,613**
[13] A1

[51] **Int.Cl. 6H02K 5/132 6B02C 7/02 6F04B 17/04 6B02C 7/06 6H02K 7/09 6B02C 7/14 6H02K 7/14 6B02C 7/16 6B01D 33/56**
[25] EN
[54] **INTEGRATED PAPER PULP AND PROCESS MACHINERY HAVING INTEGRATED DRIVE AND CONTROL AND METHODS OF USE THEREOF**
[54] **INSTALLATION COMPLETE DE TRAITEMENT DE PATE A PAPIER AVEC ENTRAÎNEMENT ET COMMANDE INTEGRES, ET SES TECHNIQUES D'UTILISATION**
[72] DEMLER, CHRISTOPHER L., US
[72] EGAN, JOHN J., III, US
[71] THERMO BLACK CLAWSON INC., US
[85] 2000-10-05
[86] 1999-04-08 (PCT/US99/07729)
[87] 1999-10-14 (WO99/52197)
[30] US (60/081.033) 1998-04-08

[21] **2,327,615**
[13] A1

[51] **Int.Cl. 6C08G 18/70 6C09J 175/02 6C08G 18/80**
[25] EN
[54] **SUBSTANCE SYSTEM**
[54] **SYSTEME DE MATERIAUX**
[72] TERFLOTH, CHRISTIAN, DE
[72] HIPPOLD, THEODOR, DE
[72] GUSE, DIETER, DE
[71] JOWAT LOBERS UND FRANK GMBH & CO. KG, DE
[85] 2000-10-05
[86] 1999-01-29 (PCT/DE99/00223)
[87] 1999-11-18 (WO99/58590)
[30] DE (198 20 270.9) 1998-05-07

[21] **2,327,617**
[13] A1

[51] **Int.Cl. 6A61K 31/44 6C07D 498/02**
[25] EN
[54] **METHODS FOR INHIBITING MRP1**
[54] **PROCEDES D'INHIBITION DE MRP1**
[72] GRUBER, JOSEPH MICHAEL, US
[72] KROIN, JULIAN STANLEY, US
[72] NORMAN, BRYAN HURST, US
[71] ELI LILLY AND COMPANY, US
[85] 2000-10-05
[86] 1999-04-07 (PCT/US99/07613)
[87] 1999-10-14 (WO99/51228)
[30] US (60/081,080) 1998-04-08

[21] **2,327,620**
[13] A1

[51] **Int.Cl. 6H04N 7/12**
[25] EN
[54] **SYNCHRONIZING, SWITCHING AND EDITING MPEG FILES**
[54] **SYNCHRONISATION, COMMUTATION ET EDITIONS DE FICHIERS MPEG**
[72] HENSLEY, BENTLEY P., US
[72] THOMAS, GARY J., US
[72] ORANGIO, SCOTT D., US
[71] SEACHANGE INTERNATIONAL, INC., US
[85] 2000-10-05
[86] 1999-04-06 (PCT/US99/07507)
[87] 1999-10-14 (WO99/52283)
[30] US (60/080,916) 1998-04-06

[21] **2,327,622**
[13] A1

[51] **Int.Cl. 6B01J 20/34 6B01J 38/60**
[25] EN
[54] **METHODS FOR ENHANCING THE ACID SITES OF FCC CATALYSTS**
[54] **PROCEDES POUR INTENSIFIER LES SITES ACIDES DES CATALYSEURS DE CRAQUAGE CATALYTIQUE FLUIDE**
[72] PAVEL, STEPHEN K., US
[71] COASTAL CATALYST TECHNOLOGY, INC., US
[85] 2000-10-05
[86] 1999-04-05 (PCT/US99/07490)
[87] 1999-10-14 (WO99/51336)
[30] US (09/055,690) 1998-04-06

[21] **2,327,647**
[13] A1

[51] **Int.Cl. 6H04B 1/707 6H04Q 7/38**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING THE POSITION OF A MOBILE TERMINAL IN A CDMA MOBILE COMMUNICATIONS SYSTEM**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LA POSITION D'UN TERMINAL MOBILE DANS UN SYSTEME DE COMMUNICATIONS MOBILE A ACCES MULTIPLE PAR CODE DE REPARTITION (AMCR)**
[72] CEDERVALL, MATS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-10-05
[86] 1999-04-06 (PCT/SE99/00577)
[87] 1999-10-14 (WO99/52235)
[30] US (60/081,117) 1998-04-08
[30] US (09/280,233) 1999-03-29

[21] **2,327,649**
[13] A1

[51] **Int.Cl. 6A61F 2/06**
[25] EN
[54] **SMALL BORE BIOLOGIC GRAFT WITH THERAPEUTIC DELIVERY SYSTEM**
[54] **GREFFE BIOLOGIQUE DE FAIBLE DIAMETRE INTERIEUR AVEC SYSTEME D'ADMINISTRATION D'UN AGENT THERAPEUTIQUE**
[72] SULLIVAN, STEVEN GRANT, US
[72] RANIERE, JOHN PAUL, US
[72] CHICKERING, DONALD EDWARD, US
[71] SULZER INNOTECH INC., US
[85] 2000-10-05
[86] 1999-04-08 (PCT/US99/07700)
[87] 1999-10-14 (WO99/51168)
[30] US (09/056,956) 1998-04-08

[21] **2,327,650**
[13] A1

[51] **Int.Cl. 6A23K 1/10 6A23J 3/00 6A23K 1/165 6A23K 1/18 6A23L 1/31**
[25] EN
[54] **A METHOD FOR THE MODIFICATION OF PROTEIN STRUCTURE IN FINISH SHAPED FEED PELLETS, BALLS OR THE LIKE IN ORDER TO ACHIEVE SHAPE STABILITY, AND FEED MASS MADE IN ACCORDANCE WITH THE METHOD**
[54] **PROCEDE DE MODIFICATION DE LA STRUCTURE PROTEINIQUE DE GRANULES, DE BOULES ALIMENTAIRES OU ANALOGUES A FORME FINIE DESTINE A LEUR CONFERER UNE STABILITE DE FORME, ET MASSE ALIMENTAIRE PREPAREE CONFORMEMENT A CE PROCEDE**
[72] HOFF, KJELL ARNE, NO
[72] THORSEN, FRED HIRTH, NO
[71] NUTRECO AQUACULTURE RESEARCH CENTRE AS, NO
[85] 2000-10-05
[86] 1999-03-25 (PCT/NO99/00102)
[87] 1999-10-14 (WO99/51107)
[30] NO (19981616) 1998-04-08
[30] NO (19991468) 1999-03-25

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[21] **2,327,651**
[13] A1
[51] **Int.Cl. 6H05B 41/16**
[25] EN
[54] **POWER SUPPLY FOR A DIFFICULT TO START ELECTRODELESS LAMP**
[54] **ALIMENTATION POUR LAMPE SANS ELECTRODE DIFFICILE A ALLUMER**
[72] PENZENSTADLER, ERNEST G., US
[72] FRANK, JEROME D., US
[71] FUSION UV SYSTEMS, INC., US
[85] 2000-10-05
[86] 1998-07-13 (PCT/US98/14190)
[87] 1999-10-21 (WO99/53730)
[30] US (09/056,792) 1998-04-08

[21] **2,327,652**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07K 5/00 7C07K 14/00 7C07K 16/00 7C07H 21/04 7C12N 15/63 7C12N 15/85 7C12N 15/86**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF NEUROPSYCHIATRIC DISORDERS**
[54] **PROCEDES ET COMPOSITIONS DESTINES AU DIAGNOSTIC ET AU TRAITEMENT DE TROUBLES NEUROPSYCHIATRIQUES**
[72] FREIMER, NELSON B., US
[72] CHEN, HONG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2000-10-05
[86] 1999-04-05 (PCT/US99/07478)
[87] 1999-10-14 (WO99/51186)
[30] US (60/080,841) 1998-04-06

[21] **2,327,654**
[13] A1
[51] **Int.Cl. 7G01B 9/02**
[25] EN
[54] **INTERFEROMETER FOR MULTIPLEXER UTILIZING A PHASE DIFFERENTIAL METHOD**
[54] **INTERFEROMETRE NON LINEAIRE POUR MULTIPLEXEUR A DIVISION DE LONGUEUR D'ONDE DENSE A FIBRE OPTIQUE UTILISANT UN PROCEDE DE PHASE DIFFERENTIELLE DE SEPARATION DE LONGUEUR D'ONDE**
[72] CAO, SIMON X. F., US
[71] AVANEX CORPORATION, US
[85] 2000-10-05
[86] 2000-02-07 (PCT/US00/03143)
[87] 2000-08-31 (WO00/51247)
[30] US (09/247,253) 1999-02-10

[21] **2,327,655**
[13] A1
[51] **Int.Cl. 6A61K 9/20 6A61J 3/10**
[25] EN
[54] **TABLET MANUFACTURING METHOD AND TABLET**
[54] **COMPRIMES ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] GOTO, TOMOHIKO, JP
[72] MORIMOTO, KIYOSHI, JP
[72] ITO, KUNIO, JP
[72] HAYAKAWA, EIJI, JP
[72] ISHIKAWA, YASUHIRO, JP
[71] KYOWA HAKKO KOGYO CO., LTD., JP
[85] 2000-10-05
[86] 1999-04-07 (PCT/JP99/01861)
[87] 1999-10-21 (WO99/52491)
[30] JP (10/96441) 1998-04-08

[21] **2,327,657**
[13] A1
[51] **Int.Cl. 6A61M 5/00 6A61M 5/178**
[25] EN
[54] **HEMOSTASIS VALVE ASSEMBLY INCLUDING GUIDE WIRE SEAL**
[54] **ENSEMBLE VALVE HEMOSTATIQUE A PASSAGE DE FIL-GUIDE ETANCHE**
[72] ATKINSON, GORDON E., US
[71] VERNAY LABORATORIES, INC., US
[85] 2000-10-05
[86] 1999-03-08 (PCT/US99/05121)
[87] 1999-09-16 (WO99/45983)
[30] US (09/038,496) 1998-03-10

[21] **2,327,658**
[13] A1
[51] **Int.Cl. 6C01B 6/10 6B01D 53/04**
[25] EN
[54] **PREPARATION AND PURIFICATION OF DIBORANE**
[54] **PREPARATION ET PURIFICATION DU DIBORANE**
[72] RAJORIA, DALBIR S., US
[71] UHP MATERIALS, INC., US
[85] 2000-10-06
[86] 1999-04-09 (PCT/US99/07866)
[87] 1999-10-21 (WO99/52817)
[30] US (60/081,249) 1998-04-09

[21] **2,327,659**
[13] A1
[51] **Int.Cl. 6B01D 33/06 6B01D 65/08**
[25] EN
[54] **ROTARY FILTRATION DEVICE WITH FLOW-THROUGH INNER MEMBER**
[54] **DISPOSITIF DE FILTRATION TOURNANTE A ECOULEMENT CONTINU AVEC ELEMENT INTERNE**
[72] HODGINS, LEONARD T., US
[72] ROLCHIGO, PHILIP M., US
[71] MEMBREX, INC., US
[85] 2000-10-06
[86] 1999-03-18 (PCT/US99/05824)
[87] 1999-10-28 (WO99/54019)
[30] US (063,931) 1998-04-21

[21] **2,327,662**
[13] A1
[51] **Int.Cl. 7G01J 3/28 7G02F 1/01 7G02B 1/08 7H01S 3/10 7H01S 3/14 7G02B 5/20 7G02B 5/30**
[25] EN
[54] **CHIRAL TWIST LASER AND FILTER APPARATUS AND METHOD**
[54] **LASER ET FILTRE A ROTATION DE STRUCTURE CHIRALE ET PROCEDE CORRESPONDANT**
[72] GENACK, AZRIEL ZELIG, US
[72] KOPP, VICTOR IL'ICH, US
[71] CHIRAL PHOTONICS, INC., US
[85] 2000-10-03
[86] 2000-02-04 (PCT/US00/02984)
[87] 2000-08-10 (WO00/46578)
[30] US (60/118,694) 1999-02-04
[30] US (60/118,693) 1999-02-04

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<p style="text-align: right;">[21] 2,327,664 [13] A1</p> <p>[51] Int.Cl. 6B01L 3/02 [25] EN [54] REDRAWN CAPILLARY IMAGING RESERVOIR [54] RESERVOIR CAPILLAIRE ETIRE POUR IMAGERIE [72] DANNOUX, THIERRY L. A., FR [72] CARRE, ALAIN R. E., FR [72] EID, BERNARD, US [72] ROOT, DAVID, US [72] WUSIRIKA, RAJO R., US [72] BORRELLI, NICHOLAS F., US [71] CORNING INCORPORATED, US [85] 2000-10-03 [86] 1999-04-09 (PCT/US99/07844) [87] 1999-11-04 (WO99/55460) [30] EP (98401021.5) 1998-04-27 [30] US (60/091,707) 1998-07-03</p>	<p style="text-align: right;">[21] 2,327,667 [13] A1</p> <p>[51] Int.Cl. 6G06F 15/00 [25] EN [54] NETWORK IMAGE VIEW SERVER USING EFFICIENT CLIENT-SERVER, TILING AND CACHING ARCHITECTURE [54] SERVEUR DE VISUALISATION D'IMAGES EN RESEAU UTILISANT UN SERVEUR CLIENT EFFICACE, UNE ARCHITECTURE EN MOSAIQUE ET A CONCEPT D'ANTEMEMOIRE [72] CRONIN, JOHN C., US [72] HORNBACKER, CECIL V., III, US [71] DIGITAL PAPER, CORPORATION, US [85] 2000-07-28 [86] 1998-02-12 (PCT/US98/03017) [87] 1999-08-19 (WO99/41675)</p>	<p style="text-align: right;">[21] 2,327,670 [13] A1</p> <p>[51] Int.Cl. 6A01N 43/40 [25] EN [54] PULMONARY AND NASAL DELIVERY OF RALOXIFENE [54] ADMINISTRATION PULMONAIRE ET NASALE DE RALOXIFENE [72] ALLEN, DARREL LAVERN, US [72] TIELKING, RICHARD LEON, US [72] LEITER, PAULA ANN, US [72] WOLFF, RONALD KEITH, US [71] ELI LILLY AND COMPANY, US [85] 2000-10-05 [86] 1999-03-31 (PCT/US99/07184) [87] 1999-10-14 (WO99/51096) [30] US (60/081,102) 1998-04-08</p>
<p style="text-align: right;">[21] 2,327,665 [13] A1</p> <p>[51] Int.Cl. 6B01D 36/00 [25] EN [54] BIOLOGICAL FLUID FILTRATION METHOD AND APPARATUS [54] PROCEDE ET APPAREIL DE FILTRATION D'UN FLUIDE BIOLOGIQUE [72] ZIA, MAJID, US [72] KHAMIS, CHAOUKI A., US [71] LEXION MEDICAL, LLC, US [85] 2000-10-03 [86] 1999-03-19 (PCT/US99/06141) [87] 1999-09-23 (WO99/47235) [30] US (60/078,848) 1998-03-20 [30] US (60/083,484) 1998-04-29</p>	<p style="text-align: right;">[21] 2,327,668 [13] A1</p> <p>[51] Int.Cl. 7B28C 5/42 7B60P 1/00 7B60P 3/16 [25] EN [54] HOPPER ASSEMBLY FOR A CEMENT TRUCK [54] ENSEMBLE TREMIE POUR CAMION MALAXEUR DE BETON [72] CAIN, MATTHEW, US [71] BUILDERS' REDI-MIX, INC., US [85] 2000-10-03 [86] 2000-02-03 (PCT/US00/02918) [87] 2000-08-10 (WO00/46067) [30] US (60/118,594) 1999-02-04</p>	<p style="text-align: right;">[21] 2,327,671 [13] A1</p> <p>[51] Int.Cl. 6E21B 17/20 6F16L 7/00 6E21B 23/01 6H01B 7/04 6H02G 1/08 6E21B 17/10 [25] EN [54] COIL SPRINGS FOR CABLE SUPPORT [54] RESSORTS HELICOIDALUX DESTINES A SUPPORTER UN CABLE [72] NEUROTH, DAVID H., US [72] PINKSTON, TIMOTHY W., US [72] COLLIE, CHARLES C., US [71] BAKER HUGHES INCORPORATED, US [85] 2000-10-03 [86] 1999-04-07 (PCT/US99/07601) [87] 1999-10-14 (WO99/51851) [30] US (09/056,498) 1998-04-07</p>
<p style="text-align: right;">[21] 2,327,666 [13] A1</p> <p>[51] Int.Cl. 6F16K 31/06 6H01F 7/127 6H01F 7/128 [25] EN [54] FLUID RESISTANT SOLENOID ACTUATED VALVE [54] CLAPET ETANCHE COMMANDE PAR ELECTRO-AIMANT [72] DOBNICK, DENNIS A., US [72] SCOTT, RUSSELL D., US [71] WABASH MAGNETICS, INC., US [85] 2000-10-03 [86] 1999-03-23 (PCT/US99/06391) [87] 1999-10-14 (WO99/51901) [30] US (09/057,145) 1998-04-08</p>	<p style="text-align: right;">[21] 2,327,669 [13] A1</p> <p>[51] Int.Cl. 6C11D 17/00 6C11D 3/12 6C11D 3/20 [25] EN [54] WATER-SOFTENING AND DETERGENT COMPOSITIONS [54] US9818857ONS DETERGENTES ADOUCISSANT L'EAU [72] GORDON, JAMES WILLIAM, GB [71] UNILEVER PLC, GB [85] 2000-10-03 [86] 1999-03-26 (PCT/EP99/02179) [87] 1999-10-21 (WO99/53014) [30] GB (9807992.4) 1998-04-15</p>	

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[21] **2,327,673**
[13] A1

[51] **Int.Cl. 6C07D 211/58 6C07D 401/14 6A61K 31/445 6A61K 31/505 6A61K 31/55**
[25] EN
[54] **AMINOPIPERIDINE DERIVATIVES AS INTEGRIN .ALPHA.V.BETA.3 ANTAGONISTS**
[54] **DERIVES D'AMINOPIPERIDINE COMME ANTAGONISTES D'INTEGRINE .ALPHA.V.BETA.3**
[72] YAMAMOTO, MIKIO, JP
[72] MURAKAMI, SHOICHI, JP
[72] ISHIKAWA, MINORU, JP
[72] KUBOTA, DAI, JP
[72] HACHISU, MITSUGU, JP
[72] KATANO, KIYOAKI, JP
[72] AJITO, KEIICHI, JP
[71] MEIJI SEIKA KAISHA, LTD., JP
[85] 2000-10-06
[86] 1999-04-09 (PCT/JP99/01903)
[87] 1999-10-21 (WO99/52872)
[30] JP (10/97066) 1998-04-09

[21] **2,327,674**
[13] A1

[51] **Int.Cl. 6C08K 5/13 6C08K 5/09**
[25] EN
[54] **LOW VISCOSITY LIQUID CRYSTALLINE POLYMER COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES CRISTALLINES LIQUIDES A FAIBLE VISCOSITE**
[72] SOELCH, RICHARD ROBERT, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-03
[86] 1999-03-29 (PCT/US99/06768)
[87] 1999-10-21 (WO99/52978)
[30] US (60/081,144) 1998-04-09

[21] **2,327,675**
[13] A1

[51] **Int.Cl. 6C07F 9/12 6C10M 137/02 6C10M 169/04 6C10M 137/12 6C07F 9/32 6C10M 107/38 6C07F 9/40 6C07F 9/46 6C07F 9/48 6C07F 9/50 6C07F 9/53**
[25] EN
[54] **PHOSPHORUS COMPOUNDS AS CORROSION INHIBITORS FOR PERFLUOROPOLYETHERS**
[54] **COMPOSES PHOSPHORES UTILISES COMME INHIBITEURS DE CORROSION POUR DES PERFLUOROPOLYETHERS**
[72] HOWELL, JON L., US
[72] HOFMANN, MICHAEL A., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-03
[86] 1999-03-30 (PCT/US99/06816)
[87] 1999-10-14 (WO99/51612)
[30] US (09/056,085) 1998-04-07

[21] **2,327,678**
[13] A1

[51] **Int.Cl. 6H04L 25/03 6H04L 27/26**
[25] EN
[54] **FILTER FOR IMPULSE RESPONSE SHORTENING, WITH ADDITION SPECTRAL CONSTRAINTS, FOR MULTICARRIER TRANSMISSION**
[54] **FILTRE SERVANT A RACCOURCIR UNE REPONSE IMPULSIONNELLE ET POSSEDANT DES CONTRAINTES SPECTRALES SUPPLEMENTAIRES AFIN D'EMETTRE SUR DES PORTEUSES MULTIPLES**
[72] HARIKUMAR, GOPAL, US
[72] RUDOFSKI, KENNETH J., US
[72] MARCHOK, DANIEL, US
[71] TELLABS OPERATIONS, INC., US
[85] 2000-10-03
[86] 1999-04-05 (PCT/US99/07422)
[87] 1999-10-14 (WO99/52250)
[30] US (09/054,468) 1998-04-03
[30] US (60/087,336) 1998-05-29
[30] US (09/233,914) 1999-01-21

[21] **2,327,679**
[13] A1

[51] **Int.Cl. 6C09B 19/02 6C09B 62/04**
[25] EN
[54] **TRIPHENDIOXAZINE DYESTUFFS FOR DYEING ORGANIC SUBSTRATES**
[54] **COLORANTS DE TRIPHENDIOXYZINE PERMETTANT DE COLORER DES SUBSTRATS ORGANIQUES**
[72] SCHOFBERGER, GEORG, CH
[71] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2000-10-03
[86] 1999-03-01 (PCT/IB99/00338)
[87] 1999-10-14 (WO99/51681)
[30] CH (805/98) 1998-04-03

[21] **2,327,680**
[13] A1

[51] **Int.Cl. 6H04M 15/00 6H04M 3/36 6H04M 3/38**
[25] EN
[54] **AUTOMATED FRAUD MANAGEMENT IN TRANSACTION-BASED NETWORKS**
[54] **LUTTE AUTOMATISEE CONTRE LA FRAUDE DANS DES RESEAUX FONDES SUR DES TRANSACTIONS**
[72] FERRARA, VIRGINIA KAY, US
[72] LAMBERT, DIANE, US
[72] CAHILL, MICHAEL H., US
[72] BAULIER, GERALD DONALD, US
[71] LUCENT TECHNOLOGIES INC., US
[85] 2000-10-03
[86] 1999-04-05 (PCT/US99/07441)
[87] 1999-10-14 (WO99/52267)
[30] US (60/080,006) 1998-04-03
[30] US (09/283,672) 1999-04-01

[21] **2,327,682**
[13] A1

[51] **Int.Cl. 6A61M 39/22**
[25] EN
[54] **HEMOSTASIS VALVE ASSEMBLY INCLUDING GUIDE WIRE SEAL**
[54] **ENSEMBLE VALVE HEMOSTATIQUE A PASSAGE DE FIL-GUIDE ETANCHE**
[72] DEHDASHTIAN, MARK, US
[72] ATKINSON, GORDON E., US
[71] BAXTER INTERNATIONAL INC., US
[71] VERNAY LABORATORIES, INC., US
[85] 2000-10-05
[86] 1999-03-08 (PCT/US99/05030)
[87] 1999-09-16 (WO99/45996)
[30] US (09/038,500) 1998-03-10

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[21] **2,327,683**
[13] A1
[51] **Int.Cl. 6C09C 1/68 6B24D 3/02 6C09K 3/14**
[25] EN
[54] **MAGNETIC-ABRASIVE POWDER, AND METHOD OF PRODUCING THE SAME**
[54] **POUDRE MAGNETIQUE-ABRASIVE ET SON PROCEDE DE PRODUCTION**
[72] FEYGIN, SAVVA, US
[72] KREMEN, GENNADY, US
[72] IGELSHTYN, LEONID, US
[71] SCIENTIFIC MANUFACTURING TECHNOLOGIES, US
[85] 2000-10-03
[86] 1999-03-04 (PCT/US99/04949)
[87] 1999-10-14 (WO99/51693)
[30] US (09/055,449) 1998-04-06

[21] **2,327,684**
[13] A1
[51] **Int.Cl. 6H01J 65/04**
[25] EN
[54] **AN ELECTRODELESS BULB WITH MEANS FOR RECEIVING AN EXTERNAL STARTING ELECTRODE**
[54] **LAMPE SANS ELECTRODE AVEC DES MOYENS DE RECEPTION D'UNE ELECTRODE DE DEMARRAGE EXTERNE**
[72] CEKIC, MIODRAG, US
[72] LEZCANO, PEDRO, US
[72] WALTER, GREGORY, US
[72] FRANK, JEROME D., US
[71] FUSION UV SYSTEMS, INC., US
[85] 2000-10-05
[86] 1998-07-13 (PCT/US98/14189)
[87] 1999-10-21 (WO99/53525)
[30] US (09/056,646) 1998-04-08

[21] **2,327,685**
[13] A1
[51] **Int.Cl. 6A61K 9/22 6A61K 9/28 6A61K 47/38**
[25] EN
[54] **CONTROLLED RELEASE COMPOSITION**
[54] **COMPOSITION A LIBERATION LENTE**
[72] BAR-SHALOM, DANIEL, DK
[71] BM RESEARCH A/S, DK
[85] 2000-10-03
[86] 1999-03-25 (PCT/DK99/00174)
[87] 1999-10-14 (WO99/51208)
[30] EP (98610009.7) 1998-04-03

[21] **2,327,686**
[13] A1
[51] **Int.Cl. 6F21V 8/00**
[25] EN
[54] **MOUNTING ASSEMBLY FOR A LIGHT CONDUIT LIGHTING SYSTEM**
[54] **ENSEMBLE DE MONTAGE POUR SYSTEME D'ECLAIRAGE A CONDUIT DE LUMIERE**
[72] HOFFMAN, JOSEPH A., US
[72] RADKE, DUWAYNE C., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-10-05
[86] 1998-08-26 (PCT/US98/17665)
[87] 1999-10-21 (WO99/53240)
[30] US (09/060,552) 1998-04-15

[21] **2,327,688**
[13] A1
[51] **Int.Cl. 6C07C 1/00 6B01J 29/40**
[25] EN
[54] **CATALYST AND PROCESS FOR CONVERTING METHANOL TO HYDROCARBONS**
[54] **CATALYSEUR ET PROCEDE DE TRANSFORMATION DE METHANOL EN HYDROCARBURES**
[72] BROWN, STEPHEN HAROLD, US
[72] OLSON, DAVID HAROLD, US
[72] WARE, ROBERT ADAMS, US
[72] MATHIAS, MARK FISCHER, US
[72] WEBER, WILLIAM ALOIS, US
[72] GREEN, LARRY ARTHUR, US
[71] MOBIL OIL CORPORATION, US
[85] 2000-10-05
[86] 1999-04-01 (PCT/US99/07320)
[87] 1999-10-14 (WO99/51549)
[30] US (09/055,478) 1998-04-06

[21] **2,327,689**
[13] A1
[51] **Int.Cl. 6C07D 413/06**
[25] EN
[54] **PROCESS FOR PRODUCING INDOLMYCINS**
[54] **PROCEDE DE PRODUCTION D'INDOLMYCINES**
[72] NAKAYAMA, YUTAKA, JP
[72] KAMIYAMA, KEIJI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2000-10-03
[86] 1999-04-08 (PCT/JP99/01872)
[87] 1999-10-21 (WO99/52905)
[30] JP (10/97177) 1998-04-09

[21] **2,327,693**
[13] A1
[51] **Int.Cl. 6A61K 31/66**
[25] EN
[54] **USE OF PHOSPHOLIPIDS FOR THE MANUFACTURE OF A MEDICAMENT FOR THE PREVENTION OF ADHESIONS**
[54] **UTILISATION DE PHOSPHOLIPIDES POUR LA FABRICATION D'UN MEDICAMENT SERVANT A PREVENIR LES ADHESIONS**
[72] WOODCOCK, DEREK ALAN, GB
[72] HILLS, BRIAN ANDREW, AU
[71] BRITANNIA PHARMACEUTICALS LIMITED, GB
[85] 2000-10-03
[86] 1998-11-26 (PCT/GB98/03540)
[87] 1999-10-14 (WO99/51244)
[30] GB (9807298.6) 1998-04-03

[21] **2,327,694**
[13] A1
[51] **Int.Cl. 6F16H 19/00 6F16H 49/00**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR TRANSFER OF PRESSURE AND/OR TENSILE LOAD**
[54] **PROCEDE ET APPAREIL DE TRANSFERT DE L'EFFORT DE PRESSURISATION ET/OU DE TENSION**
[72] SORENSEN, JENS JORREN, DK
[71] VELUX INDUSTRI A/S, DK
[85] 2000-10-05
[86] 1999-03-25 (PCT/DK99/00171)
[87] 1999-10-21 (WO99/53221)
[30] DK (0512/98) 1998-04-08

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[21] **2,327,695**
[13] A1

[51] **Int.Cl. 6C07D 215/12 6C07D 401/06 6C07D 403/06 6C07D 405/06 6C07D 413/06 6C07D 417/06 6C07D 401/10 6C07D 409/10 6C07D 471/10 6C07D 215/14 6C07D 401/14 6C07D 413/14 6C07D 417/14 6C07D 215/18 6C07D 215/20 6C07D 215/42 6A61K 31/47 6C07D 215/58**
[25] EN
[54] **AMINE COMPOUNDS, THEIR PRODUCTION AND THEIR USE AS SOMATOSTATIN RECEPTOR ANTAGONISTS OR AGONISTS**
[54] **COMPOSES AMINES, LEUR PRODUCTION, ET LEUR UTILISATION COMME ANTAGONISTES OU AGONISTES DU RECEPTEUR DE LA SOMATOSTATINE**
[72] ENDO, SATOSHI, JP
[72] TERAUCHI, JUN, JP
[72] TAKEKAWA, SHIRO, JP
[72] KATO, KANEYOSHI, JP
[72] SUZUKI, NOBUHIRO, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2000-10-06
[86] 1999-04-08 (PCT/JP99/01871)
[87] 1999-10-21 (WO99/52875)
[30] JP (10/96422) 1998-04-08
[30] JP (10/345328) 1998-12-04

[21] **2,327,696**
[13] A1

[51] **Int.Cl. 6A61B 5/06**
[25] EN
[54] **SELF-CALIBRATING SYSTEMS AND METHODS FOR LOCATING AND GUIDING OPERATIVE ELEMENTS WITHIN THE INTERIOR OF LIVING BODIES**
[54] **SYSTEMES ET PROCEDE A AUTO-ETALONNAGE, POUR LOCALISER ET GUIDER DES ELEMENTS D'INTERVENTIONS MEDICALES A L'INTERIEUR DE CORPS VIVANTS**
[72] PANESCU, DORIN, US
[72] SWANSON, DAVID K., US
[71] BOSTON SCIENTIFIC CORPORATION, US
[85] 2000-10-05
[86] 1999-04-05 (PCT/US99/07679)
[87] 1999-10-21 (WO99/52430)
[30] US (09/057,320) 1998-04-09

[21] **2,327,697**
[13] A1

[51] **Int.Cl. 6C07D 301/12 6C07D 305/00**
[25] EN
[54] **EPOXIDATION PROCESS**
[54] **PROCEDE D'EPOXIDATION**
[72] DESSAU, RALPH M., US
[72] JONES, C. ANDREW, US
[72] KAHN, ANDREW P., US
[72] GREY, ROGER, A., US
[72] JEWSON, JENNIFER D., US
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US
[85] 2000-10-05
[86] 1999-04-15 (PCT/US99/08248)
[87] 1999-10-21 (WO99/52885)
[30] US (60/081,939) 1998-04-16
[30] US (09/290,647) 1999-04-09

[21] **2,327,698**
[13] A1

[51] **Int.Cl. 6A61M 16/00 6A62B 7/00 6F23D 11/00 6F23D 14/00 6F24J 3/00 6A62B 18/08**
[25] EN
[54] **DISPOSABLE ACTIVE HUMIDIFIER FOR THE MECHANICAL VENTILATION OF A PATIENT**
[54] **HUMIDIFICATEUR ACTIF JETABLE DESTINE A LA VENTILATION ARTIFICIELLE D'UN PATIENT**
[72] GIBERTONI, LUCIO, IT
[71] MALLINCKRODT INC., US
[85] 2000-10-05
[86] 1999-04-21 (PCT/US99/08699)
[87] 1999-10-28 (WO99/53985)
[30] IT (MI98A000862) 1998-04-22

[21] **2,327,699**
[13] A1

[51] **Int.Cl. 6F21V 8/00**
[25] EN
[54] **COUPLING SYSTEM FOR A LIGHT CONDUIT**
[54] **SYSTEME DE COUPLAGE POUR CONDUIT DE LUMIERE**
[72] RADKE, DUWAYNE C., US
[72] HOFFMAN, JOSEPH A., US
[72] HAGEN, KENNETH J., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 2000-10-05
[86] 1998-08-26 (PCT/US98/17661)
[87] 1999-10-21 (WO99/53239)
[30] US (09/060,727) 1998-04-15

[21] **2,327,701**
[13] A1

[51] **Int.Cl. 6E04F 13/04 6E04C 2/32**
[25] EN
[54] **USE OF A PLATE, ESPECIALLY A VACUUM FORMED PLATE**
[54] **UTILISATION D'UNE PLAQUE, NOTAMMENT D'UNE PLAQUE FORMEE SOUS VIDE**
[72] JOHNSEN, FINN, NO
[71] ISOLA AS, NO
[85] 2000-10-05
[86] 1999-04-07 (PCT/NO99/00118)
[87] 1999-11-04 (WO99/55985)
[30] NO (19981622) 1998-04-08

[21] **2,327,702**
[13] A1

[51] **Int.Cl. 6A61B 17/00**
[25] EN
[54] **STRUCTURES AND METHODS FOR CREATING CAVITIES IN INTERIOR BODY REGIONS**
[54] **STRUCTURES ET PROCEDES POUR FORMER DES CAVITES DANS DES REGIONS CORPORELLES INTERNES**
[72] SCHOLTEN, ARIE, US
[72] REILEY, MARK A., US
[71] KYPHON INC., US
[85] 2000-10-05
[86] 1999-04-06 (PCT/US99/07652)
[87] 1999-10-14 (WO99/51149)
[30] US (09/055,805) 1998-04-06

[21] **2,327,703**
[13] A1

[51] **Int.Cl. 6A01H 5/10**
[25] EN
[54] **METHOD FOR SELECTIVE INCREASING IN THE ANTICARCINOGENIC GLUCOSINOLATES IN BRASSICA SP**
[54] **PROCEDE D'ACROISSEMENT SELECTIVE DES GLUCOSINOLATES ANTICARCINOGENES DE LA BRASSICA SP**
[72] FAULKNER, KATHY, GB
[72] MITHEN, RICHARD, GB
[71] PLANT BIOSCIENCE LIMITED, GB
[85] 2000-10-05
[86] 1999-04-08 (PCT/GB99/01079)
[87] 1999-10-21 (WO99/52345)
[30] US (60/081,169) 1998-04-09

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[21] **2,327,704**
[13] A1

[51] **Int.Cl. 6H02G 15/013 6H02G 15/113 6G02B 6/44**
[25] EN
[54] **A CLOSURE**
[54] **BOITIER**
[72] BUEKERS, VALERE, BE
[72] DEROOST, DIRK, BE
[72] BOS, PETER, BE
[72] LEGRAND, JOHAN, BE
[72] RADELET, CHRISTIAAN, BE
[72] WITTEMEIER, DAVID, BE
[72] NOLF, JEAN-MARIE ETIENNE, BE
[71] TYCO ELECTRONICS RAYCHEM NV, BE
[85] 2000-10-05
[86] 1999-03-30 (PCT/GB99/00993)
[87] 1999-11-04 (WO99/56370)
[30] GB (9808963.4) 1998-04-28
[30] GB (9906210.1) 1999-03-18

[21] **2,327,705**
[13] A1

[51] **Int.Cl. 6G01R 33/28**
[25] EN
[54] **PHARMACOLOGICAL MRI (PHMRI)**
[54] **PROCEDE PHARMACOLOGIQUE D'IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] CAVAGNA, FRIEDRICH M., IT
[72] JENKINS, BRUCE G., US
[72] MANDEVILLE, JOE B., US
[71] BRACCO S.P.A., IT
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2000-10-05
[86] 1999-04-07 (PCT/US99/07550)
[87] 1999-10-14 (WO99/51994)
[30] US (60/081,048) 1998-04-08

[21] **2,327,706**
[13] A1

[51] **Int.Cl. 6A61K 31/44 6C07D 498/02**
[25] EN
[54] **METHODS FOR INHIBITING MRP1**
[54] **PROCEDES D'INHIBITION DE MRP1**
[72] GRUBER, JOSEPH MICHAEL, US
[72] NORMAN, BRYAN, H., US
[71] ELI LILLY AND COMPANY, US
[85] 2000-10-05
[86] 1999-04-07 (PCT/US99/07343)
[87] 1999-10-14 (WO99/51227)
[30] US (60/081,077) 1998-04-08

[21] **2,327,708**
[13] A1

[51] **Int.Cl. 6A61K 31/42 6C07D 413/00 6C07D 261/06**
[25] EN
[54] **ANTIOXYDANT STABILIZER SYSTEM FOR PHARMACEUTICAL FORMULATIONS**
[54] **SYSTEME STABILISATEUR ANTIOXYDANT POUR DES FORMULATIONS PHARMACEUTIQUES**
[72] LANG, PHILIP C., US
[71] ROBERTS LABORATORIES INC., US
[85] 2000-10-06
[86] 1998-11-16 (PCT/US98/24471)
[87] 1999-10-21 (WO99/52529)
[30] US (09/057,260) 1998-04-08

[21] **2,327,710**
[13] A1

[51] **Int.Cl. 6H05B 41/38 6H04B 10/10**
[25] EN
[54] **DUAL-USE ELECTRONIC TRANSCEIVER SET FOR WIRELESS DATA NETWORKS**
[54] **APPAREIL EMETTEUR-RECEPTEUR BI-FONCTION POUR RESEAUX NUMERIQUES RADIO**
[72] LEEB, STEVEN B., US
[72] JACKSON, DERON, US
[72] HOVORKA, GEORGE B., US
[72] LUPTON, ELMER C., US
[71] TALKING LIGHTS LLC, US
[85] 2000-10-05
[86] 1999-04-15 (PCT/US99/08432)
[87] 1999-10-21 (WO99/53732)
[30] US (60/081,866) 1998-04-15
[30] US (60/108,287) 1998-11-13
[30] US (60/115,374) 1999-01-11
[30] US (09/291,706) 1999-04-14
[30] US (09/292,126) 1999-04-14
[30] US (09/291,709) 1999-04-14

[21] **2,327,711**
[13] A1

[51] **Int.Cl. 6B21C 9/00 6B21C 3/14**
[25] EN
[54] **METHOD AND DEVICE FOR COATING AND SHAPING STRAND-SHAPED METALLIC MATERIAL BY DRAWING**
[54] **PROCEDE ET DISPOSITIF D'ENDUCTION ET DE DEFORMATION D'UNE MATIERE METALLIQUE EN FORME DE BARRE A DEFORMER PAR ETIRAGE**
[72] HUBNER, ARMIN, DE
[72] KURZE, BERNHARD, DE
[72] WEINHOLD, HARRI, DE
[72] ZSCHORN, GERD, DE
[71] ECOFORM UMFORMTECHNIK GMBH, DE
[85] 2000-10-05
[86] 1999-04-15 (PCT/EP99/02750)
[87] 1999-10-28 (WO99/54066)
[30] DE (198 17 088.2) 1998-04-17

[21] **2,327,712**
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6H04Q 7/26 6H04Q 3/62**
[25] EN
[54] **METHOD FOR SETTING UP A CONNECTION BETWEEN A MOBILE RADIO NETWORK AND A DESTINATION CALL NUMBER IN A PRIVATE COMMUNICATION NETWORK**
[54] **PROCEDE PERMETTANT D'ETABLIR UNE COMMUNICATION ENTRE UN RESEAU DE RADIOPHONIE MOBILE ET UN NUMERO DESTINATAIRE D'UN RESEAU DE COMMUNICATION PRIVE**
[72] DRESSEL, JAN, DE
[72] HAKE, JENS, DE
[71] DETEMOBIL DEUTSCHE TELECOM MOBILNET GMBH, DE
[85] 2000-10-05
[86] 1999-04-01 (PCT/DE99/01022)
[87] 1999-10-14 (WO99/52255)
[30] DE (198 15 430.5) 1998-04-07

PCT Applications Entering the National Phase

[21] **2,327,714**
[13] A1

[51] **Int.Cl. 6C07J 9/00 6C07J 7/00 6C07J 51/00**
[25] EN
[54] **METHOD FOR PRODUCING 4,4-DIMETHYL-5.ALPHA.-CHOLESTA-8,14,24-TRIENE-3.BETA.-OL AND INTERMEDIATE PRODUCTS OBTAINED BY SAID METHOD**
[54] **PROCEDE DE PREPARATION DE 4,4-DIMETHYL-5.ALPHA.-CHOLESTA-8,14,24-TRIEN-3.BETA.-OL ET DE PRODUITS INTERMEDIAIRES OBTENUS SELON LEDIT PROCEDE**
[72] BLUME, THORSTEN, DE
[72] KUHNKE, JOACHIM, DE
[72] ESPERLING, PETER, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2000-10-05
[86] 1999-03-26 (PCT/DE99/01002)
[87] 1999-10-21 (WO99/52930)
[30] DE (198 17 520.5) 1998-04-09
[30] DE (198 23 677.8) 1998-05-20

[21] **2,327,716**
[13] A1

[51] **Int.Cl. 6B01J 13/04 6A61K 9/16**
[25] EN
[54] **METHOD AND DEVICE FOR CAPSULATING MICROBIAL, PLANT AND ANIMAL CELLS OR BIOLOGICAL AND CHEMICAL SUBSTANCES**
[54] **PROCEDE ET DISPOSITIF POUR ENCAPSIDER DES CELLULES MICROBIENNES, VEGETALES ET ANIMALES OU BIEN DES SUBSTANCES BIOLOGIQUES ET CHIMIQUES**
[72] BRANDENBERGER, HARRY, CH
[72] WIDMER, FRITZ, CH
[72] HEINZEN, CHRISTOPH, CH
[72] PLUSS-WENZINGER, RAPHAEL, CH
[71] INOTECH AG, CH
[85] 2000-10-05
[86] 1999-01-14 (PCT/EP99/00162)
[87] 1999-09-10 (WO99/44735)
[30] DE (198 09 965.7) 1998-03-07

[21] **2,327,718**
[13] A1

[51] **Int.Cl. 7A47G 33/08 7G08B 17/11**
[25] EN
[54] **CHRISTMAS ORNAMENT**
[54] **DECORATION DE NOEL**
[72] PRECHEL, OLIVER, US
[72] PRECHEL, MARCO, US
[71] PRECHEL, OLIVER, US
[71] PRECHEL, MARCO, US
[85] 2000-10-05
[86] 2000-02-08 (PCT/IB00/00224)
[87] 2000-08-17 (WO00/47091)
[30] US (60/119,794) 1999-02-11
[30] DE (299 05 767.4) 1999-03-29

[21] **2,327,720**
[13] A1

[51] **Int.Cl. 6H04B 10/10**
[25] EN
[54] **ANALOG AND DIGITAL ELECTRONIC TRANCEIVERS FOR DUAL-USE WIRELESS DATA NETWORKS**
[54] **EMETTEURS-RECEPTEURS ELECTRONIQUES ANALOGIQUES ET NUMERIQUES POUR RESEAUX NUMERIQUES RADIO BI-FONCTION**
[72] HOVORKA, GEORGE B., US
[72] LEEB, STEVEN B., US
[72] LUPTON, ELMER C., US
[72] JACKSON, DERON, US
[71] TALKING LIGHTS LLC, US
[85] 2000-10-05
[86] 1999-04-15 (PCT/US99/08437)
[87] 1999-10-21 (WO99/53633)
[30] US (60/081,866) 1998-04-15
[30] US (60/108,287) 1998-11-13
[30] US (60/115,374) 1999-01-11
[30] US (09/291,706) 1999-04-14
[30] US (09/292,126) 1999-04-14
[30] US (09/291,709) 1999-04-14

[21] **2,327,722**
[13] A1

[51] **Int.Cl. 6H04B 7/005**
[25] EN
[54] **DOWNLINK POWER CONTROL IN A CELLULAR MOBILE RADIO COMMUNICATIONS SYSTEM**
[54] **REGULATION DE LA PUISSANCE D'EMISSION EN LIAISON DESCENDANTE DANS UN SYSTEME DE RADIOCOMMUNICATIONS MOBILE CELLULAIRE**
[72] KNUTSSON, JENS, SE
[72] SUNDELIN, MAGNUS, SE
[72] THORNBERG, CARL MAGNUS, JP
[72] BUTOVITSCH, PETER PAUL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2000-10-05
[86] 1999-03-26 (PCT/SE99/00491)
[87] 1999-10-14 (WO99/52226)
[30] US (09/055,781) 1998-04-07

[21] **2,327,723**
[13] A1

[51] **Int.Cl. 6C07D 493/08 6C07D 307/00 6C07D 311/00 6A61K 31/35**
[25] EN
[54] **BICYCLIC HYDROXAMIC ACID DERIVATIVES**
[54] **DERIVES BICYCLIQUES DE L'ACIDE HYDROXAMIQUE**
[72] ROBINSON, RALPH PELTON, US
[71] PFIZER PRODUCTS INC., US
[85] 2000-10-06
[86] 1999-03-24 (PCT/IB99/00503)
[87] 1999-10-21 (WO99/52910)
[30] US (60/081,309) 1998-04-10

[21] **2,327,726**
[13] A1

[51] **Int.Cl. 6A61F 2/04**
[25] EN
[54] **CARDIAC REMODELING AND REINFORCEMENT DEVICE**
[54] **DISPOSITIF DE REMODELAGE ET DE SOUTIEN CARDIAQUE**
[72] SNYDERS, ROBERT V., US
[71] CARDIO TECHNOLOGIES, INC., US
[85] 2000-10-06
[86] 1999-04-09 (PCT/US99/07726)
[87] 1999-10-21 (WO99/52470)
[30] US (60/081,286) 1998-04-10

Demandes PCT entrant en phase nationale

[21] **2,327,728**
[13] A1

[51] **Int.Cl. 6G07F 7/08 6G07F 7/10**
[25] EN
[54] **SECURED DATA TRANSACTION SYSTEM FOR SMART CARDS**
[54] **SYSTEME DE TRANSACTION DE DONNEES PROTEGE**
[72] ADUK, MOSHE, IL
[72] GILBOA, RONNIE, IL
[72] ITAY, NEHEMYA, IL
[72] BASHAN, ODED, IL
[71] ON TRACK INNOVATIONS LTD., IL
[85] 2000-10-06
[86] 1999-04-06 (PCT/IL99/00192)
[87] 1999-10-21 (WO99/53449)
[30] IL (124008) 1998-04-08

[21] **2,327,729**
[13] A1

[51] **Int.Cl. 6A61K 7/48**
[25] EN
[54] **CREAM COSMETIC BASE WITH POWDERY FEEL**
[54] **CREME DE BASE POUR COSMETIQUES PRESENTANT UN TOUCHER POWDREUX**
[72] MATESEVAC, RONALD A., US
[72] BENNETT, BEATRIZ N., US
[71] AVON PRODUCTS, INC., US
[85] 2000-10-06
[86] 1998-12-21 (PCT/US98/27130)
[87] 1999-09-30 (WO99/48472)
[30] US (09/046,321) 1998-03-23

[21] **2,327,730**
[13] A1

[51] **Int.Cl. 7C08G 63/00 7A61L 27/14**
[25] EN
[54] **SYNTHESIS OF POLY(PROPYLENE FUMARATE) BY ACYLATION OF PROPYLENE GLYCOL IN THE PRESENCE OF A PROTON SCAVENGER**
[54] **SYNTHESE DE POLY(PROPYLENE FUMARATE) PAR ACYLATION DE PROPYLENE GLYCOL EN PRESENCE D'UN INTERCEPTEUR DE PROTONS**
[72] PETER, SUSAN J., US
[72] MIKOS, ANTONIOS G., US
[72] SUGGS, LAURA J., US
[72] ENGEL, PAUL S., US
[71] WM MARSH RICE UNIVERSITY, US
[85] 2000-10-06
[86] 1999-04-09 (PCT/US99/07912)
[87] 1999-10-21 (WO99/52469)
[30] US (60/081,308) 1998-04-10
[30] US (60/081,405) 1998-04-10
[30] US (60/082,182) 1998-04-16

[21] **2,327,731**
[13] A1

[51] **Int.Cl. 6H04M 7/00 6H04Q 7/24**
[25] EN
[54] **METHOD AND SYSTEM FOR SUPPORTING WIRELESS COMMUNICATIONS WITHIN AN INTERNETWORK**
[54] **PROCEDE ET SYSTEME DE PRISE EN CHARGE DE COMMUNICATIONS SANS FIL AU SEIN DE RESEAUX INTERCONNECTES**
[72] KORPI, MARKKU, DE
[72] KOZDON, PETER J., US
[72] JACOBI, ELI, US
[71] SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC., US
[85] 2000-10-06
[86] 1999-02-22 (PCT/US99/03789)
[87] 1999-10-14 (WO99/52265)
[30] US (09/057,352) 1998-04-08

[21] **2,327,732**
[13] A1

[51] **Int.Cl. 6A01N 57/20**
[25] EN
[54] **SYNERGISTIC HERBICIDAL AGENTS BASED ON LEAF HERBICIDES CONTAINING PHOSPHORUS, IMIDAZOLINONES AND HORMONE WEED-KILLERS**
[54] **AGENTS HERBICIDES SYNERGIQUES A BASE D'HERBICIDES AGISSANT SUR LES FEUILLES, D'IMIDAZOLINONES ET D'HERBICIDES ET DE SUBSTANCES DE CROISSANCE COMBINES**
[72] ANTHONYSAMY, DANIEL, MY
[72] JAGDISH SINGH, GILL, MY
[72] OOI, SOON HUAT, MY
[72] KUAH, TAI CHOON, MY
[71] AVENTIS CROPS SCIENCE GMBH, DE
[85] 2000-10-06
[86] 1999-03-30 (PCT/EP99/02187)
[87] 1999-10-21 (WO99/52367)
[30] DE (198 15 820.3) 1998-04-08

[21] **2,327,733**
[13] A1

[51] **Int.Cl. 6G01R 33/28**
[25] EN
[54] **USE OF A HYPERPOLARIZED GAS FOR MRI DETECTION OF REGIONAL VARIATIONS IN OXYGEN UPTAKE FROM THE LUNGS**
[54] **UTILISATION D'UN GAZ HYPERPOLARISE POUR DETECTER PAR IRM LES VARIATIONS DE CONSOMMATION D'OXYGENE DANS DIVERSES REGIONS DES POUMONS**
[72] WEILER, NORBERT, DE
[72] EBERLE, BALTHASAR, DE
[72] DENINGER, ANSELM, DE
[72] ROBERTS, TIMOTHY, US
[72] SURKAU, REINHARD, DE
[72] SCHREIBER, WOLFGANG, DE
[72] HEIL, WERNER, FR
[72] KAUCZOR, HANS-ULRICH, DE
[72] GROSSMAN, TINO, DE
[72] EBERT, MICHAEL, DE
[72] LAUER, LARS, DE
[72] MARKSTALLER, KLAUS, DE
[71] MEDI-PHYSICS INC., US
[85] 2000-10-06
[86] 1999-04-09 (PCT/GB99/01095)
[87] 1999-10-21 (WO99/53332)
[30] GB (9807879.3) 1998-04-09

[21] **2,327,735**
[13] A1

[51] **Int.Cl. 6B60L 13/06**
[25] EN
[54] **SUPPORT STRUCTURE FOR ELEVATED RAILED-VEHICLE GUIDEWAY**
[54] **STRUCTURE DE SUPPORT DESTINEE A UNE VOIE DE GUIDAGE SURELEVEE POUR VEHICULE MONTE SUR RAIL**
[72] SVENSSON, EINAR, US
[71] SVENSSON, EINAR, US
[85] 2000-10-06
[86] 1999-04-08 (PCT/US99/07659)
[87] 1999-10-14 (WO99/51455)
[30] US (60/081,337) 1998-04-08
[30] US (60/107,485) 1998-11-06
[30] US (60/127,818) 1999-04-05

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[21] **2,327,762**
[13] A1

[51] **Int.Cl. 7H04Q 7/32**
[25] EN
[54] **SUPPORT STRUCTURE FOR A MOBILE PHONE**
[54] **STRUCTURE DE SUPPORT POUR UN TELEPHONE MOBILE**
[72] FUJII, HIROYUKI, JP
[71] URBAN GEAR CORPORATION, JP
[85] 2000-10-06
[86] 2000-02-02 (PCT/JP00/00566)
[87] 2001-01-07 ()
[30] JP (TH11-5032) 1999-07-07

[21] **2,327,820**
[13] A1

[51] **Int.Cl. 7B81B 3/00 7H02N 10/00**
[25] EN
[54] **TEMPERATURE COMPENSATED MICROELECTROMECHANICAL STRUCTURES AND METHODS OF COMPENSATING THE EFFECTS OF AMBIENT TEMPERATURE VARIATIONS**
[54] **STRUCTURES MICRO-ELECTROMECHANIQUES A COMPENSATION DE TEMPERATURE ET PROCEDES DE COMPENSATION DE VARIATIONS DE TEMPERATURE AMBIANTE**
[72] WOOD, ROBERT L., US
[72] HILL, EDWARD, US
[72] MAHADEVAN, RAMASWAMY, US
[71] CRONOS INTEGRATED MICROSYSTEMS, INC., US
[85] 2000-10-06
[86] 2000-02-21 (PCT/US00/04389)
[87] 2000-08-31 (WO00/50337)
[30] US (09/261,483) 1999-02-26

[21] **2,327,900**
[13] A1

[51] **Int.Cl. 6E05B 49/00 6E05B 47/00**
[25] FR
[54] **SERRURE ELECTRONIQUE CODEE POUR PORTE ET FENETRE**
[54] **CODED ELECTRONIC LOCK FOR DOORS AND WINDOWS**
[72] GODOY, ALAIN, FR
[72] GODOY, ANDRE, FR
[71] GODOY, ALAIN, FR
[85] 2000-09-23
[86] 1998-04-03 (PCT/FR98/00677)
[87] 1998-10-08 (WO98/44225)
[30] FR (97/04073) 1997-04-03

[21] **2,327,926**
[13] A1

[51] **Int.Cl. 6C07D 405/04**
[25] EN
[54] **OXIDATION PROCESS USING PERIODIC ACID**
[54] **PROCEDE D'OXYDATION AU MOYEN D'ACIDE PERIODIQUE**
[72] SONG, ZHIGUO, US
[72] TSCHAEN, DAVID M., US
[72] ZHAO, MANGZU, US
[85] 2000-10-06
[71] MERCK & CO., INC., US
[86] 1999-04-05 (PCT/US99/07468)
[87] 1999-10-21 (WO99/52899)
[30] US (60/081,446) 1998-04-09
[30] GB (9810179.3) 1998-05-13

[21] **2,327,928**
[13] A1

[51] **Int.Cl. 6C07C 63/36 6C07D 221/02 6C07C 233/58 6C07C 69/74 6C07C 69/76**
[25] EN
[54] **PHOSPHATE-MEDIATED CYCLIZATION**
[54] **CYCLISATION PAR L'INTERMEDIAIRE D'UN PHOSPHATE**
[72] ZHAO, MANGZU, US
[72] SONG, ZHIGUO, US
[72] TSCHAEN, DAVID M., US
[72] TILLYER, RICHARD D., US
[71] MERCK & CO., INC., US
[85] 2000-10-06
[86] 1999-04-05 (PCT/US99/07467)
[87] 1999-10-21 (WO99/52851)
[30] US (60/081,250) 1998-04-09
[30] GB (9810175.1) 1998-05-13

[21] **2,327,929**
[13] A1

[51] **Int.Cl. 6C07C 51/29 6C07C 45/30**
[25] EN
[54] **OXIDATION PROCESS USING PERIODIC ACID**
[54] **PROCEDE D'OXYDATION AU MOYEN D'ACIDE PERIODIQUE**
[72] TSCHAEN, DAVID M., US
[72] SONG, ZHIGUO, US
[72] LI, JING, US
[72] ZHAO, MANGZU, US
[71] MERCK & CO., INC., US
[85] 2000-10-06
[86] 1999-04-05 (PCT/US99/07439)
[87] 1999-10-21 (WO99/52850)
[30] US (60/081,273) 1998-04-09
[30] GB (9810185.0) 1998-05-13

[21] **2,327,931**
[13] A1

[51] **Int.Cl. 6C07D 405/04 6C07D 221/04**
[25] EN
[54] **OXIDATION PROCESS USING TEMPO**
[54] **PROCEDE D'OXYDATION AU MOYEN DE TEMPO**
[72] MANO, EIICHI, JP
[72] ZHAO, MANGZU, US
[72] DEVINE, PAUL N., US
[72] SONG, ZHIGUO, US
[72] TSCHAEN, DAVID M., US
[71] MERCK & CO., INC., US
[71] BANYU PHARMACEUTICAL CO., LTD., JP
[85] 2000-10-06
[86] 1999-04-05 (PCT/US99/07469)
[87] 1999-10-21 (WO99/52900)
[30] US (60/081,196) 1998-04-09
[30] GB (9810186.8) 1998-05-13

[21] **2,327,933**
[13] A1

[51] **Int.Cl. 6C08J 9/00 6C08L 23/04 6C08L 25/04 6C08L 23/06 6C08J 9/14**
[25] EN
[54] **A FOAMABLE COMPOSITION USING HIGH DENSITY POLYETHYLENE**
[54] **COMPOSITION POUR LA PRODUCTION DE MOUSSE A BASE DE POLYETHYLENE HAUTE DENSITE**
[72] KISNER, RONNIE D., US
[72] WILKES, GARY R., US
[72] STIMLER, JEFFREY J., US
[71] PACTIV PROTECTIVE PACKAGING INC., US
[85] 2000-10-06
[86] 1999-04-06 (PCT/US99/07529)
[87] 1999-10-14 (WO99/51667)
[30] US (09/056,401) 1998-04-07

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,327,934 [13] A1</p> <p>[51] Int.Cl. 6G01F 11/00 [25] EN [54] INCREMENTALLY HEATED FLUID DISPENSER WITH NON-VOLATILE CONSTITUENT PARTS [54] DISTRIBUTEUR DE FLUIDE SANS CONSTITUANT VOLATIL, A CHAUFFAGE PROGRESSIF [72] GEBHARD, ALBERT W., US [72] HACKETT, KATHLEEN A., US [72] KREITEMIER, RICKIE F., US [71] NEW SENSATIONS, L.L.C., US [85] 2000-10-06 [86] 1999-04-06 (PCT/US99/07540) [87] 1999-10-14 (WO99/51947) [30] US (60/080,935) 1998-04-06</p>	<p style="text-align: right;">[21] 2,327,940 [13] A1</p> <p>[51] Int.Cl. 6H01M 8/12 6B28B 11/00 6H01M 4/86 [25] EN [54] METHOD OF MAKING CLOSED END CERAMIC FUEL CELL TUBES [54] PROCEDE DE FABRICATION DE TUBES EN CERAMIQUE A EXTREMITE FERMEE POUR PILES A COMBUSTIBLE [72] BORGLUM, BRIAN P., US [71] SIEMENS WESTINGHOUSE POWER CORPORATION, US [85] 2000-10-06 [86] 1999-04-09 (PCT/US99/07806) [87] 1999-10-28 (WO99/54949) [30] US (09/058,069) 1998-04-09</p>	<p style="text-align: right;">[21] 2,328,063 [13] A1</p> <p>[51] Int.Cl. 6H04J 3/14 [25] EN [54] MISMATCH DETECTION IN SDH FRAME TRACE IDENTIFIERS [54] DETECTION DE NON-CONCORDANCES DANS DES IDENTIFICATEURS DE SUIVI DE TRAME HNS [72] TRAVERSO, GIOVANNI, IT [72] RAZZETTI, LUCA, IT [72] LOMETTI, ALBERTO, IT [72] CARDILLO, ROBERTO, IT [71] ALCATEL, FR [85] 2000-10-10 [86] 1999-03-26 (PCT/EP99/02414) [87] 1999-10-21 (WO99/53641) [30] IT (TO98A000323) 1998-04-15</p>
<p style="text-align: right;">[21] 2,327,938 [13] A1</p> <p>[51] Int.Cl. 6C07K 5/075 6A23L 1/236 [25] EN [54] ASPARTYL DIPEPTIDE ESTER DERIVATIVES AND SWEETENERS [54] DERIVES D'ESTER ASPARTYL DIPEPTIDIQUE ET AGENTS EDULCORANTS [72] NAKAMURA, RYOICHIRO, JP [72] TAKEMOTO, TADASHI, JP [72] AMINO, YUSUKE, JP [72] YUZAWA, KAZUKO, JP [71] AJINOMOTO CO., INC., JP [85] 2000-10-06 [86] 1999-03-11 (PCT/JP99/01210) [87] 1999-10-21 (WO99/52937) [30] JP (10/97701) 1998-04-09 [30] JP (11/38190) 1999-02-17</p>	<p style="text-align: right;">[21] 2,327,941 [13] A1</p> <p>[51] Int.Cl. 6H01M 8/06 6H01M 8/04 6H01M 8/12 6H01M 8/14 6H01M 8/24 [25] EN [54] METHOD OF CONVERTING A CARBON-COMPRISING MATERIAL, METHOD OF OPERATING A FUEL CELL STACK, AND A FUEL CELL [54] PROCEDE SERVANT A CONVERTIR UN MATERIAU CONTENANT DU CARBONE, PROCEDE DE MISE EN SERVICE D'UN EMPILEMENT DE PILES A COMBUSTIBLE ET PILE A COMBUSTIBLE [72] HEMMES, KLAAS, NL [71] TECHNISCHE UNIVERSITEIT DELFT, NL [85] 2000-10-06 [86] 1999-04-07 (PCT/NL99/00207) [87] 1999-10-14 (WO99/52166) [30] NL (1008832) 1998-04-07</p>	<p style="text-align: right;">[21] 2,328,064 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/39 [25] EN [54] CATHETER HAVING COMMON LEAD FOR ELECTRODE AND SENSOR [54] CATHETER POSSEDANT UN CONDUCTEUR COMMUN POUR UNE ELECTRODE ET UN CAPTEUR [72] SIMPSON, JOHN A., US [72] SHERMAN, MARSHALL L., US [71] CARDIAC PACEMAKERS, INC., US [85] 2000-10-10 [86] 1999-04-28 (PCT/US99/09199) [87] 1999-11-11 (WO99/56649) [30] US (09/072,800) 1998-05-05</p>
<p style="text-align: right;">[21] 2,327,939 [13] A1</p> <p>[51] Int.Cl. 6H01M 8/12 6B28B 3/26 6H01M 4/86 [25] EN [54] FUEL CELL TUBES AND METHOD OF MAKING SAME [54] TUBES POUR PILES A COMBUSTIBLE ET PROCEDE DE FABRICATION DESDITS TUBES [72] BORGLUM, BRIAN P., US [71] SIEMENS WESTINGHOUSE POWER CORPORATION, US [85] 2000-10-06 [86] 1999-04-09 (PCT/US99/07830) [87] 1999-10-28 (WO99/54947) [30] US (09/058,067) 1998-04-09</p>	<p style="text-align: right;">[21] 2,328,065 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/30 [25] EN [54] MECHANISM FOR SUPPORTING ELECTRONIC TEXT SEARCH [54] MECANISME PRENANT EN CHARGE UNE RECHERCHE TEXTUELLE ELECTRONIQUE [72] EEROLA, TUOMAS, FI [72] MAKINEN, SAMI J., FI [71] ALMA MEDIA OYJ, FI [85] 2000-10-10 [86] 2000-02-09 (PCT/FI00/00091) [87] 2000-08-17 (WO00/48093) [30] FI (990286) 1999-02-12</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,328,067 [13] A1</p> <p>[51] Int.Cl. 6F16D 31/02 [25] EN [54] PNEUMATIC ENGINE [54] MOTEUR PNEUMATIQUE [72] REHKEMPER, JEFFREY G., US [72] HARARY, RONNEN, CA [71] SPIN MASTER TOYS, LTD., CA [71] KOWNACKI, CHARLES D., US [85] 2000-10-10 [86] 1999-04-07 (PCT/US99/07645) [87] 1999-10-21 (WO99/53211) [30] US (60/081,045) 1998-04-09 [30] US (09/178,595) 1998-10-26</p>	<p style="text-align: right;">[21] 2,328,070 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/39 [25] EN [54] RF ABLATION APPARATUS HAVING HIGH OUTPUT IMPEDANCE DRIVERS [54] DISPOSITIF D'ABLATION HAUTE FREQUENCE POSSEDANT DES CIRCUITS D'ATTAQUE PRESENTANT UNE IMPEDANCE DE SORTIE ELEVEE [72] SHERMAN, MARSHALL L., US [71] CARDIAC PACEMAKERS, INC., US [85] 2000-10-10 [86] 1999-04-28 (PCT/US99/09187) [87] 1999-11-11 (WO99/56647) [30] US (09/073,112) 1998-05-05</p>	<p style="text-align: right;">[21] 2,328,073 [13] A1</p> <p>[51] Int.Cl. 6A61K 45/06 [25] EN [54] METHODS AND COMPOSITIONS USING CETIRIZINE IN COMBINATION WITH LEUKOTRIENE INHIBITORS FOR TREATING CONDITIONS RESPONSIVE TO LEUKOTRIENE INHIBITION [54] METHODS, ET COMPOSITIONS AFFERENTES, D'UTILISATION DE CETIRIZINE EN COMBINAISON AVEC DES INHIBITEURS DE LEUCOTRIENE POUR TRAITER DES TROUBLES CONSECUTIFS A L'INHIBITION DE LEUCOTRIENE [72] RUBIN, PAUL D., US [71] SEPRACOR INC., US [85] 2000-10-10 [86] 1999-04-13 (PCT/US99/08076) [87] 1999-10-21 (WO99/52553) [30] US (09/059,571) 1998-04-14</p>
<p style="text-align: right;">[21] 2,328,068 [13] A1</p> <p>[51] Int.Cl. 6A61N 5/06 [25] EN [54] LASER TREATMENT COOLING HEAD [54] TETE DE REFROIDISSEMENT POUR TRAITEMENT LASER [72] WHITCROFT, IAN ANDREW, US [72] MCMAHON, RICHARD ANTHONY, GB [71] WHITCROFT, IAN ANDREW, US [71] MCMAHON, RICHARD ANTHONY, GB [85] 2000-10-10 [86] 1999-04-09 (PCT/GB99/01102) [87] 1999-10-21 (WO99/52594) [30] GB (9807789.4) 1998-04-09 [30] GB (9807793.6) 1998-04-09</p>	<p style="text-align: right;">[21] 2,328,071 [13] A1</p> <p>[51] Int.Cl. 6G01S 5/02 6H04B 11/00 [25] EN [54] WAVE SOURCE DIRECTION DETERMINATION WITH SENSOR ARRAY [54] DETERMINATION DE LA DIRECTION D'UNE SOURCE D'ONDES AU MOYEN D'UN ENSEMBLE CAPTEURS [72] MARASH, JOSEPH, IL [71] ANDREA ELECTRONICS CORPORATION, US [85] 2000-10-10 [86] 1999-04-13 (PCT/US99/08012) [87] 1999-10-21 (WO99/53336) [30] US (09/059,503) 1998-04-13</p>	<p style="text-align: right;">[21] 2,328,074 [13] A1</p> <p>[51] Int.Cl. 6A61K 45/06 [25] EN [54] METHODS AND COMPOSITIONS USING TERFENADINE METABOLITES IN COMBINATION WITH LEUKOTRIENE INHIBITORS [54] METHODS ET COMPOSITIONS D'UTILISATION DE METABOLITES DE TERFENADINE EN COMBINAISON AVEC DES INHIBITEURS DE LEUCOTRIENE [72] RUBIN, PAUL D., US [71] SEPRACOR INC., US [85] 2000-10-10 [86] 1999-04-13 (PCT/US99/08077) [87] 1999-10-21 (WO99/52554) [30] US (09/059,570) 1998-04-14</p>
<p style="text-align: right;">[21] 2,328,069 [13] A1</p> <p>[51] Int.Cl. 6B01L 7/00 6G01N 35/00 [25] EN [54] AUTOMATED DIAGNOSTIC ANALYZER AND METHOD [54] ANALYSEUR AUTOMATISE POUR DIAGNOSTICS ET PROCEDE CORRESPONDANT [72] SMITH, ROBERT J., US [72] AMMANN, KELLY G., US [72] JAKUB, CHERYL A., US [72] KLING, JOHN E., US [72] SCHNEIDER, ROBERT E., US [72] HANSBERRY, ERNEST V., US [72] HORNER, GLENN A., US [72] NIEGLOS, DONALD J., US [72] BURNS, RALPH E., US [71] GEN-PROBE INCORPORATED, US [85] 2000-10-10 [86] 1999-04-30 (PCT/US99/09343) [87] 1999-11-11 (WO99/57561) [30] US (60/083,927) 1998-05-01</p>	<p style="text-align: right;">[21] 2,328,072 [13] A1</p> <p>[51] Int.Cl. 7A63B 37/12 7A63B 37/14 [25] EN [54] GOLF BALL WITH DIMPLE PATTERNS HAVING DEPTH PROGRESSION [54] BALLE DE GOLF COMPORTANT DES MOTIFS D'ALVEOLES PRESENTANT UNE PROGRESSION DE PROFONDEUR [72] SULLIVAN, MICHAEL J., US [71] SPALDING SPORTS WORLDWIDE, INC., US [85] 2000-10-10 [86] 2000-02-10 (PCT/US00/03387) [87] 2000-08-17 (WO00/47288) [30] US (09/247,948) 1999-02-11</p>	

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,328,075 [13] A1</p> <p>[51] Int.Cl. 6A61K 45/06 [25] EN [54] METHODS AND COMPOSITIONS USING NORASTEMIZOLE IN COMBINATION WITH LEUKOTRIENE INHIBITORS [54] METHODES ET COMPOSITIONS D'UTILISATION DE NORASTEMIZOLE EN COMBINAISON AVEC DES INHIBITEURS DE LEUCOTRIENE [72] RUBIN, PAUL D., US [71] SEPRACOR INC., US [85] 2000-10-10 [86] 1999-04-13 (PCT/US99/08078) [87] 1999-10-21 (WO99/52555) [30] US (09/059,572) 1998-04-14</p>	<p style="text-align: right;">[21] 2,328,079 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/68 6C07K 16/00 [25] EN [54] METHOD TO DETECT BIOLOGICALLY ACTIVE, ALLERGEN-SPECIFIC IMMUNOGLOBULINS [54] PROCEDE DE DETECTION D'IMMUNOGLOBULINES SPECIFIQUES AUX ALLERGENES, BIOLOGIQUEMENT ACTIVES [72] WASSOM, DONALD L., US [72] DE WECK, ALAIN J., CH [71] HESKA CORPORATION, US [85] 2000-10-10 [86] 1999-04-06 (PCT/US99/07530) [87] 1999-10-14 (WO99/51988) [30] US (60/081,089) 1998-04-08 [30] US (60/099,776) 1998-09-10</p>	<p style="text-align: right;">[21] 2,328,083 [13] A1</p> <p>[51] Int.Cl. 6B32B 5/16 [25] EN [54] NON-ASBESTOS INSULATION FOR ROCKET MOTOR CASING [54] ISOLATION NON EN AMIANTE POUR ENVELOPPE DE PROPULSEUR A Poudre de fusée [72] SKOLNIK, EDWARD G., US [72] DAVIDSON, THOMAS F., US [72] PENNINGTON, WILLIAM L., US [71] ATLANTIC RESEARCH CORPORATION, US [85] 2000-10-10 [86] 1999-04-14 (PCT/US99/06526) [87] 1999-12-02 (WO99/61238) [30] US (09/059,560) 1998-04-14</p>
<p style="text-align: right;">[21] 2,328,077 [13] A1</p> <p>[51] Int.Cl. 6F01B 31/00 [25] EN [54] PNEUMATIC TOOL AND AIR DEFLECTOR BOOT THEREFOR [54] OUTIL PNEUMATIQUE ET ELEMENT DEFLECTEUR D'AIR ADAPTE [72] PUSATERI, DANIEL S., US [71] SNAP-ON TOOLS COMPANY, US [85] 2000-10-10 [86] 1999-10-14 (PCT/US99/23947) [87] 2000-08-17 (WO00/47872) [30] US (09/248,888) 1999-02-11</p>	<p style="text-align: right;">[21] 2,328,080 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/50 [25] EN [54] WETTABLE MICROCAPSULES HAVING HYDROPHOBIC POLYMER COATED CORES [54] MICROCAPSULES POUVANT S'HUMECTER ET COMPORTANT UN NOYAU ENROBE DE POLYMERE HYDROPHOBE [72] MAPELLI, LUIGI GIOVANNI, IT [72] GENTILINI, LEONARDO, IT [72] DE LUIGI BRUSCHI, STEFANO, IT [72] CALANCHI, MASSIMO MARIA, IT [71] EURAND INTERNATIONAL S.P.A., IT [85] 2000-10-10 [86] 1999-04-09 (PCT/EP99/02430) [87] 1999-10-21 (WO99/52510) [30] EP (98106521.2) 1998-04-09</p>	<p style="text-align: right;">[21] 2,328,084 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/86 6C12M 3/00 6C12N 5/10 [25] EN [54] VIRAL PRODUCTION PROCESS [54] PROCESSUS DE PRODUCTION DE VECTEURS VIRAUX [72] GIROUX, DANIEL D., US [72] GOUDREAU, ANN M., US [72] SHABRAM, PAUL W., US [72] RAMACHANDRA, MURALIDHARA, US [71] CANJI, INC., US [85] 2000-10-10 [86] 1999-05-04 (PCT/US99/09813) [87] 1999-11-11 (WO99/57297) [30] US (09/073,076) 1998-05-04</p>
<p style="text-align: right;">[21] 2,328,078 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/30 [25] EN [54] INCREASING CAPACITY IN A CELLULAR COMMUNICATIONS SYSTEM BY CHANGE OF TRAFFIC CHANNEL RATE [54] AMELIORATION DE LA CAPACITE DE COMMUNICATIONS CELLULAIRES EN MODIFIANT LE DEBIT DE VOIES DE TRAFIC [72] BALCK, KENNETH, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-10-10 [86] 1999-03-05 (PCT/SE99/00337) [87] 1999-10-21 (WO99/53700) [30] US (09/058,282) 1998-04-10</p>	<p style="text-align: right;">[21] 2,328,082 [13] A1</p> <p>[51] Int.Cl. 6H04L 29/06 6G06F 17/00 [25] EN [54] COMPUTER SYSTEM FOR MANAGING LINKS AND METHOD USING SAID SYSTEM [54] SYSTEME INFORMATIQUE DE GESTION DES LIENS ET PROCEDE METTANT EN OEUVRE LEDIT SYSTEME [72] JEANNIN, FRANCK, GB [71] LINKGUARD LTD., GB [85] 2000-10-10 [86] 1999-04-13 (PCT/FR99/00861) [87] 1999-10-21 (WO99/53669) [30] FR (98/04660) 1998-04-15</p>	<p style="text-align: right;">[21] 2,328,085 [13] A1</p> <p>[51] Int.Cl. 6C07J 17/00 [25] EN [54] SOLID DISPERSION CONTAINING SIALIC ACID DERIVATIVE [54] DISPERSION SOLIDE CONTENANT UN DERIVE D'ACIDE SIALIQUE [72] INAMORI, TAKESHI, JP [72] FUJIMURA, YOSHIYUKI, JP [72] TAKAHASHI, CHIKAKO, JP [71] MITSUBISHI CHEMICAL CORPORATION, JP [85] 2000-10-10 [86] 1999-04-09 (PCT/JP99/01907) [87] 1999-10-21 (WO99/52931) [30] JP (10/98899) 1998-04-10</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,328,087 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/86 6C12N 5/10 [25] EN [54] PARTIALLY DELETED ADENOVIRAL VECTORS [54] VECTEURS ADENOVIRAUX A DELETION PARTIELLE [72] SCARIA, ABRAHAM, US [72] WADSWORTH, SAMUEL C., US [71] GENZYME CORPORATION, US [85] 2000-10-10 [86] 1999-04-30 (PCT/US99/09590) [87] 1999-11-11 (WO99/57296) [30] US (60/083,841) 1998-05-01 [30] US (60/118,118) 1999-02-01</p>	<p style="text-align: right;">[21] 2,328,089 [13] A1</p> <p>[51] Int.Cl. 6G02F 1/03 [25] EN [54] HIGH-SPEED ELECTRO-OPTIC MODULATOR [54] MODULATEUR ELECTRO-OPTIQUE ULTRARAPIDE [72] JIANG, HUA, US [72] WANG, GARY Y., US [72] MELMAN, PAUL, US [72] ZOU, KEVIN, US [72] WANG, FEILING, US [72] ZHANG, RUN, US [72] CHEN, QIUSHUI, US [72] TSANG, DEAN, US [72] ZHAO, JING, US [71] CORNING APPLIED TECHNOLOGIES, US [85] 2000-10-10 [86] 1999-04-08 (PCT/US99/07761) [87] 1999-12-29 (WO99/67679) [30] US (60/081,011) 1998-04-08 [30] US (09/158,224) 1998-09-22 [30] US (60/117,386) 1999-01-27</p>	<p style="text-align: right;">[21] 2,328,092 [13] A1</p> <p>[51] Int.Cl. 7C08B 37/00 [25] EN [54] METHOD OF ISOLATING MUCILAGINOUS POLYSACCHARIDES AND USES THEREOF [54] PROCEDE SERVANT A ISOLER DES POLYSACCHARIDES MUCILAGINEUX ET LEURS UTILISATIONS [72] VITTORI, NATALE, US [71] VITO-MANNAN POLYSACCHARIDE L.L.C., US [71] VITTORI, NATALE, US [85] 2000-10-10 [86] 2000-01-11 (PCT/US00/00759) [87] 2000-07-20 (WO00/41541) [30] US (60/115,619) 1999-01-12</p>
<p style="text-align: right;">[21] 2,328,088 [13] A1</p> <p>[51] Int.Cl. 6C10G 11/18 [25] EN [54] FLUID CATALYTIC CRACKING PROCESS FOR CONVERTING A PLURALITY OF FEEDS [54] PROCEDE DE CRAQUAGE CATALYTIQUE FLUIDE PERMETTANT DE TRANSFORMER PLUSIEURS CHARGES D'ALIMENTATION [72] FUNG, SHUN CHONG, US [72] LETA, DANIEL PAUL, US [72] STUNTZ, GORDON FREDERICK, US [72] WELCH, ROBERT CHARLES WILLIAM, US [72] HO, TEH CHUNG, US [71] EXXON RESEARCH AND ENGINEERING COMPANY, US [85] 2000-10-10 [86] 1999-03-30 (PCT/US99/06928) [87] 1999-11-04 (WO99/55801) [30] US (09/067,869) 1998-04-28 [30] US (09/231,697) 1999-01-14</p>	<p style="text-align: right;">[21] 2,328,090 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/60 [25] EN [54] METHOD FOR INCREASING THE EFFICIENCY OF TRADE [54] PROCEDE PERMETTANT D'AUGMENTER L'EFFICACITE DU COMMERCE [72] VALTANEN, JARKKO, FI [71] VALTANEN, JARKKO, FI [85] 2000-10-10 [86] 1999-02-12 (PCT/FI99/00109) [87] 1999-11-04 (WO99/56231) [30] FI (980939) 1998-04-29</p>	<p style="text-align: right;">[21] 2,328,093 [13] A1</p> <p>[51] Int.Cl. 6F16L 58/10 6F16L 59/02 6F16L 55/033 [25] EN [54] FLEXIBLE PROTECTIVE SLEEVE [54] GAINE DE PROTECTION FLEXIBLE [72] WILLIAMS, RICHARD STUART, GB [72] DAVENPORT, ADRIAN CHARLES, GB [71] FEDERAL-MOGUL TECHNOLOGY LIMITED, GB [85] 2000-10-10 [86] 1999-03-15 (PCT/GB99/00771) [87] 1999-10-28 (WO99/54654) [30] GB (9808290.2) 1998-04-18</p>
		<p style="text-align: right;">[21] 2,328,094 [13] A1</p> <p>[51] Int.Cl. 6H01L 27/00 6H01L 51/20 [25] EN [54] POLYMER DEVICES [54] DISPOSITIFS POLYMERES [72] TESSLER, NIR, GB [72] FRIEND, RICHARD HENRY, GB [72] SIRRINGHAUS, HENNING, GB [71] CAMBRIDGE DISPLAY TECHNOLOGY LIMITED, GB [85] 2000-10-10 [86] 1999-04-16 (PCT/GB99/01176) [87] 1999-10-28 (WO99/54936) [30] GB (9808061.7) 1998-04-16</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,328,095 [13] A1</p> <p>[51] Int.Cl. 6A41B 13/10 [25] EN [54] DISPOSABLE BIB HAVING AN EXTENSIBLE NECK OPENING [54] BAVOIR A JETER A OUVERTURE POUR LE COU ETIRABLE [72] LAMPSON, PATRICIA LEE, US [72] GUPTA, AMIT, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-10-10 [86] 1999-04-14 (PCT/US99/08182) [87] 1999-10-21 (WO99/52385) [30] US (09/060,133) 1998-04-14</p>	<p style="text-align: right;">[21] 2,328,100 [13] A1</p> <p>[51] Int.Cl. 6A61J 3/10 [25] EN [54] TABLET PRODUCTION METHOD AND TABLET [54] COMPRIME ET PROCEDES DE FABRICATION DE COMPRIME [72] GOTO, TOMOHIKO, JP [72] WATANABE, YASUSHI, JP [72] MORIMOTO, HIROYUKI, JP [72] MORIMOTO, KIYOSHI, JP [72] HAYAKAWA, EIJI, JP [72] OHTA, MOTOHIRO, JP [71] KYOWA HAKKO KOGYO CO., LTD., JP [85] 2000-10-10 [86] 1999-04-09 (PCT/JP99/01939) [87] 1999-10-21 (WO99/52492) [30] JP (10-98635) 1998-04-10</p>	<p style="text-align: right;">[21] 2,328,104 [13] A1</p> <p>[51] Int.Cl. 6B01F 17/00 6A61K 7/00 6A61K 7/06 6A61K 7/15 6B01F 17/16 6B01F 17/30 [25] EN [54] POLYMERIC DIFUNCTIONAL CATIONIC EMOLLIENTS AND CONDITIONERS FOR USE IN COSMETIC, PERSONAL CARE AND HOUSEHOLD PRODUCTS [54] EMOLLIENTS CATIONIQUES DIFONCTIONNELS POLYMERES ET CONDITIONNEURS UTILISES DANS DES PRODUITS COSMETIQUES, DE SOIN PERSONNEL ET MENAGERS [72] KENNEY, MADELINE, US [72] OBEJI, JOHN, US [72] MOSQUERA, MICHAEL, US [72] ZOFCHAK, ALBERT, US [71] ALZO, INC., US [85] 2000-10-10 [86] 1999-04-14 (PCT/US99/08143) [87] 1999-10-28 (WO99/54027) [30] US (09/062,860) 1998-04-20</p>
<p style="text-align: right;">[21] 2,328,098 [13] A1</p> <p>[51] Int.Cl. 6H04L 27/04 [25] EN [54] SYSTEM, DEVICE AND METHOD FOR IMPROVING A DEFINED PROPERTY OF TRANSFORM-DOMAIN SIGNALS [54] SYSTEME, DISPOSITIF VISANT A AMELIORER UNE PROPRIETE DEFINIE DE SIGNAUX DU DOMAINE DES TRANSFORMEES [72] YANG, JIAN, US [72] EUYBOGLU, M. VEDAT, US [72] KSCHISCHANG, FRANK ROBERT, CA [72] NARULA, ARADHANA, US [71] MOTOROLA, INC., US [85] 2000-10-10 [86] 1999-04-09 (PCT/US99/07841) [87] 1999-10-21 (WO99/53663) [30] US (09/058,671) 1998-04-10 [30] US (09/075,086) 1998-05-08</p>	<p style="text-align: right;">[21] 2,328,101 [13] A1</p> <p>[51] Int.Cl. 7H04L 9/00 7H04L 9/30 [25] EN [54] METHOD FOR VERIFYING THE USE OF PUBLIC KEYS GENERATED BY AN ON-BOARD SYSTEM [54] PROCEDE DE VERIFICATION DE L'USAGE DE CLES PUBLIQUES ENGENDREES PAR UN SYSTEME EMBARQUE [72] PINKAS, DENIS, FR [71] BULL S.A., FR [85] 2000-10-10 [86] 2000-02-10 (PCT/FR00/00332) [87] 2000-08-17 (WO00/48355) [30] FR (99/01652) 1999-02-11</p>	<p style="text-align: right;">[21] 2,328,105 [13] A1</p> <p>[51] Int.Cl. 6B29C 44/08 [25] EN [54] METHOD AND SYSTEM FOR FORMING LOW-DENSITY POLYMER FOAM ARTICLE [54] PROCEDE ET SYSTEME PERMETTANT DE FACONNER DES ARTICLES EN MOUSSE POLYMERE DE FAIBLE DENSITE [72] HARFMANN, WALTER R., US [71] GENPAK, L.L.C., US [85] 2000-10-10 [86] 1998-08-03 (PCT/US98/16192) [87] 1999-11-04 (WO99/55513) [30] US (09/067,727) 1998-04-28</p>
<p style="text-align: right;">[21] 2,328,099 [13] A1</p> <p>[51] Int.Cl. 7B29C 39/10 7B29C 37/00 7G01N 1/00 7G01N 1/36 [25] EN [54] METHOD FOR PREPARATION OF TEST BODIES [54] PROCEDE DE PREPARATION DE CORPS DE TEST [72] STALBERG, SVEN-OLOF, SE [71] VOLVO AERO CORPORATION, SE [85] 2000-10-10 [86] 2000-02-11 (PCT/SE00/00280) [87] 2000-08-24 (WO00/48811) [30] SE (9900538-1) 1999-02-17</p>	<p style="text-align: right;">[21] 2,328,103 [13] A1</p> <p>[51] Int.Cl. 6A01N 43/90 6A01N 25/00 6A01N 59/02 6A01N 47/14 6A01N 37/34 [25] EN [54] METHOD FOR CONTROLLING ROOT GROWTH USING DIQUAT BROMIDE [54] PROCEDE PERMETTANT D'ENRAYER LA POUSSE DES RACINES A L'AIDE DE BROMURE DE DIQUAT [72] DUKE, KEVIN, US [72] MALAVENDA, ANTHONY, US [71] DUKE, KEVIN, US [71] MALAVENDA, ANTHONY, US [85] 2000-10-10 [86] 1999-04-08 (PCT/US99/07748) [87] 1999-10-28 (WO99/53759) [30] US (09/064,560) 1998-04-22</p>	

PCT Applications Entering the National Phase

[21] **2,328,106**
[13] A1
[51] **Int.Cl. 6C01B 15/023 6C07C 50/16**
[25] EN
[54] **METHOD FOR PRODUCING HYDROGEN PEROXIDE AND REACTION CARRIERS FOR CARRYING OUT THE METHOD**
[54] **PROCEDE POUR PREPARER DU PEROXYDE D'HYDROGENE ET SUPPORT DE REACTION UTILISE POUR LE METTRE EN OEUVRE**
[72] STAAB, EUGEN, DE
[72] ANGERT, HUBERT, DE
[72] GLENNEBERG, JURGEN, DE
[72] GOOR, GUSTAAF, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[85] 2000-10-10
[86] 1999-03-20 (PCT/EP99/01972)
[87] 1999-10-21 (WO99/52819)
[30] DE (198 16 297.9) 1998-04-11

[21] **2,328,123**
[13] A1
[51] **Int.Cl. 6C07C 251/22**
[25] EN
[54] **PREPARATION OF QUINONEIMINES FROM HYDROXYPHENYLAMINES USING A HYPOCHLORITE AS AN OXIDATION AGENT**
[54] **PREPARATION DE QUINONEIMINES A PARTIR D'HYDROXYPHENYLAMINES PAR UTILISATION D'HYPOCHLORITE COMME AGENT D'OXYDATION**
[72] LODAYA, JAYANT S., US
[72] FIELDS, DONALD L., JR., US
[71] FLEXSYS AMERICA L.P., US
[85] 2000-10-10
[86] 1999-04-06 (PCT/IB99/00597)
[87] 1999-10-21 (WO99/52860)
[30] US (60/081,281) 1998-04-10

[21] **2,328,125**
[13] A1
[51] **Int.Cl. 6D21C 9/10 6D21C 5/00 6D06P 5/13**
[25] EN
[54] **OXIDASE PROCESS FOR PULP AND DYE OXIDATION**
[54] **PROCEDE AUX OXYDASES POUR OXYDATION DE PATE A PAPIER ET DE COLORANTS**
[72] LEECH, DONAL, IE
[72] ROCHEFORT, DOMINIC, CA
[72] RENAUD, SYLVIE, CA
[72] BOURBONNAIS, ROBERT, CA
[72] PAICE, MICHAEL G., CA
[71] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA
[71] UNIVERSITE OF MONTREAL, CA
[85] 2000-10-10
[86] 1999-04-13 (PCT/CA99/00319)
[87] 1999-10-28 (WO99/54545)
[30] US (60/081,910) 1998-04-16

[21] **2,328,107**
[13] A1
[51] **Int.Cl. 6C01B 15/029 6B01J 8/02**
[25] EN
[54] **METHOD FOR PRODUCING HYDROGEN PEROXIDE BY DIRECT SYNTHESIS**
[54] **PROCEDE DE PRODUCTION DE PEROXYDE D'HYDROGENE PAR SYNTHESE DIRECTE**
[72] WILDNER, WERNER, DE
[72] SCHUTTE, RUDIGER, DE
[72] ROLLMANN, JURGEN, DE
[72] BALDUF, TORSTEN, DE
[72] HEMME, INA, DE
[72] BERTSCH-FRANK, BIRGIT, DE
[72] BECKER-BALFANZ, CATRIN, DE
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[85] 2000-10-10
[86] 1999-03-31 (PCT/EP99/02372)
[87] 1999-10-21 (WO99/52820)
[30] DE (198 16 296.0) 1998-04-11

[21] **2,328,124**
[13] A1
[51] **Int.Cl. 6C07C 215/10 6C07C 271/06 6C07C 215/08**
[25] EN
[54] **A PROCESS FOR PREPARING CHIRAL (S)-2,3-DISUBSTITUTED-1-PROPYLAMINE DERIVATIVES**
[54] **PROCEDE PERMETTANT DE PREPARER DES DERIVES CHIRAUX (S) DE 1-PROPYLAMINE 2,3-DISUBSTITUEE**
[72] KIM, KYUNG-IL, KR
[72] HWANG, DAE IL, KR
[72] LEE, JUNG HWAN, KR
[72] LEE, WON, JANG, KR
[72] ROH, KYOUNG ROK, KR
[71] SAMSUNG FINE CHEMICALS CO., LTD., KR
[85] 2000-10-10
[86] 1999-04-14 (PCT/KR99/00178)
[87] 1999-10-21 (WO99/52855)
[30] KR (1998/13173) 1998-04-14
[30] KR (1998/13172) 1998-04-14
[30] KR (1998/13174) 1998-04-14

[21] **2,328,126**
[13] A1
[51] **Int.Cl. 6A61K 31/13 6A61K 35/56**
[25] EN
[54] **SPISULOSINE COMPOUNDS HAVING ANTITUMOUR ACTIVITY**
[54] **COMPOSES DE SPISULOSINE PRESENTANT UNE ACTION ANTITUMORALE**
[72] RINEHART, KENNETH LLOYD, US
[72] FAIRCLOTH, GLYNN THOMAS, US
[72] FREGEAU, NANCY LOUISE, US
[72] WARWICK, ROBERT ARTHUR, US
[72] GARCIA GRAVALOS, DOLORES, ES
[72] AVILA, JESUS, ES
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2000-10-10
[86] 1999-04-09 (PCT/GB99/01091)
[87] 1999-10-21 (WO99/52521)
[30] US (09/058,456) 1998-04-10

Demandes PCT entrant en phase nationale

[21] **2,328,127**
[13] A1

[51] **Int.Cl. 6H04L 29/06 6H04Q 7/22**
[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING INTER-NODAL PROTOCOL AGREEMENT IN A TELECOMMUNICATIONS SYSTEM**
[54] **SYSTEME ET PROCEDE POUR FACILITER LES ACCORDS DE PROTOCOLES INTER-NODAUX DANS UN SYSTEME DE TELECOMMUNICATIONS**
[72] REICHEL, MARTIN, US
[72] SALLBERG, KRISTER, SE
[71] ERICSSON INC., US
[85] 2000-10-10
[86] 1999-04-07 (PCT/US99/07605)
[87] 1999-10-21 (WO99/53713)
[30] US (09/058,044) 1998-04-09

[21] **2,328,143**
[13] A1

[51] **Int.Cl. 6C03B 23/047 6C03B 37/027**
[25] EN
[54] **METHOD OF MAKING AN OPTICAL FIBER PREFORM**
[54] **PROCEDE PERMETTANT DE FABRIQUER UNE PREFORME DE FIBRE OPTIQUE**
[72] GOUSKOV, MIKHAIL IVANOVICH, RU
[72] ASLAMI, MOHAMMAD AFZAL, US
[72] WU, DAU, US
[72] DANILOV, EVGUENI BORISOVICH, RU
[72] MATTISON, JOHN EDWARD, US
[71] FIBERCORE, INC., US
[85] 2000-10-10
[86] 1999-04-09 (PCT/US99/07872)
[87] 1999-10-21 (WO99/52832)
[30] US (09/058,207) 1998-04-10

[21] **2,328,145**
[13] A1

[51] **Int.Cl. 6H04L 27/04**
[25] EN
[54] **SYSTEM, DEVICE AND METHOD FOR IMPROVING A DEFINED PROPERTY OF TRANSFORM-DOMAIN SIGNALS**
[54] **SYSTEME, DISPOSITIF ET PROCEDE VISANT A AMELIORER UNE PROPRIETE DEFINIE DE SIGNAUX DU DOMAINE DES TRANSFORMEES**
[72] NARULA, ARADHANA, US
[72] YANG, JIAN, US
[72] KSCHISCHANG, FRANK ROBERT, CA
[71] MOTOROLA, INC., US
[85] 2000-10-10
[86] 1999-04-09 (PCT/US99/07840)
[87] 1999-10-21 (WO99/53662)
[30] US (09/058,671) 1998-04-10
[30] US (09/087,177) 1998-05-29

[21] **2,328,147**
[13] A1

[51] **Int.Cl. 6F16H 55/50**
[25] EN
[54] **PULLEY**
[54] **POULIE**
[72] BURKHARDT, GEORG, DE
[72] KACHELE, BRUNO, DE
[71] WILHELM KACHELE GMBH ELASTOMERTECHNIK, DE
[85] 2000-10-10
[86] 1999-04-09 (PCT/DE99/01078)
[87] 1999-10-21 (WO99/53223)
[30] DE (198 16 327.4) 1998-04-11

[21] **2,328,148**
[13] A1

[51] **Int.Cl. 7A61F 2/48**
[25] EN
[54] **EXTERNAL MAGNETIC ACTUATION VALVE FOR INTRAURETHRAL ARTIFICIAL URINARY SPHINCTER**
[54] **VALVULE A ACTIONNEMENT MAGNETIQUE EXTERNE CONCUE POUR UN SPHINCTER ARTIFICIEL INTRA-UTERIN**
[72] RIVERO RODRIGUEZ, GUILLERMO, ES
[72] MULTIGNER DOMINGUEZ, MARTA, ES
[72] TENDILLO CORTIJO, FRANCISCO JAVIER, ES
[72] GARCIA PAEZ, JOSE MARIA, ES
[72] JORGE HERRERO, EDUARDO, ES
[72] CARBALLIDO RODRIGUEZ, JOAQUIN, ES
[71] UNIVERSIDAD COMPLUTENSE DE MADRID RECTORADO, ES
[85] 2000-10-10
[86] 2000-02-11 (PCT/ES00/00049)
[87] 2000-08-17 (WO00/47141)
[30] ES (P 9900284) 1999-02-11

[21] **2,328,150**
[13] A1

[51] **Int.Cl. 6C25B 9/00**
[25] EN
[54] **ELECTROLYSIS APPARATUS FOR PRODUCING HALOGEN GASES**
[54] **APPAREIL D'ELECTROLYSE POUR PRODUIRE DES GAZ HALOGENE**
[72] BORUCINSKI, THOMAS, DE
[72] GEGNER, JURGEN, DE
[72] DULLE, KARL-HEINZ, DE
[72] WOLLNY, MARTIN, DE
[71] KRUPP UHDE GMBH, DE
[85] 2000-10-10
[86] 1999-03-31 (PCT/EP99/02200)
[87] 1999-10-21 (WO99/53122)
[30] DE (198 16 334.7) 1998-04-11

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[21] **2,328,152**
[13] A1
[51] **Int.Cl. 6C23C 14/06 6C23C 30/00**
[25] EN
[54] **A LOW FRICTION COATING FOR A CUTTING TOOL**
[54] **REVETEMENT A FAIBLE FROTTEMENT POUR OUTIL DE COUPE**
[72] MITTERER, CHRISTIAN, AT
[72] LOSBICHLER, PAUL, AT
[72] GILMORE, RICHARD, IT
[72] GISSLER, WOLFRAM, IT
[71] EUROPEAN COMMUNITY, LU
[85] 2000-10-10
[86] 1999-04-27 (PCT/GB99/01311)
[87] 1999-11-04 (WO99/55930)
[30] GB (9808938.6) 1998-04-27
[30] GB (9822445.4) 1998-10-14

[21] **2,328,158**
[13] A1
[51] **Int.Cl. 6B65D 1/32 6B65D 35/04 6B65D 33/16 6B65D 17/28 6B65D 33/38 6B65D 85/72**
[25] EN
[54] **DISPOSABLE FLUID OR PARTICULATE APPLICATOR**
[54] **DISTRIBUTEUR JETABLE DE FLUIDES OU DE PARTICULES**
[72] HOLMAN, MARK, AU
[72] ROBERTSON, BRUCE, AU
[72] PERRY, REX, AU
[72] BROOKS, DARYL, AU
[72] CUNNINGHAM, DON, AU
[72] BROOKS, COLIN, AU
[71] HOLMAN, MARK, AU
[71] ROBERTSON, BRUCE, AU
[71] PERRY, REX, AU
[71] BROOKS, DARYL, AU
[71] CUNNINGHAM, DON, AU
[71] BROOKS, COLIN, AU
[85] 2000-10-10
[86] 1999-04-22 (PCT/AU99/00307)
[87] 1999-10-28 (WO99/54217)
[30] AU (PP 3133) 1998-04-22

[21] **2,328,160**
[13] A1
[51] **Int.Cl. 6B01J 19/12 6C07J 75/00 6C07D 309/04 6C07C 45/32 6C07C 29/50**
[25] EN
[54] **PHOTOCHEMICAL AND THERMOCHEMICAL SOLAR SYNTHESSES USING FLAT-BED SOLAR COLLECTORS/SOLAR REACTORS**
[54] **SYNTHESES PHOTOCHEMIQUES SOLAIRES ET THERMOCHIMIQUES SOLAIRES EFFECTUEES A L'AIDE DE COLLECTEURS DE LUMIERE SOLAIRE/REACTEURS SOLAIRES PLATS**
[72] RITTER, ALFRED, DE
[72] DEMUTH, MARTIN, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
[85] 2000-10-10
[86] 1999-04-17 (PCT/EP99/02597)
[87] 1999-10-28 (WO99/54032)
[30] DE (198 16 876.4) 1998-04-17
[30] DE (198 44 037.5) 1998-09-25

[21] **2,328,163**
[13] A1
[51] **Int.Cl. 6A61M 1/00 6A61M 31/00 6A61M 37/00**
[25] EN
[54] **PRESSURE/FORCE COMPUTER CONTROLLED DRUG DELIVERY SYSTEM AND THE LIKE**
[54] **SYSTEME INFORMATISE D'ADMINISTRATION CONTROLEE DE MEDICAMENTS FONCTIONNANT SOUS L'EFFET DE LA FORCE ET DE LA PRESSION**
[72] BROWN, LAWRENCE, US
[72] ASCIONE, ANGELO, US
[72] HOCHMAN, CLAUDIA, US
[72] LOCKWOOD, MICHELLE, US
[72] JOHNSON, HARDIE, US
[72] HOCHMAN, MARK, US
[71] MILESTONE SCIENTIFIC, INC., US
[85] 2000-10-10
[86] 1999-03-05 (PCT/US99/07446)
[87] 1999-10-21 (WO99/52575)
[30] US (60/081,388) 1998-04-10
[30] US (09/201,464) 1998-11-30

[21] **2,328,165**
[13] A1
[51] **Int.Cl. 6A61K 33/36**
[25] EN
[54] **ARSENIC SULFIDE COMPOUNDS AND DERIVATIVES THEREOF FOR THE TREATMENT OF MALIGNANCIES**
[54] **COMPOSES DE SULFURE D'ARSENIC ET LEURS DERIVES CONCUS POUR LE TRAITEMENT DE MALIGNITES**
[72] LU, DAOPEI, CN
[71] LU, DAOPEI, CN
[85] 2000-10-10
[86] 1998-07-06 (PCT/CN98/00118)
[87] 1999-11-04 (WO99/55344)
[30] CN (98 1 01635.9) 1998-04-24

[21] **2,328,168**
[13] A1
[51] **Int.Cl. 6B65B 1/04 6B65B 23/00 6B65B 3/10**
[25] EN
[54] **INFLATABLE PACKING MATERIAL AND INFLATION SYSTEM**
[54] **MATERIAU D'EMBALLAGE GONFLABLE ET SYSTEME DE GONFLAGE**
[72] SPERRY, LAURENCE B., US
[72] DRAKE, JESSE S., US
[71] SEALED AIR CORPORATION, US
[85] 2000-10-12
[86] 1999-04-02 (PCT/US99/07324)
[87] 1999-10-21 (WO99/52772)
[30] US (09/059,791) 1998-04-13
[30] US (09/140,522) 1998-08-26

[21] **2,328,170**
[13] A1
[51] **Int.Cl. 6G02B 27/22 6G03B 21/28**
[25] EN
[54] **OPTICAL IMAGING APPARATUS**
[54] **APPAREIL D'IMAGERIE OPTIQUE**
[72] LEVIN, MICHAEL, US
[72] HOERNER, GARY, US
[71] HOLO-GONE, LLC, US
[85] 2000-10-12
[86] 1999-04-15 (PCT/US99/08293)
[87] 1999-10-21 (WO99/53346)
[30] US (60/081,860) 1998-04-15

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,328,173 [13] A1</p> <p>[51] Int.Cl. 6F16K 31/385 [25] EN [54] FLUID SUPPLY SHUT OFF VALVE SYSTEM AND FLUID MONITORING DEVICE FOR USE WITH SAME [54] SYSTEME DE VANNE D'ARRET DE DISTRIBUTION DE FLUIDE ET DISPOSITIF DE MESURE DE FLUIDE ASSOCIE [72] DULAC, LAWRENCE M., US [71] CONBRACO INDUSTRIES, INC., US [85] 2000-10-12 [86] 1999-04-06 (PCT/US99/07525) [87] 1999-10-14 (WO99/51902) [30] US (09/055,838) 1998-04-06</p>	<p style="text-align: right;">[21] 2,328,180 [13] A1</p> <p>[51] Int.Cl. 6A61B 19/00 [25] EN [54] NEEDLELESS ADMINISTRATION OF POLYNUCLEOTIDE FORMULATIONS [54] ADMINISTRATION SANS AIGUILLE DE FORMULATIONS DE POLYNUCLEOTIDES [72] VOLKIN, DAVID, US [72] LIU, MARGARET, US [72] SIMON, ADAM, US [72] DONNELLY, JOHN, US [71] MERCK & CO., INC., US [85] 2000-10-12 [86] 1999-04-12 (PCT/US99/07898) [87] 1999-10-21 (WO99/52463) [30] US (60/083,203) 1998-04-14</p>	<p style="text-align: right;">[21] 2,328,186 [13] A1</p> <p>[51] Int.Cl. 6A61L 9/04 6B65D 75/30 [25] EN [54] TIME RELEASE FRAGRANCE SACHET, METHOD OF USING SAME AND METHOD OF FABRICATING SAME [54] SACHET PARFUME A LIBERATION PROGRESSIVE, SON PROCEDE D'UTILISATION, ET SON PROCEDE DE FABRICATION [72] RAMSBOTHAM, JOHN, NL [72] WARREN, CRAIG, US [72] BELT, MARCEL, IT [71] UNILEVER PLC, GB [71] INTERNATIONAL FLAVORS & FRAGRANCES INC., US [85] 2000-09-18 [86] 1999-03-16 (PCT/EP99/01789) [87] 1999-09-23 (WO99/47182) [30] US (60/078,562) 1998-03-19</p>
<p style="text-align: right;">[21] 2,328,176 [13] A1</p> <p>[51] Int.Cl. 6C01B 33/00 [25] EN [54] METHOD FOR PURIFYING ALKALI METAL SILICATE SOLUTIONS [54] PROCEDE POUR PURIFIER DES SOLUTIONS DE SILICATE DE METAL ALCALIN [72] DADE-FIGUEROA, TANYA, US [72] BASS, JONATHAN L., US [71] PQ HOLDING, INC., US [85] 2000-10-12 [86] 1999-04-14 (PCT/US99/08107) [87] 1999-10-21 (WO99/52821) [30] US (09/061,825) 1998-04-16</p>	<p style="text-align: right;">[21] 2,328,184 [13] A1</p> <p>[51] Int.Cl. 6E21B 19/20 6E21B 19/00 6E21B 19/15 [25] EN [54] APPARATUS FOR DELIVERING A TUBULAR TO A WELLBORE [54] APPAREIL PERMETTANT DE FOURNIR UN TUBULAIRE A FORAGE [72] PIETRAS, BERND-GEORG, DE [71] WEATHERFORD/LAMB, INC., US [71] LUCAS, BRIAN RONALD, GB [85] 2000-08-14 [86] 1999-02-11 (PCT/GB99/00422) [87] 1999-08-19 (WO99/41485) [30] GB (9803116.4) 1998-02-14</p>	<p style="text-align: right;">[21] 2,328,187 [13] A1</p> <p>[51] Int.Cl. 6D21F 3/02 [25] EN [54] EXTENDED NIP PRESS WITH IMPROVED PRESS SHOE AND PRESSURE APPLYING APPARATUS [54] PRESSE PRESENTANT UN PINCEMENT ETENDU ET UN SABOT PERFECTIONNE ET APPAREIL D'APPLICATION DE PRESSION [72] ORMESHER, ERIC, GB [72] GRAY, PAUL T., GB [71] БЕЛОIT TECHNOLOGIES, INC., US [85] 2000-09-25 [86] 1997-06-17 (PCT/EP97/03161) [87] 1998-12-23 (WO98/58122)</p>
<p style="text-align: right;">[21] 2,328,178 [13] A1</p> <p>[51] Int.Cl. 6C08K 3/00 6C08L 25/18 6C08J 3/215 [25] EN [54] BROMINATED POLYSTYRENIC FLAME RETARDANTS [54] MATERIAUX IGNIFUGEANTS POLYSTYRENIQUES BROMURES [72] REED, JON S., US [72] KOLICH, CHARLES H., US [72] DADGAR, BILLIE B., US [72] BALHOFF, DONALD E., US [72] BRACKENRIDGE, DAVID R., US [72] BROCKMANN, THORSTEN W., US [72] LIN, HOMER C., US [72] AO, MENG-SHENG, US [71] ALBEMARLE CORPORATION, US [85] 2000-10-12 [86] 1999-03-04 (PCT/US99/04670) [87] 1999-11-04 (WO99/55770) [30] US (09/066,172) 1998-04-24</p>	<p style="text-align: right;">[21] 2,328,185 [13] A1</p> <p>[51] Int.Cl. 6A23D 9/00 6A23D 7/015 6A21D 8/04 6A21D 2/14 6A23L 1/24 [25] EN [54] STABLE SUSPENSION OF A PARTICULATE COMPONENT [54] SUSPENSION STABLE DE CONSTITUANT EN PARTICULES [72] THYGESEN, HANNE VALSTED, DK [72] SOE, JORN BORCH, DK [72] VOGENSEN, BENT KVIST, DK [71] DANISCO A/S, DK [85] 2000-09-15 [86] 1999-03-08 (PCT/IB99/00467) [87] 1999-09-30 (WO99/48377) [30] GB (9805945.4) 1998-03-20</p>	<p style="text-align: right;">[21] 2,328,189 [13] A1</p> <p>[51] Int.Cl. 6B65H 18/26 6B65H 18/10 [25] EN [54] METHOD AND APPARATUS FOR REELING A TRAVELING PAPER WEB [54] PROCEDE ET APPAREIL POUR ENROULER UNE BANDE DE PAPIER EN MOUVEMENT [72] WHITE, ANDREW D., GB [71] БЕЛОIT TECHNOLOGIES, INC., US [71] WHITE, ANDREW D., GB [85] 2000-09-25 [86] 1997-06-02 (PCT/EP97/02962) [87] 1998-12-10 (WO98/55384)</p>

PCT Applications Entering the National Phase

<p style="text-align: center;">[21] 2,328,191 [13] A1</p> <p>[51] Int.Cl. 6G05B 13/02 6B65H 23/182 [25] EN [54] METHOD AND DEVICE FOR NEURONAL MODELLING OF A PAPER WINDING DEVICE [54] PROCEDE ET DISPOSITIF POUR TECHNIQUE NEURONALE DE MODELISATION D'UNE BOBINEUSE POUR PAPIER [72] SCHAFFNER, CLEMENS, DE [72] LIEPOLD, HELMUT, DE [72] WIENHOLT, WILLFRIED, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-09-28 [86] 1998-11-03 (PCT/DE98/03204) [87] 1999-10-07 (WO99/50719) [30] DE (198 14 407.5) 1998-03-31</p>	<p style="text-align: center;">[21] 2,328,210 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/15 6A61L 15/00 [25] EN [54] HIGH LIQUID SUCTION ABSORBENT STRUCTURES [54] STRUCTURES ABSORBANTES A FORT POUVOIR D'ASPIRATION DE LIQUIDES [72] PLISCHKE, MANFRED, DE [72] FUCHS, CHRISTOFER, DE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-10-12 [86] 1999-04-16 (PCT/IB99/00689) [87] 1999-10-28 (WO99/53877) [30] EP (98107288.7) 1998-04-22</p>	<p style="text-align: center;">[21] 2,328,214 [13] A1</p> <p>[51] Int.Cl. 6F41H 5/04 [25] EN [54] COMPOSITE ARMOR PANEL [54] PLAQUE DE BLINDAGE COMPOSITE [72] COHEN, MICHAEL, IL [71] COHEN, MICHAEL, IL [85] 2000-10-12 [86] 1999-03-04 (PCT/IL99/00126) [87] 1999-10-21 (WO99/53260) [30] IL (124085) 1998-04-14</p>
<p style="text-align: center;">[21] 2,328,195 [13] A1</p> <p>[51] Int.Cl. 6C07C 407/00 6C08F 299/04 6C08F 4/36 6C07C 409/38 6C07C 409/40 [25] EN [54] PEROXIDES, THEIR PREPARATION PROCESS AND USE [54] PEROXYDES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION [72] MEIJER, JOHN, NL [72] VAN GENDT, JOACHIM WILLEM JOSEPH, NL [72] FISCHER, BART, NL [72] HOGT, ANDREAS HERMAN, NL [72] VAN DE BOVENKAMP-BOUWMAN, ANNA GERDINE, NL [71] AKZO NOBEL N.V., NL [85] 2000-10-13 [86] 1999-04-13 (PCT/EP99/02643) [87] 1999-10-21 (WO99/52864) [30] EP (98201170.2) 1998-04-15</p>	<p style="text-align: center;">[21] 2,328,211 [13] A1</p> <p>[51] Int.Cl. 6C07D 207/48 6C07D 409/14 6C07D 413/14 6A61K 31/40 [25] EN [54] SUBSTITUTED PYRROLIDINE HYDROXAMATE METALLOPROTEASE INHIBITORS [54] INHIBITEURS SUBSTITUES DE PYRROLIDINE HYDROXAMATE METALLOPROTEASES [72] NATCHUS, MICHAEL GEORGE, US [72] CHENG, MENYAN, US [72] TAIWO, YETUNDE OLABISI, US [72] DE, BISWANATH, US [72] ALMSTEAD, NEIL GREGORY, US [72] PIKUL, STANISLAW, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2000-10-12 [86] 1999-04-09 (PCT/US99/07826) [87] 1999-10-21 (WO99/52868) [30] US (60/081,667) 1998-04-14</p>	<p style="text-align: center;">[21] 2,328,215 [13] A1</p> <p>[51] Int.Cl. 7A23G 3/00 7A23G 3/02 [25] EN [54] AERATED CONFECTIONERY PRODUCT AND METHOD OF PREPARATION [54] PRODUIT DE CONFISERIE GONFLE ET SON PROCEDE DE PREPARATION [72] ZIETLOW, PHILIP K., US [72] LANGENFELD, MATHEW F., US [72] VAN LINGERICH, BERNHARD, US [72] HELSER, MICHAEL A., US [72] REISHUS, TERRY G., US [72] STINSON, JAMES L., US [72] WILSON, GERALD L., US [71] GENERAL MILLS, INC., US [85] 2000-10-12 [86] 2000-01-31 (PCT/US00/02229) [87] 2000-09-14 (WO00/53024) [30] US (09264,589) 1999-03-08</p>
<p style="text-align: center;">[21] 2,328,197 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/195 6A61K 31/42 [25] EN [54] METHODS FOR TREATING NEUROPSYCHIATRIC DISORDERS [54] METHODES DE TRAITEMENT DE TROUBLES NEUROPSYCHIATRIQUES [72] COYLE, JOSEPH, US [72] TSAI, GUOCHUAN, US [71] THE GENERAL HOSPITAL CORPORATION, US [85] 2000-10-13 [86] 1999-04-14 (PCT/US99/08056) [87] 1999-10-21 (WO99/52519) [30] US (60/081,645) 1998-04-14</p>	<p style="text-align: center;">[21] 2,328,212 [13] A1</p> <p>[51] Int.Cl. 6G01N 27/447 [25] EN [54] GEL ELECTROPHORESIS APPARATUS HAVING CAM-ACTIVATED CLAMP AND METHODS OF USE [54] APPAREIL D'ELECTROPHORESE SUR GEL A SYSTEME DE FIXATION A COMMANDE PAR CAME, ET PROCEDES D'UTILISATION [72] LEVY, DOUGLAS R., US [71] NOVEX, US [85] 2000-10-12 [86] 1999-04-12 (PCT/US99/07976) [87] 1999-10-21 (WO99/53305) [30] US (09/059,604) 1998-04-13</p>	

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,328,216 [13] A1</p> <p>[51] Int.Cl. 6H04J 1/00 6G08C 15/00 6G06F 11/00 6H04L 1/00 6H04H 1/04 6G01R 31/08 6H04J 3/12 6H04J 3/14 6H04J 1/16 6H04L 12/26</p> <p>[25] EN [54] METHOD AND SYSTEM FOR ESTIMATING THE ABILITY OF A SUBSCRIBER LOOP TO SUPPORT BROADBAND SERVICES [54] PROCEDE ET SYSTEME SERVANT A EVALUER LA CAPACITE D'UNE LIGNE D'ABONNE A SUPPORTER DES SERVICES DE BANDE LARGE [72] WOLOSZYNSKI, CHARLES HOWARD, US [72] LECHLEIDER, JOSEPH WILLIAM, US [72] NARAIN, SANJAI, US [71] TELCORDIA TECHNOLOGIES, INC., US [85] 2000-10-12 [86] 1999-04-05 (PCT/US99/07444) [87] 1999-10-21 (WO99/53637) [30] US (09/059,065) 1998-04-13</p>	<p style="text-align: right;">[21] 2,328,219 [13] A1</p> <p>[51] Int.Cl. 6C07D 477/14</p> <p>[25] EN [54] TITANIUM CATALYZED PREPARATION OF CARBAPENEM INTERMEDIATES [54] PREPARATION DE PRODUITS INTERMEDIAIRES DES CARBAPENEMS CATALYSEE AU TITANE [72] VOLANTE, RALPH P., US [72] REIDER, PAUL J., US [72] PYE, PHILIP J., US [72] ROSSEN, KAI, US [71] MERCK & CO., INC., US [85] 2000-10-12 [86] 1999-04-12 (PCT/US99/07956) [87] 1999-10-21 (WO99/52908) [30] US (60/082,003) 1998-04-16 [30] GB (9811297.2) 1998-05-26 [30] US (60/091,422) 1998-07-01</p>	<p style="text-align: right;">[21] 2,328,222 [13] A1</p> <p>[51] Int.Cl. 6F16B 21/18 6F16B 39/00</p> <p>[25] EN [54] CAPTIVE SCREW [54] VIS IMPERDABLE [72] ELLIS, THOMAS J., US [72] MCCORMACK, EDWARD A., US [72] DICKERSON, HARRY L., US [71] SOUTHCO, INC., US [85] 2000-10-13 [86] 1999-03-16 (PCT/US99/05564) [87] 1999-10-21 (WO99/53206) [30] US (09/059,577) 1998-04-14 [30] US (09/224,129) 1998-12-17</p>
<p style="text-align: right;">[21] 2,328,217 [13] A1</p> <p>[51] Int.Cl. 6C08G 63/42 6C08G 63/668</p> <p>[25] EN [54] PROCESS FOR PREPARING HYDROXY-FUNCTIONALIZED POLYESTERS [54] PROCEDE DE PREPARATION DE POLYESTERS A FONCTION HYDROXY [72] MANG, MICHAEL N., US [72] KRAM, SHARI L., US [72] WHITE, JERRY E., US [72] SUBRAMANIAN, RAMKI, US [72] BECKERDITE, JOHN M., US [71] THE DOW CHEMICAL COMPANY, US [85] 2000-10-12 [86] 1999-04-01 (PCT/US99/07138) [87] 1999-11-04 (WO99/55759) [30] US (09/069,015) 1998-04-28</p>	<p style="text-align: right;">[21] 2,328,220 [13] A1</p> <p>[51] Int.Cl. 6H04L 12/28 6H04L 12/56</p> <p>[25] EN [54] OPTIMIZING THE TRANSFER OF DATA PACKETS BETWEEN LANS [54] OPTIMISATION DU TRANSFERT DE PAQUETS DE DONNEES ENTRE RESEAUX LOCAUX [72] BAUMERT, ROBERT J., US [72] SEAMAN, ANTHONY W., US [72] STAVES, SHERRE M., US [71] CABLETRON SYSTEMS, INC., US [85] 2000-10-12 [86] 1999-06-10 (PCT/US99/13166) [87] 1999-12-16 (WO99/65193) [30] US (09/096,110) 1998-06-11</p>	<p style="text-align: right;">[21] 2,328,225 [13] A1</p> <p>[51] Int.Cl. 6A47L 5/14</p> <p>[25] EN [54] BLOWER AND ADJUSTABLE BLOWER NOZZLE ATTACHMENT [54] SOUFFLEUSE ET EMBOUT SOUFFLEUR REGLABLE [72] EVERTS, ROBERT G., US [72] BRAZELL, KENNETH M., US [71] RYOBI NORTH AMERICA, INC., US [85] 2000-10-13 [86] 1999-03-01 (PCT/US99/04463) [87] 1999-09-10 (WO99/44485) [30] US (09/034,097) 1998-03-03</p>
<p style="text-align: right;">[21] 2,328,221 [13] A1</p> <p>[51] Int.Cl. 7B65D 51/24 7A61L 9/03 7B65D 49/12</p> <p>[25] EN [54] PLUG FOR RECEPTACLES CONTAINING EVAPORABLE LIQUIDS [54] OBTURATEUR POUR RECIPIENTS DE LIQUIDES POUVANT S'EVAPORER [72] BASAGANAS MILLAN, JORDI, ES [71] DBK ESPANA, S.A., ES [85] 2000-10-12 [86] 2000-02-11 (PCT/ES00/00048) [87] 2000-08-24 (WO00/48922) [30] ES (P 9900299) 1999-02-15</p>	<p style="text-align: right;">[21] 2,328,227 [13] A1</p> <p>[51] Int.Cl. 6G01S 5/00 6G01C 21/00 6G06F 17/40 6G06T 17/50</p> <p>[25] EN [54] METHOD OF TRACKING AND SENSING POSITION OF OBJECTS [54] PROCEDE DE POURSUITE ET DE DETECTION DE LA POSITION D'OBJETS [72] POROPAT, GEORGE, AU [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [85] 2000-10-13 [86] 1999-04-15 (PCT/AU99/00274) [87] 1999-10-21 (WO99/53335) [30] AU (PP 2994) 1998-04-15</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,328,228 [13] A1</p> <p>[51] Int.Cl. 6A43B 7/18 [25] EN [54] ARTICLE OF FOOTWEAR [54] ARTICLE CHAUSSANT [72] SEYMOUR, KEAHINUIMAKAHAHAIKALANI HOWARD, GB [71] SEYMOUR, KEAHINUIMAKAHAHAIKALANI HOWARD, GB [85] 2000-10-12 [86] 1999-04-22 (PCT/GB99/01245) [87] 1999-11-04 (WO99/55185) [30] GB (9808874.3) 1998-04-27</p>	<p style="text-align: right;">[21] 2,328,232 [13] A1</p> <p>[51] Int.Cl. 7A61F 2/06 [25] EN [54] ENDOVASCULAR PROSTHESIS [54] PROTHESE ENDOVASCULAIRE [72] MAROTTA, THOMAS R., CA [72] DICKSON, TODD, US [72] TOYAMA, NIKKI A., US [72] MOORE, BRIAN, US [71] NOVO RPS ULC, CA [85] 2000-10-12 [86] 2000-02-11 (PCT/CA00/00125) [87] 2000-08-17 (WO00/47134) [30] US (60/119,861) 1999-02-12</p>	<p style="text-align: right;">[21] 2,328,236 [13] A1</p> <p>[51] Int.Cl. 6C11D 11/00 6C11D 3/382 6C11D 3/43 6C11D 1/75 [25] EN [54] BOTANICAL OILS AS BLOOMING AGENTS IN HARD SURFACE CLEANING COMPOSITIONS [54] ESSENCES BOTANIQUES UTILISEES COMME AGENTS ANTIREFLET DANS DES COMPOSITIONS DE NETTOYAGE DE SURFACES DURES [72] CHEUNG, TAK WAI, US [72] SMIALOWICZ, DENNIS THOMAS, US [71] RECKITT BENCKISER INC., US [85] 2000-10-12 [86] 1999-03-18 (PCT/US99/05962) [87] 1999-10-21 (WO99/53011) [30] GB (9807657.3) 1998-04-14</p>
<p style="text-align: right;">[21] 2,328,229 [13] A1</p> <p>[51] Int.Cl. 6A61M 25/00 [25] EN [54] INTERBODY DEVICE AND METHOD FOR TREATMENT OF OSTEOPOROTIC VERTEBRAL COLLAPSE [54] DISPOSITIF INTERMEDIAIRE ET PROCEDE UTILES POUR TRAITER UN TASSEMENT VERTEBRAL OSTEOPOROTIQUE [72] RAY, CHARLES DEAN, US [71] TEGEMENTA, L.L.C., US [85] 2000-10-13 [86] 1998-07-09 (PCT/US98/14146) [87] 1999-01-21 (WO99/02214) [30] US (60/052,849) 1997-07-09</p>	<p style="text-align: right;">[21] 2,328,233 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/04 [25] EN [54] SOFT TISSUE FIXATION DEVICE [54] DISPOSITIF DE FIXATION POUR TISSU MOU [72] EGAN, THOMAS D., US [72] STREETER, RICHARD B., US [72] FENTON, PAUL V., JR., US [71] AXYA MEDICAL, INC., US [85] 2000-10-13 [86] 1999-04-09 (PCT/US99/08680) [87] 1999-10-21 (WO99/52451) [30] US (09/061,608) 1998-04-16</p>	<p style="text-align: right;">[21] 2,328,237 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/04 [25] EN [54] BONDABLE EXPANSION PLUG FOR SOFT TISSUE FIXATION [54] TAMPON DILATABLE ADHESIF DESTINE A LA FIXATION DE TISSUS MOUS [72] EGAN, THOMAS D., US [71] AXYA MEDICAL, INC., US [85] 2000-10-13 [86] 1999-04-13 (PCT/US99/08045) [87] 1999-10-21 (WO99/52414) [30] US (09/061,604) 1998-04-16</p>
<p style="text-align: right;">[21] 2,328,231 [13] A1</p> <p>[51] Int.Cl. 6H05K 7/14 6H01R 23/70 [25] EN [54] CIRCUIT CARD INSERTION AND REMOVAL SYSTEM [54] SYSTEME D'INSERTION ET DE RETRAIT DE CARTE A CIRCUITS [72] BABIN, ANDRE, CA [71] TRIONIQ INC., CA [85] 2000-10-12 [86] 1999-04-09 (PCT/CA99/00329) [87] 1999-10-28 (WO99/55127) [30] GB (9807989.0) 1998-04-16</p>	<p style="text-align: right;">[21] 2,328,235 [13] A1</p> <p>[51] Int.Cl. 6C09K 7/02 6E21B 43/02 6E21B 33/138 6E21B 43/26 [25] EN [54] METHODS AND COMPOSITIONS FOR DELAYING THE CROSSLINKING OF CROSSLINKABLE POLYSACCHARIDE-BASED LOST CIRCULATION MATERIALS [54] METHODES ET COMPOSITIONS POUR RETARDER LA RETICULATION DE MATERIAUX DE PERTES DE CIRCULATION, A BASE DE SACCHARIDES [72] NORMAN, LEWIS R., US [72] LAWSON, JIM, US [72] DONALDSON, ASHLEY, US [72] POWER, DAVID, US [71] HALLIBURTON ENERGY SERVICES, INC., US [85] 2000-10-12 [86] 1999-04-14 (PCT/US99/07740) [87] 1999-10-21 (WO99/52991) [30] US (60/081,700) 1998-04-14 [30] US (09/290,799) 1999-04-13</p>	<p style="text-align: right;">[21] 2,328,239 [13] A1</p> <p>[51] Int.Cl. 6D21H 21/16 6D21H 17/62 6D21H 17/66 [25] EN [54] A SIZING COMPOSITION AND A METHOD OF SIZING [54] COMPOSITION DE COLLAGE ET PROCEDE DE COLLAGE [72] GILLBERG, LARS INGEMAR, SE [72] BISBAL TUDELA, JOSEP LLUIS, ES [71] KEMIRA KEMI AB, SE [85] 2000-10-12 [86] 1999-04-13 (PCT/SE99/00593) [87] 1999-10-21 (WO99/53139) [30] SE (9801276-8) 1998-04-14</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,328,240 [13] A1</p> <p>[51] Int.Cl. 6F23D 14/04 [25] EN [54] INTEGRAL LOW NOX INJECTION BURNER [54] BRULEUR INTEGRAL A INJECTION A FAIBLE EMISSION DE NOX [72] CAIN, BRUCE E., US [72] NEWBY, JOHN N., US [72] NIESZCZUR, KEITH J., US [72] SUTTON, RICHARD D., US [72] ROBERTSON, THOMAS F., US [71] NORTH AMERICAN MANUFACTURING COMPANY, US [85] 2000-10-12 [86] 1999-04-29 (PCT/US99/09266) [87] 1999-11-11 (WO99/57489) [30] US (09/071,270) 1998-05-01</p>	<p style="text-align: right;">[21] 2,328,243 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/34 [25] EN [54] TROCAR WITH REMOVABLE, REPLACEABLE TIP [54] TROCART A EMBOUT MOBILE REMPLACABLE [72] FORTIER, RICHARD, C., US [71] NEOSURG TECHNOLOGIES, US [85] 2000-10-13 [86] 1998-08-12 (PCT/US98/16726) [87] 1999-10-21 (WO99/52457) [30] US (09/060,640) 1998-04-15</p>	<p style="text-align: right;">[21] 2,328,246 [13] A1</p> <p>[51] Int.Cl. 6H04Q 3/64 [25] EN [54] METHOD FOR EQUIVALENTLY CONNECTING SUBASSEMBLIES IN 1:N REDUNDANCY [54] PROCEDE POUR LE CIRCUIT EQUIVALENT DE SOUS-ENSEMBLES EN REDONDANCE 1:N [72] KOPP, JORG, DE [72] HUBER, SIEGFRIED, DE [72] RODER, ANNETTE, DE [72] HOFFMANN, GERT, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-10-13 [86] 1999-03-03 (PCT/DE99/00561) [87] 1999-10-28 (WO99/55100) [30] DE (198 17 158.7) 1998-04-17</p>
<p style="text-align: right;">[21] 2,328,241 [13] A1</p> <p>[51] Int.Cl. 6B65G 11/20 6B65G 47/04 6B65G 69/16 6B65G 47/19 [25] EN [54] DISCHARGE OUTLET CONTROL [54] SYSTEME SERVANT A REGULER UNE SORTIE D'EVACUATION [72] HUMPHRYSON, IAN GEORGE, AU [71] HUMPHRYSON, IAN GEORGE, AU [85] 2000-10-13 [86] 1999-03-18 (PCT/AU99/00187) [87] 1999-10-21 (WO99/52797) [30] AU (PP 2969) 1998-04-15</p>	<p style="text-align: right;">[21] 2,328,244 [13] A1</p> <p>[51] Int.Cl. 6G01N 33/497 6B01L 3/00 6A61B 5/097 [25] EN [54] DEVICE FOR THE COLLECTION, STORAGE AND/OR TRANSPORT OF GAS SAMPLES [54] DISPOSITIF DE RECUEILLEMENT, CONSERVATION ET/OU TRANSPORT D'ECHANTILLONS DE GAZ [72] ALVING, KJELL, SE [72] WEITZBERG, EDDIE, SE [72] LUNDBERG, JON, SE [72] GUSTAFSSON, LARS ERIK, SE [71] AEROCRINE AB, SE [85] 2000-10-12 [86] 1999-04-29 (PCT/SE99/00711) [87] 1999-11-11 (WO99/57560) [30] SE (9801532-4) 1998-04-30</p>	<p style="text-align: right;">[21] 2,328,247 [13] A1</p> <p>[51] Int.Cl. 6C11D 3/30 [25] EN [54] AEROSOL HARD SURFACE CLEANER WITH ENHANCED BATHROOM SOIL REMOVAL [54] AGENT NETTOYANT AEROSOL POUR SURFACES DURES A ELIMINATION ACCRUE DE SALISSURES DE SALLE DE BAINS [72] ROBBINS, MICHAEL H., US [72] SCOTT, WAYNE B., US [72] OCHOMOYO, MARIA G., US [72] CHANG, JENNIFER, US [71] THE CLOROX COMPANY, US [85] 2000-10-12 [86] 1999-04-09 (PCT/US99/07913) [87] 1999-10-21 (WO99/53009) [30] US (09/059,538) 1998-04-13</p>
<p style="text-align: right;">[21] 2,328,242 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/36 [25] EN [54] ELECTRO-CAUTERY CATHETER [54] CATHETER POUR ELECTROCAUTERISATION [72] DURGIN, RUSS, US [72] STAHLEY, WILLIAM, US [72] MORECI, STEPHEN F., US [71] BOSTON SCIENTIFIC LIMITED, BB [85] 2000-10-12 [86] 1999-03-01 (PCT/US99/04517) [87] 1999-10-21 (WO99/52459) [30] US (09/060,780) 1998-04-15</p>	<p style="text-align: right;">[21] 2,328,245 [13] A1</p> <p>[51] Int.Cl. 6C07C 49/23 6C07C 49/105 6C07C 49/115 [25] EN [54] PHOSPHODIESTERASE ISOENZYME DENOMINATED 4 (PDE 4) INHIBITING COMPOUNDS [54] COMPOSES INHIBANT L'ISOENZYME PHOSPHODIESTERASE 4 (PDE 4) [72] CHRISTENSEN, SIEGFRIED BENJAMIN IV, US [72] FORSTER, CORNELIA JUTTA, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2000-10-12 [86] 1999-04-13 (PCT/US99/08001) [87] 1999-10-21 (WO99/52848) [30] US (60/081,643) 1998-04-14</p>	

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[21] **2,328,248**
[13] A1
[51] **Int.Cl. 6A01J 5/017**
[25] EN
[54] **AUTOMATIC MILKING MACHINE
ARM DETACHER WITH SLOPING
SPLASH SHIELD**
[54] **SEPARATEUR POUR BRAS DE
MACHINE A TRAIRE AUTOMATIQUE
DOTE D'UNE PROTECTION INCLINEE
CONTRE LES ECLABOUSSURES**
[72] HEIN, PATRICK M., US
[72] KRAUSE, ROBERT G., US
[72] LARSON, LARRY G., US
[71] BABSON BROS. CO., US
[85] 2000-10-12
[86] 1999-04-09 (PCT/US99/07803)
[87] 1999-10-21 (WO99/52346)
[30] US (09/059,553) 1998-04-13

[21] **2,328,249**
[13] A1
[51] **Int.Cl. 6G01N 33/543 6G01N 33/544
6G01N 33/552**
[25] EN
[54] **REAL TIME DETECTION OF
ANTIGENS**
[54] **DETECTION D'ANTIGENES EN
TEMPS REEL**
[72] WEIMER, BART, C., US
[71] UTAH STATE UNIVERSITY, US
[85] 2000-10-13
[86] 1999-04-15 (PCT/US99/08315)
[87] 1999-10-21 (WO99/53320)
[30] US (60/081,889) 1998-04-13

[21] **2,328,250**
[13] A1
[51] **Int.Cl. 6C07C 49/23 6C07C 49/105
6C07C 49/115**
[25] EN
[54] **PHOSPHODIESTERASE
ISOENZYME DENOMINATED 4 (PDE 4)
INHIBITING COMPOUNDS**
[54] **COMPOSES INHIBANT
L'ISOENZYME
PHOSPHODIESTERASE 4 (PDE 4)**
[72] FORSTER, CORNELIA JUTTA, US
[72] CHRISTENSEN SIEGFRIED
BENJAMIN IV, US
[71] SMITHKLINE BEECHAM
CORPORATION, US
[85] 2000-10-12
[86] 1999-04-13 (PCT/US99/07995)
[87] 1999-10-21 (WO99/52847)
[30] US (60/081,702) 1998-04-13

[21] **2,328,252**
[13] A1
[51] **Int.Cl. 6C07D 223/18 6C07C 63/33**
[25] EN
[54] **RECEPTOR LIGANDS**
[54] **LIGANDS DE RECEPTEUR**
[72] WIDDOWSON, KATHERINE
LOUISA, US
[72] ROSENBERG, MARTIN, US
[71] SMITHKLINE BEECHAM
CORPORATION, US
[85] 2000-10-12
[86] 1998-04-14 (PCT/US98/07389)
[87] 1999-10-21 (WO99/52877)

[21] **2,328,253**
[13] A1
[51] **Int.Cl. 6G07F 9/06 6G07B 15/00**
[25] EN
[54] **CONFIGURABLE CASHBOX**
[54] **CAISSE REGLABLE**
[72] STOLTZ, GREGORY E., US
[72] MALDANIS, ALBERT J., US
[72] DAVIS, BRUCE W., US
[71] AGENT SYSTEMS, INC., US
[85] 2000-10-12
[86] 1999-04-12 (PCT/US99/07980)
[87] 1999-10-21 (WO99/53452)
[30] US (09/059,694) 1998-04-13

[21] **2,328,254**
[13] A1
[51] **Int.Cl. 6G07D 1/00**
[25] EN
[54] **SYSTEM AND METHOD FOR COIN
SINGULATION**
[54] **SYSTEME ET PROCEDE DE
SEPARATION DE PIECES**
[72] STOLTZ, GREGORY E., US
[72] MALDANIS, ALBERT J., US
[71] AGENT SYSTEMS, INC., US
[85] 2000-10-12
[86] 1999-04-12 (PCT/US99/07979)
[87] 1999-10-21 (WO99/53447)
[30] US (09/060,033) 1998-04-13

[21] **2,328,255**
[13] A1
[51] **Int.Cl. 6D21F 11/00 6B31F 1/07**
[25] EN
[54] **EXTENSIBLE PAPER WEB AND
METHOD OF FORMING**
[54] **BANDE DE PAPIER EXTENSIBLE
ET SON PROCEDE DE FABRICATION**
[72] CABELL, DAVID WILLIAM, US
[72] RICHARDS, MARK RYAN, US
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 2000-10-12
[86] 1999-04-12 (PCT/IB99/00631)
[87] 1999-10-28 (WO99/54547)
[30] US (09/061,611) 1998-04-16

[21] **2,328,256**
[13] A1
[51] **Int.Cl. 6H04B 1/38 6H04L 7/00**
[25] EN
[54] **METHODS AND APPARATUS FOR
EXCHANGING DATA**
[54] **PROCEDE ET APPAREIL
D'ECHANGE DE DONNEES**
[72] GRIMES, JAMES E., US
[72] SEXTON, DANIEL W., US
[71] GE FANUC AUTOMATION NORTH
AMERICA, INC., US
[85] 2000-10-13
[86] 1999-04-15 (PCT/US99/08211)
[87] 1999-10-21 (WO99/53622)
[30] US (60/081,976) 1998-04-16
[30] US (09/244,237) 1999-02-03

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,328,264 [13] A1</p> <p>[51] Int.Cl. 6C07D 473/06 6A61K 31/52 [25] EN [54] NOVEL ASYMMETRICALLY SUBSTITUTED XANTHINE DERIVATIVES, METHOD FOR PRODUCING THEM AND THEIR USE AS MEDICAMENTS WITH AN ADENOSINE-ANTAGONISTIC EFFECT [54] NOUVEAUX DERIVES DE XANTHINE A SUBSTITUTION ASYMETRIQUE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION COMME MEDICAMENTS A EFFET ANTAGONISTE DE L'ADENOSINE [72] POHL, GERALD, DE [72] MIERAU, JOACHIM, DE [72] HOFFMANN, MATTHIAS, DE [72] GATH, URSULA, DE [72] WEISER, THOMAS, DE [72] GAIDA, WOLFRAM, DE [72] KUEFNER-MUEHL, ULRIKE, DE [72] CARTER, ADRIAN, DE [72] BLECH, STEFAN, DE [72] LEHR, ERICH, DE [71] BOEHRINGER INGELHEIM PHARMA KG, DE [85] 2000-10-11 [86] 1999-04-13 (PCT/EP99/02458) [87] 1999-10-28 (WO99/54331) [30] DE (198 16 857.8) 1998-04-16</p>	<p style="text-align: center;">[21] 2,328,288 [13] A1</p> <p>[51] Int.Cl. 6E05B 63/24 6E05B 15/02 [25] EN [54] SECURITY LOCKING MECHANISM [54] MECANISME DE VERROUILLAGE DE SECURITE [72] BENCH, MAURICE, GB [71] FLORIN INVESTMENTS LIMITED, TC [85] 2000-10-12 [86] 1999-04-28 (PCT/GB99/01315) [87] 1999-11-11 (WO99/57396) [30] GB (9809474.1) 1998-05-05 [30] GB (9902762.5) 1999-02-08</p>	<p style="text-align: center;">[21] 2,328,303 [13] A1</p> <p>[51] Int.Cl. 6C08F 10/00 6C08F 2/14 6C08F 4/64 [25] EN [54] POLYMERIZATIONS USING ADJUVANT CATALYST [54] POLYMERISATIONS A L'AIDE DE CATALYSEUR AUXILIAIRE [72] SUN, LIXIN, US [71] HUNTSMAN POLYMERS CORPORATION, US [85] 2000-10-11 [86] 1999-03-24 (PCT/US99/06486) [87] 1999-11-11 (WO99/57164) [30] US (60/084,558) 1998-05-06 [30] US (09/273,162) 1999-03-19</p>
<p style="text-align: center;">[21] 2,328,267 [13] A1</p> <p>[51] Int.Cl. 6H02H 9/06 6H02P 11/00 [25] EN [54] ROTARY INDUCTION MACHINE HAVING CONTROL OF SECONDARY WINDING IMPEDANCE [54] MACHINE ASYNCHRONE ROTATIVE COMMANDANT L'IMPEDANCE D'UN ENROULEMENT SECONDAIRE [72] WALLACE, ALAN K., US [72] OLIVER, JAMES A., US [71] HELLER-DEJULIO CORPORATION, US [85] 2000-10-11 [86] 1999-04-21 (PCT/US99/08690) [87] 1999-10-28 (WO99/54981) [30] US (09/064,977) 1998-04-21</p>	<p style="text-align: center;">[21] 2,328,295 [13] A1</p> <p>[51] Int.Cl. 6C23C 16/44 6H01L 21/00 6C23C 16/54 [25] EN [54] FILM DEPOSITION SYSTEM [54] SYSTEME DE DEPOT DE FILM [72] LOAN, JAMES F., US [72] SALERNO, JACK P., US [71] CVD SYSTEMS, INC., US [85] 2000-10-11 [86] 1999-04-14 (PCT/US99/08153) [87] 1999-10-21 (WO99/53117) [30] US (09/060,007) 1998-04-14</p>	<p style="text-align: center;">[21] 2,328,306 [13] A1</p> <p>[51] Int.Cl. 6B22D 19/08 6B22C 9/00 6B22D 19/00 6B22C 9/06 6B22D 19/10 6B22D 19/16 6B22C 9/22 [25] EN [54] BIMETALLIC PLATE [54] PLAQUE BIMETALLIQUE [72] BRUNTON, ROBERT SIDNEY, AU [72] DICK, IAN ROBERT, AU [72] PEDERSEN, PHILIP DAVID, AU [72] GOSS, GEOFFREY MARTIN, AU [72] BEDNARZ, BERNARD, AU [72] HEJJKOOP, TEUNIS, AU [72] WRIGHT, WILLIAM TRICKETT, AU [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [85] 2000-10-12 [86] 1999-04-16 (PCT/AU99/00281) [87] 1999-10-28 (WO99/54073) [30] AU (PP 2982) 1998-04-16</p>
<p style="text-align: center;">[21] 2,328,301 [13] A1</p> <p>[51] Int.Cl. 6C11D 3/48 6C11D 17/00 6A01N 65/00 6A01N 25/02 6C11D 1/06 6A01N 33/12 6A01N 25/30 6C11D 3/382 6C11D 3/43 6C11D 1/62 6C11D 1/65 6C11D 1/75 6C11D 1/835 6C11D 1/86 [25] EN [54] BOTANICAL OILS AS BLOOMING AGENTS IN GERMICIDAL HARD SURFACE CLEANING COMPOSITIONS [54] ESSENCES BOTANIQUES UTILISEES COMME AGENTS ANTIREFLET DANS DES COMPOSITIONS GERMICIDES DE NETTOYAGE DE SURFACES DURES [72] CHEUNG, TAK WAI, US [72] SMIALOWICZ, DENNIS THOMAS, US [71] RECKITT BENCKISER INC., US [85] 2000-10-12 [86] 1999-03-18 (PCT/US99/05961) [87] 1999-10-21 (WO99/53010) [30] GB (9807661.5) 1998-04-14</p>	<p style="text-align: center;">[21] 2,328,301 [13] A1</p> <p>[51] Int.Cl. 6C11D 3/48 6C11D 17/00 6A01N 65/00 6A01N 25/02 6C11D 1/06 6A01N 33/12 6A01N 25/30 6C11D 3/382 6C11D 3/43 6C11D 1/62 6C11D 1/65 6C11D 1/75 6C11D 1/835 6C11D 1/86 [25] EN [54] BOTANICAL OILS AS BLOOMING AGENTS IN GERMICIDAL HARD SURFACE CLEANING COMPOSITIONS [54] ESSENCES BOTANIQUES UTILISEES COMME AGENTS ANTIREFLET DANS DES COMPOSITIONS GERMICIDES DE NETTOYAGE DE SURFACES DURES [72] CHEUNG, TAK WAI, US [72] SMIALOWICZ, DENNIS THOMAS, US [71] RECKITT BENCKISER INC., US [85] 2000-10-12 [86] 1999-03-18 (PCT/US99/05961) [87] 1999-10-21 (WO99/53010) [30] GB (9807661.5) 1998-04-14</p>	<p style="text-align: center;">[21] 2,328,301 [13] A1</p> <p>[51] Int.Cl. 6C11D 3/48 6C11D 17/00 6A01N 65/00 6A01N 25/02 6C11D 1/06 6A01N 33/12 6A01N 25/30 6C11D 3/382 6C11D 3/43 6C11D 1/62 6C11D 1/65 6C11D 1/75 6C11D 1/835 6C11D 1/86 [25] EN [54] BOTANICAL OILS AS BLOOMING AGENTS IN GERMICIDAL HARD SURFACE CLEANING COMPOSITIONS [54] ESSENCES BOTANIQUES UTILISEES COMME AGENTS ANTIREFLET DANS DES COMPOSITIONS GERMICIDES DE NETTOYAGE DE SURFACES DURES [72] CHEUNG, TAK WAI, US [72] SMIALOWICZ, DENNIS THOMAS, US [71] RECKITT BENCKISER INC., US [85] 2000-10-12 [86] 1999-03-18 (PCT/US99/05961) [87] 1999-10-21 (WO99/53010) [30] GB (9807661.5) 1998-04-14</p>

PCT Applications Entering the National Phase

[21] **2,328,307**
[13] A1

[51] **Int.Cl. 7H04B 1/66 7H04B 1/69**
[25] EN
[54] **DEVICE AND METHOD FOR CONTROLLING TRANSMISSION ON REVERSE LINK IN MOBILE COMMUNICATION SYSTEM**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE TRANSMISSION DANS UN SYSTEME DE COMMUNICATIONS EN LIAISON RETOUR**
[72] AHN, JAE-MIN., KR
[72] MAENG, SEUNG-JOO, KR
[72] MOON, HI-CHAN, KR
[72] HWANG, JONG-YOON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2000-10-11
[86] 2000-02-14 (PCT/KR00/00111)
[87] 2000-08-17 (WO00/48327)
[30] KR (1999/5274) 1999-02-13

[21] **2,328,309**
[13] A1

[51] **Int.Cl. 6A43B 13/18 6B29D 31/00 6A43B 17/02 6A61G 7/057 6A43B 17/08 6A43B 17/14 6A47C 27/14**
[25] EN
[54] **A VARIABLE CUSHIONING STRUCTURE**
[54] **STRUCTURE AMORTISSANTE VARIABLE**
[72] BRIE, SERGE, CA
[71] BRIE, SERGE, CA
[85] 2000-10-12
[86] 1999-04-15 (PCT/CA99/00327)
[87] 1999-10-21 (WO99/52387)
[30] CA (2,231,802) 1998-04-15

[21] **2,328,313**
[13] A1

[51] **Int.Cl. 6A61F 13/62**
[25] EN
[54] **DISPOSABLE ABSORBENT ARTICLES HAVING INTERNAL MECHANICAL FASTENERS**
[54] **ARTICLES ABSORBANTS JETABLES AVEC ELEMENTS DE FIXATION MECANIQUE INTERNES**
[72] SUGITA, MASATAKA, JP
[72] HEKI, YUKIO, JP
[72] MIYAMOTO, KOUICHI, JP
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-12
[86] 1998-04-23 (PCT/US98/08201)
[87] 1999-10-28 (WO99/53881)

[21] **2,328,319**
[13] A1

[51] **Int.Cl. 6A41B 13/10**
[25] EN
[54] **DISPOSABLE BIB HAVING STRETCHABLE SHOULDER EXTENSIONS**
[54] **BAVOIR A JETER A EPAULIERES ETIRABLES**
[72] LAMPSON, PATRICIA LEE, US
[72] LEEKER, KAREN, US
[72] GUPTA, AMIT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-12
[86] 1999-04-14 (PCT/US99/08181)
[87] 1999-10-21 (WO99/52384)
[30] US (09/059,884) 1998-04-14

[21] **2,328,322**
[13] A1

[51] **Int.Cl. 6D21F 11/00 6F21V 11/02**
[25] EN
[54] **SLATTED COLLIMATOR**
[54] **COLLIMATEUR A CLAIRE-VOIE**
[72] TROKHAN, PAUL DENNIS, US
[72] BOUTILIER, GLENN DAVID, US
[72] LORENZ, TIMOTHY JUDE, US
[72] MARLATT, HENRY LOUIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2000-10-12
[86] 1999-04-12 (PCT/IB99/00647)
[87] 1999-11-04 (WO99/55961)
[30] US (09/065,164) 1998-04-23

[21] **2,328,325**
[13] A1

[51] **Int.Cl. 6G06F 9/44 6G06F 17/60**
[25] EN
[54] **VISUAL DATA INTEGRATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'INTEGRATION DE DONNEES VISUELLES**
[72] HU, QILIN, US
[72] ZHENG, WENDY J., US
[72] SHEARD, NICOLAS C., US
[72] MOW, BOYLE Y., US
[72] MATTHEWS, RICHARD W., US
[72] GURLA, HIMABINDU, US
[72] FISCHER, LAWRENCE, US
[71] ADC TELECOMMUNICATIONS, INC., US
[85] 2000-10-12
[86] 1999-04-15 (PCT/US99/08244)
[87] 1999-11-04 (WO99/56206)
[30] US (09/060,667) 1998-04-15
[30] US (09/093,162) 1998-06-08

[21] **2,328,343**
[13] A1

[51] **Int.Cl. 6B62D 25/08**
[25] EN
[54] **VEHICLE MODULE**
[54] **MODULE DE VEHICULE**
[72] STEPHEN, JOHN BURT, GB
[71] TEXTRON AUTOMOTIVE UK, GB
[85] 2000-10-13
[86] 1999-04-16 (PCT/GB99/01166)
[87] 1999-10-28 (WO99/54187)
[30] GB (9808442.9) 1998-04-21
[30] GB (9808682.0) 1998-04-23

[21] **2,328,345**
[13] A1

[51] **Int.Cl. 6C07D 209/88**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF R-(+)-6-CARBOXAMIDO-3-N-METHYLAMINO-1,2,3,4-TETRAHYDROCARBAZOLE**
[54] **PROCEDE DE PRODUCTION DE R-(+)-6-CARBOXAMIDO-3-N-METHYLAMINO-1,2,3,4-TETRAHYDROCARBAZOLE**
[72] MCINTYRE, STEVEN, GB
[72] HARTLEY, DAVID, GB
[72] KNIGHT, JOHN, GB
[72] SPRAY, CAROLINE, GB
[72] BRACKENRIDGE, IAN, GB
[71] VERNALIS LIMITED, GB
[85] 2000-10-13
[86] 1999-04-16 (PCT/GB99/01167)
[87] 1999-10-28 (WO99/54302)
[30] GB (9808069.0) 1998-04-16

[21] **2,328,346**
[13] A1

[51] **Int.Cl. 6H04B 1/69 6H04H 1/00 6H04L 9/00**
[25] EN
[54] **GPS DATA ACCESS SYSTEM**
[54] **SYSTEME D'ACCES AUX DONNEES GPS**
[72] BEDNAREK, ROBERT A., US
[72] RUBIN, PHILIP A., US
[71] PHILIP A. RUBIN AND ASSOCIATES, INC., US
[85] 2000-10-13
[86] 1999-03-12 (PCT/US99/05458)
[87] 1999-10-21 (WO99/53624)
[30] US (09/060,218) 1998-04-15

Demandes PCT entrant en phase nationale

[21] **2,328,347**
[13] A1

[51] **Int.Cl. 6B32B 18/00 6H01M 8/02 6C04B 35/622**
[25] EN
[54] **GLASS-CERAMIC COATINGS AND SEALING ARRANGEMENTS AND THEIR USE IN FUEL-CELLS**
[54] **REVETEMENTS VITROCERAMIQUES ET ENSEMBLES D'ETANCHEITE ET LEUR UTILISATION DANS DES CELLULES ELECTROCHIMIQUES**
[72] THOMPSON, CHRISTOPHER, GB
[72] WOOD, ANTHONY, GB
[72] PYKE, STEPHEN, GB
[71] ALSTOM UK LTD., GB
[85] 2000-10-13
[86] 1999-04-16 (PCT/GB99/01060)
[87] 1999-10-28 (WO99/54131)
[30] GB (9807977.5) 1998-04-16

[21] **2,328,348**
[13] A1

[51] **Int.Cl. 6C07C 217/60 6C07C 229/18 6A61K 31/19 6A61K 31/22**
[25] EN
[54] **2-METHYLPROPIONIC ACID DERIVATIVES AND MEDICINAL COMPOSITIONS CONTAINING THE SAME**
[54] **DERIVES DE L'ACIDE 2-METHYLPROPIONIQUE ET COMPOSITIONS MEDICINALE CORRESPONDANTES**
[72] TAMAI, TETSURO, JP
[72] MURANAKA, HIDEYUKI, JP
[72] HIRABAYASHI, AKIHITO, JP
[72] MUKAIYAMA, HARUNOBU, JP
[72] TANAKA, NOBUYUKI, JP
[72] AKAHANE, MASUO, JP
[71] KISSEI PHARMACEUTICAL CO., LTD., JP
[85] 2000-10-13
[86] 1999-04-07 (PCT/JP99/01836)
[87] 1999-10-21 (WO99/52856)
[30] JP (10/142028) 1998-04-14

[21] **2,328,349**
[13] A1

[51] **Int.Cl. 6G09B 5/06**
[25] EN
[54] **VOICE BOOK SYSTEM**
[54] **SYSTEME DE LIVRE VOCAL**
[72] HO, FREDERICK PAK WAI, CN
[71] HO, FREDERICK PAK WAI, CN
[85] 2000-10-13
[86] 1999-04-27 (PCT/GB99/01303)
[87] 1999-11-04 (WO99/56265)
[30] US (09/066,996) 1998-04-27

[21] **2,328,351**
[13] A1

[51] **Int.Cl. 6F28D 20/00**
[25] EN
[54] **SYSTEM FOR THERMO-CHEMICAL ACCUMULATION OF HEAT**
[54] **SYSTEME PERMETTANT UNE ACCUMULATION THERMOCHIMIQUE DE CHALEUR**
[72] PETESSE, PIETRO, IT
[71] PROGETTO FA.RO S.R.L., IT
[85] 2000-10-13
[86] 1999-04-13 (PCT/IT99/00087)
[87] 1999-10-21 (WO99/53257)
[30] IT (RM98A000233) 1998-04-15
[30] IT (RM98A000287) 1998-05-04

[21] **2,328,353**
[13] A1

[51] **Int.Cl. 6H03G 3/00 6H04B 1/00 6H03G 3/20**
[25] EN
[54] **USER ADJUSTABLE VOLUME CONTROL THAT ACCOMMODATES HEARING**
[54] **COMMANDE DE VOLUME REGLABLE PAR L'UTILISATEUR D'ADAPTATION DE LA CAPACITE AUDITIVE**
[72] BLUM, RONALD D., US
[72] SAUNDERS, WILLIAM R., US
[72] VAUDREY, MICHAEL A., US
[71] HEARING ENHANCEMENT COMPANY, LLC, US
[85] 2000-10-13
[86] 1999-04-14 (PCT/US99/08055)
[87] 1999-10-21 (WO99/53612)
[30] US (09/059,307) 1998-04-14
[30] US (09/059,303) 1998-04-14
[30] US (09/059,304) 1998-04-14
[30] US (60/109,506) 1998-11-23

[21] **2,328,354**
[13] A1

[51] **Int.Cl. 6H04N 7/52**
[25] EN
[54] **APPARATUS AND METHOD FOR DYNAMIC MULTIPLEXING**
[54] **APPAREIL ET PROCEDE DESTINES AU MULTIPLEXAGE DYNAMIQUE**
[72] ACHOUR, MAHA, US
[71] TIERNAN COMMUNICATIONS, INC., US
[85] 2000-10-13
[86] 1999-04-15 (PCT/US99/08256)
[87] 1999-10-28 (WO99/55092)
[30] US (60/082,146) 1998-04-17

[21] **2,328,355**
[13] A1

[51] **Int.Cl. 6H01M 8/22 6C25B 1/00 6C01B 17/04 6H01M 8/06 6H01M 8/12**
[25] EN
[54] **ELECTROCHEMICAL OXIDATION OF HYDROGEN SULFIDE**
[54] **OXYDATION ELECTROCHIMIQUE DE SULFURE D'HYDROGENE**
[72] SANGER, ALAN R., CA
[72] SLAVOV, STEFAN V., CA
[72] CHUANG, KARL T., CA
[72] DONINI, JOHN C. (deceased), CA
[72] STANIC, VESNA, CA
[71] ETHYL TECH, INC., CA
[85] 2000-10-13
[86] 1999-04-16 (PCT/CA99/00332)
[87] 1999-10-28 (WO99/54950)
[30] US (09/061,109) 1998-04-16

[21] **2,328,409**
[13] A1

[51] **Int.Cl. 6A47C 3/04**
[25] EN
[54] **CHAIR**
[54] **FAUTEUIL**
[72] STEWART, ROBERT L., US
[72] CHAN LIZARDO, KRISTINE R., US
[72] VALE, ALAN M., US
[72] VASSALLO, STEVEN P., US
[72] RITCH, DAVID J., US
[72] SAFFELL, MARK, US
[71] STEELCASE INC., US
[85] 2000-11-06
[86] 1999-05-13 (PCT/US99/10430)
[87] 1999-11-25 (WO99/59447)
[30] US (09/079,531) 1998-05-15

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[21] **2,328,413**
[13] A1

[51] **Int.Cl. 6C07C 237/28 6A61K 31/165**
[25] EN
[54] **ANTHRANILIC ACID DERIVATIVES AS INHIBITORS OF THE CGMP-PHOSPHODIESTERASE**
[54] **DERIVES D'ACIDE ANTHRENIQUE UTILISES COMME INHIBITEURS DE CGMP-PHOSPHODIESTERASE**
[72] INOUE, TAKAYUKI, JP
[72] KAYAKIRI, NATSUKO, JP
[72] SAWADA, YUKI, JP
[72] KURODA, AKIO, JP
[72] OKU, TERUO (Deceased), JP
[72] SAWADA, KOZO, JP
[72] MIZUTANI, TSUYOSHI, JP
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP
[85] 2000-10-11
[86] 1999-04-15 (PCT/JP99/02028)
[87] 1999-10-28 (WO99/54284)
[30] AU (PP 3085) 1998-04-20
[30] AU (PP 5851) 1998-09-11
[30] AU (PP 7781) 1998-12-18

[21] **2,328,419**
[13] A1

[51] **Int.Cl. 7A62B 18/08**
[25] EN
[54] **RESPIRATOR HEADPIECE AND RELEASE MECHANISM**
[54] **PIECE D'APPAREIL RESPIRATOIRE CONCUE POUR LA TETE ET MECANISME A OUVERTURE RAPIDE**
[72] KRAUSS, KEVIN, US
[72] HONAN, DAVID, US
[72] FECTEAU, KEITH E., US
[71] CABOT SAFETY INTERMEDIATE CORPORATION, US
[85] 2000-10-11
[86] 2000-02-07 (PCT/US00/03158)
[87] 2000-08-31 (WO00/50122)
[30] US (09/255,601) 1999-02-22

[21] **2,328,420**
[13] A1

[51] **Int.Cl. 6E21B 43/10 6E21B 29/10 6F16L 11/12 6F16L 55/165**
[25] EN
[54] **DEFORMABLE LINER TUBE**
[54] **TUBAGE DEFORMABLE**
[72] LOHBECK, WILHELMUS CHRISTIANUS MARIA, NL
[71] SHELL CANADA LIMITED, CA
[85] 2000-10-11
[86] 1999-04-23 (PCT/EP99/03013)
[87] 1999-11-04 (WO99/56000)
[30] EP (98303146.9) 1998-04-23

[21] **2,328,426**
[13] A1

[51] **Int.Cl. 6B62M 7/12 6B62M 23/02**
[25] EN
[54] **MODULAR MOTORIZED ELECTRIC WHEEL HUB ASSEMBLY FOR BICYCLES AND THE LIKE**
[54] **ENSEMBLE MOYEU DE ROUE ELECTRIQUE, MOTORISE, MODULAIRE POUR BICYCLETES ET ANALOGUE**
[72] BIRKESTRAND, ORVILLE J., US
[71] BIRKESTRAND, ORVILLE J., US
[85] 2000-10-11
[86] 1999-04-21 (PCT/US99/08696)
[87] 1999-11-18 (WO99/58394)
[30] US (09/076,317) 1998-05-11

[21] **2,328,432**
[13] A1

[51] **Int.Cl. 6F16H 55/56 6F16H 61/00**
[25] EN
[54] **REVERSIBLE DRIVEN PULLEY**
[54] **POULIE D'ENTRAINEMENT REVERSIBLE**
[72] CHAMBERLAND, RENE, CA
[71] POWERBLOC IBC CANADA INC., CA
[85] 2000-10-11
[86] 1999-04-16 (PCT/CA99/00337)
[87] 1999-10-28 (WO99/54647)
[30] CA (2,231,491) 1998-04-16

[21] **2,328,436**
[13] A1

[51] **Int.Cl. 6A61K 47/48**
[25] EN
[54] **COMB COPOLYMERS FOR REGULATING CELL-SURFACE INTERACTIONS**
[54] **COPOLYMERES A STRUCTURES EN PEIGNE, DESTINES A REGULER DES INTERACTIONS CELLULE/SURFACE**
[72] GRIFFITH, LINDA G., US
[72] IRVINE, DARRELL J., US
[72] BANNERJEE, PALLAB, US
[72] JOHNSON, TERRY D., US
[72] MAYES, ANNE M., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2000-10-11
[86] 1999-04-13 (PCT/US99/08031)
[87] 1999-10-21 (WO99/52560)
[30] US (60/081,596) 1998-04-13

[21] **2,328,437**
[13] A1

[51] **Int.Cl. 7H04Q 11/04**
[25] EN
[54] **METHOD OF AND APPARATUS FOR ISOCHRONOUS DATA COMMUNICATION**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION DE DONNEES ISOCHRONES**
[72] BAKER, MATTHEW P. J., NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2000-10-11
[86] 2000-01-24 (PCT/EP00/00512)
[87] 2000-08-17 (WO00/48421)
[30] GB (9903144.5) 1999-02-12

[21] **2,328,439**
[13] A1

[51] **Int.Cl. 6H01J 40/14**
[25] EN
[54] **MAINTAINING LED LUMINOUS INTENSITY**
[54] **MAINTIEN DE L'INTENSITE LUMINEUSE DE DIODES ELECTROLUMINESCENTES (LED)**
[72] HOCHSTEIN, PETER A., US
[71] HOCHSTEIN, PETER A., US
[85] 2000-10-11
[86] 1998-04-27 (PCT/US98/08432)
[87] 1999-11-04 (WO99/56303)

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,328,440 [13] A1</p> <p>[51] Int.Cl. 6C07D 213/82 6C07D 401/04 6C07D 405/12 6C07D 295/155 6C07D 239/42 6A61K 31/44 6A61K 31/455 6A61K 31/495 6C07D 215/50 6A61K 31/505 6C07D 317/60</p> <p>[25] EN [54] HETEROCYCLICALLY SUBSTITUTED AMIDES USED AS CALPAIN INHIBITORS [54] AMIDES SUBSTITUES PAR VOIE HETEROCYCLIQUE ET UTILISES COMME INHIBITEURS DE CALPAINE</p> <p>[72] MOLLER, ACHIM, DE [72] TREIBER, HANS-JORG, DE [72] KNOPP, MONIKA, DE [72] LUBISCH, WILFRIED, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-10-11 [86] 1999-04-20 (PCT/EP99/02632) [87] 1999-10-28 (WO99/54305) [30] DE (198 17 462.4) 1998-04-20</p>	<p style="text-align: center;">[21] 2,328,442 [13] A1</p> <p>[51] Int.Cl. 6G01F 23/296</p> <p>[25] EN [54] METHOD AND DEVICE FOR DETERMINING THE FILLING LEVEL IN CONTAINERS [54] PROCEDE ET DISPOSITIF POUR DETERMINER LE NIVEAU DE REMPLISSAGE DE RECIPIENTS</p> <p>[72] GOLLER, HANS-ULRICH, DE [72] HEUFT, BERNHARD, DE [71] HEUFT SYSTEMTECHNIK GMBH, DE [85] 2000-10-11 [86] 1999-04-27 (PCT/EP99/02828) [87] 1999-11-04 (WO99/56094) [30] DE (198 18 768.8) 1998-04-27</p>	<p style="text-align: center;">[21] 2,328,446 [13] A1</p> <p>[51] Int.Cl. 6B23B 31/113 6B25D 17/08</p> <p>[25] EN [54] QUICK COUPLER MECHANISM FOR POWER TOOL BITS [54] MECANISME DE COUPLAGE RAPIDE POUR FORETS DE MACHINE A USINER</p> <p>[72] HARTMAN, ROBERT L., US [71] SNAP-ON TOOLS COMPANY, US [85] 2000-10-11 [86] 1999-11-12 (PCT/US99/26988) [87] 2000-08-17 (WO00/47356) [30] US (09/249,422) 1999-02-12</p>
<p style="text-align: center;">[21] 2,328,441 [13] A1</p> <p>[51] Int.Cl. 7H04B 7/26 7H04B 7/00 7H04B 7/216</p> <p>[25] EN [54] DEVICE AND METHOD OF CONTINUOUS OUTER-LOOP POWER CONTROL IN DTX MODE FOR CDMA MOBILE COMMUNICATION SYSTEM [54] DISPOSITIF ET PROCEDE DE REGULATION DE PUISSANCE CONTINUE PAR BOUCLE EXTERIEURE EN MODE DE TRANSMISSION DISCONTINUE DESTINES A UN SYSTEME DE COMMUNICATION MOBILE AMCR</p> <p>[72] AHN, JAE-MIN, KR [72] YEOM, JAE-HEUNG, KR [72] MAENG, SEUNG-JOO, KR [72] KIM, YOUNG-KY, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-10-11 [86] 2000-02-14 (PCT/KR00/00115) [87] 2000-08-17 (WO00/48336) [30] KR (1999/5300) 1999-02-13</p>	<p style="text-align: center;">[21] 2,328,444 [13] A1</p> <p>[51] Int.Cl. 6F21V 8/00</p> <p>[25] EN [54] THERMALLY PROTECTIVE COUPLING FOR A LIGHT CONDUIT LIGHTING SYSTEM [54] RACCORD THERMO-ISOLANT POUR UN SYSTEME D'ECLAIRAGE A CONDUITE DE LUMIERE</p> <p>[72] RADKE, DUWAYNE C., US [72] HOFFMAN, JOSEPH A., US [72] POJAR, STEPHEN J., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-10-11 [86] 1998-09-10 (PCT/US98/18801) [87] 1999-10-21 (WO99/53241) [30] US (09/060,558) 1998-04-15</p>	<p style="text-align: center;">[21] 2,328,453 [13] A1</p> <p>[51] Int.Cl. 6C08G 65/26 6C08G 65/10</p> <p>[25] EN [54] METHOD FOR PRODUCING LONG-CHAIN POLYETHERPOLYOLS WITHOUT REPROCESSING [54] PROCEDE POUR LA PRODUCTION SANS RETRAITEMENT DE POLYOLS DE POLYETHER A CHAINE LONGUE</p> <p>[72] GUPTA, PRAMOD, DE [72] HOFMANN, JORG, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-10-13 [86] 1999-04-08 (PCT/EP99/02397) [87] 1999-10-28 (WO99/54383) [30] DE (198 17 676.7) 1998-04-21</p>
<p style="text-align: center;">[21] 2,328,445 [13] A1</p> <p>[51] Int.Cl. 6H04L 12/58 6H04N 1/00 6H04L 29/06</p> <p>[25] EN [54] COMMUNICATIONS SYSTEM AND METHOD FOR TRANSMITTING DATA [54] SYSTEME DE COMMUNICATION ET PROCEDE DE TRANSMISSION DE DONNEES</p> <p>[72] MOHR, MICHAEL, DE [71] DCI DATABASE FOR COMMERCE AND INDUSTRY AG, DE [85] 2000-10-13 [86] 1999-04-14 (PCT/EP99/02490) [87] 1999-10-21 (WO99/53657) [30] DE (198 16 700.8) 1998-04-15</p>	<p style="text-align: center;">[21] 2,328,454 [13] A1</p> <p>[51] Int.Cl. 6E21B 43/119 6E21B 47/024</p> <p>[25] EN [54] ORIENTING DOWNHOLE TOOLS [54] ORIENTATION D'OUTILS DE FOND DE Puits</p> <p>[72] ALMAGUER, JAMES, US [72] ZIMMERMAN, THOMAS, US [72] LOPEZ DE CARDENAS, JORGE, US [71] SCHLUMBERGER TECHNOLOGY CORPORATION, US [85] 2000-10-11 [86] 1999-04-15 (PCT/US99/08222) [87] 1999-10-21 (WO99/53172) [30] US (60/082,052) 1998-04-16</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,328,456 [13] A1</p> <p>[51] Int.Cl. 6B67C 11/00 [25] EN [54] PINCH NECK POUR SPOUT CONTAINER [54] RECIPIENT A BEC VERSEUR A COL PINCE [72] CARGILE, DAVID W., US [71] GRAHAM PACKAGING COMPANY, L.P., US [85] 2000-10-11 [86] 1999-04-12 (PCT/US99/07950) [87] 1999-10-21 (WO99/52812) [30] US (09/061,823) 1998-04-16</p>	<p style="text-align: right;">[21] 2,328,466 [13] A1</p> <p>[51] Int.Cl. 6B65D 81/34 [25] EN [54] MICROWAVEABLE BAG HAVING STAND-UP, WIDE MOUTH, FEATURES; AND, METHOD [54] SAC UTILISABLE AU FOUR A MICRO-ONDES, PRESENTANT UN SOCLE ET UNE GRANDE EMBOUCHURE ET PROCEDE ASSOCIE [72] JACKSON, ERIC C., US [72] HANSON, DENISE E., US [71] CONAGRA, INC., US [85] 2000-10-11 [86] 1999-04-14 (PCT/US99/07736) [87] 1999-10-21 (WO99/52790) [30] US (09/060,159) 1998-04-14</p>	<p style="text-align: right;">[21] 2,328,469 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/36 [25] EN [54] CODED ALLOCATION FOR SECTORISED RADIOCOMMUNICATION SYSTEMS [54] AFFECTATION CODEE DESTINEE A DES SYSTEMES DE RADIOCOMMUNICATION SECTORISES [72] FREDRIK, KRONESTEDT, SE [72] SARA, MAZUR, SE [72] JONAS, KARLSSON, JP [72] FREDRIK, OVESJO, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-10-11 [86] 1999-05-07 (PCT/SE99/00779) [87] 1999-11-25 (WO99/60809) [30] US (09/079,355) 1998-05-15</p>
<p style="text-align: right;">[21] 2,328,461 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/29 6C12P 21/00 6C12Q 1/25 [25] EN [54] FLOWERING LOCUS T (FT) AND GENETICALLY MODIFIED PLANTS HAVING MODULATED FLOWER DEVELOPMENT [54] LOCUS T DE FLORAISON (FT) ET PLANTES GENETIQUEMENT MODIFIEES PRESENTANT UN DEVELOPPEMENT FLORAL MODULE [72] WEIGEL, DETLEF, US [71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US [85] 2000-10-13 [86] 1999-04-13 (PCT/US99/08151) [87] 1999-10-21 (WO99/53070) [30] US (09/060,726) 1998-04-15</p>	<p style="text-align: right;">[21] 2,328,467 [13] A1</p> <p>[51] Int.Cl. 6A61F 5/04 [25] EN [54] SUTURELESS SOFT TISSUE FIXATION ASSEMBLY [54] ENSEMBLE FIXATION DE TISSUS MOUS, SANS SUTURE [72] FENTON, PAUL V., JR., US [71] AXYA MEDICAL, INC., US [85] 2000-10-13 [86] 1999-04-13 (PCT/US99/08043) [87] 1999-10-21 (WO99/52478) [30] US (09/061,473) 1998-04-16</p>	<p style="text-align: right;">[21] 2,328,470 [13] A1</p> <p>[51] Int.Cl. 6D02G 3/00 [25] EN [54] POLYESTER FIBER AND METHODS FOR MAKING SAME [54] FIBRE DE POLYESTER ET PROCEDES DE FABRICATION DE CETTE FIBRE [72] FLINT, JOHN A., US [72] CHARBONNEAU, LARRY F., US [72] WITTELER, HELMUT B., DE [72] KHANARIAN, GARO, US [72] JOHNSON, ROBERT E., US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-10-13 [86] 1999-04-22 (PCT/US99/07015) [87] 1999-10-28 (WO99/54534) [30] US (09/064,719) 1998-04-23</p>
<p style="text-align: right;">[21] 2,328,465 [13] A1</p> <p>[51] Int.Cl. 6A61K 47/36 6A61K 7/48 [25] EN [54] GLYCOLIPID CREAMS [54] CREMES A BASE DE GLYCOLIPIDE [72] MUNK, GABRIELE, DE [72] WALDMANN-LAUE, MARIANNE, DE [72] HEINEN, SORAYA, DE [72] FORSTER, THOMAS, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-10-11 [86] 1999-04-06 (PCT/EP99/02322) [87] 1999-10-21 (WO99/52557) [30] DE (198 16 665.6) 1998-04-15</p>	<p style="text-align: right;">[21] 2,328,468 [13] A1</p> <p>[51] Int.Cl. 7C23G 5/00 7B08B 7/00 [25] EN [54] APPARATUS AND METHOD FOR TREATMENT OF ELECTRICALLY CONDUCTIVE CONTINUOUS MATERIAL [54] PROCEDE ET DISPOSITIF POUR TRAITER UN MATERIAU CONTINU ELECTROCONDUCTEUR [72] JAGER, HELMUT, AT [72] AIGNER, HANSJORG, AT [71] MAG MASCHINEN UND APPARATEBAU AKTIENGESELLSCHAFT, AT [85] 2000-10-11 [86] 2000-02-23 (PCT/EP00/01490) [87] 2000-08-31 (WO00/50667) [30] DE (199 07 911.0) 1999-02-24</p>	

Demandes PCT entrant en phase nationale

[21] **2,328,473**
[13] A1

[51] **Int.Cl. 7G01N 21/03 7B01L 3/00**
[25] EN
[54] **METHOD FOR DIFFERENTIAL SPECTROSCOPIC MEASUREMENTS**
[54] **PROCEDE POUR EFFECTUER DES MESURES SPECTROSCOPIQUES DIFFERENTIELLES**
[72] BERNHAGEN, JURGEN, DE
[72] VITZTHUM, FRANK, DE
[72] BRUNNER, HERWIG, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2000-10-11
[86] 2000-02-11 (PCT/EP00/01121)
[87] 2000-08-24 (WO00/49393)
[30] DE (199 06 264.1) 1999-02-15

[21] **2,328,474**
[13] A1

[51] **Int.Cl. 6B32B 7/02 6C08G 63/66**
[25] EN
[54] **SHEETS FORMED FROM POLYESTERS INCLUDING ISOSORBIDE**
[54] **FEUILLES CONSTITUEES DE POLYESTERS CONTENANT DE L'ISOSORBIDE**
[72] WITTELER, HELMUT, B., DE
[72] KHANARIAN, GARO, US
[72] CHARBONNEAU, LARRY, F., US
[72] JOHNSON, ROBERT E., US
[72] LEE, RUSSELL G., US
[72] SANDOR, ROBERT, B., US
[72] NELSON, GREGORY V., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-13
[86] 1999-04-16 (PCT/US99/06534)
[87] 1999-10-28 (WO99/54129)
[30] US (09/064,862) 1998-04-23

[21] **2,328,475**
[13] A1

[51] **Int.Cl. 6C10B 21/20**
[25] EN
[54] **IMPROVED DELAYED COKER UNIT FURNACE**
[54] **PERFECTIONNEMENT D'UN FOUR A COKEFACTION DIFFEREE**
[72] DOERKSEN, BRIAN J., US
[71] CONOCO INC., US
[85] 2000-10-11
[86] 1999-04-01 (PCT/US99/07353)
[87] 1999-11-25 (WO99/60075)
[30] US (09/079,889) 1998-05-15

[21] **2,328,479**
[13] A1

[51] **Int.Cl. 6A01N 25/30 6A01N 35/06 6A01N 37/32 6A01N 47/34 6A01N 47/36 6A01N 47/38 6A01N 43/54 6A01N 43/56 6A01N 43/653 6A01N 43/80 6A01N 43/82 6A01N 43/84 6A01N 43/90**
[25] EN
[54] **ALKYL ETHER CITRATE, TARTRATE, OR ADIPATE SURFACTANTS AND THEIR USE IN AGRICULTURAL FORMULATIONS**
[54] **TENSIOACTIFS DE CITRATE, DE TARTRATE OU D'ADIPATE D'ALKYLETHER ET LEUR UTILISATION DANS DES FORMULATIONS AGRICOLES**
[72] BEESTMAN, GEORGE B., US
[72] GREEN, JERRY M., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-13
[86] 1999-05-17 (PCT/US99/10857)
[87] 1999-11-25 (WO99/59406)
[30] US (60/085,801) 1998-05-18

[21] **2,328,480**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **TRUSTED AGENT FOR ELECTRONIC COMMERCE**
[54] **FIDUCIAIRE POUR LE COMMERCE ELECTRONIQUE**
[72] GOLDSTEIN, THEODORE C., US
[72] MARTINEZ, RONALD G., US
[72] RUBIN, PAUL D., US
[71] THE BRODIA GROUP, US
[85] 2000-10-11
[86] 1999-12-09 (PCT/US99/29249)
[87] 2000-06-22 (WO00/36539)
[30] US (60/111,988) 1998-12-12
[30] US (09/458,350) 1999-12-09

[21] **2,328,482**
[13] A1

[51] **Int.Cl. 6G06F 17/50**
[25] EN
[54] **ENERGETICALLY FAVORABLE BINDING SITE DETERMINATION BETWEEN TWO MOLECULES**
[54] **DETERMINATION D'UN SITE DE FIXATION FAVORABLE SUR LE PLAN ENERGETIQUE ENTRE DEUX MOLECULES**
[72] SYGUSCH, JURGEN, CA
[72] BLOM, NICO, CA
[71] UNIVERSITE DE MONTREAL, CA
[85] 2000-10-11
[86] 1998-04-15 (PCT/CA98/00327)
[87] 1998-10-22 (WO98/47088)
[30] US (08/837,967) 1997-04-15

[21] **2,328,484**
[13] A1

[51] **Int.Cl. 6C08G 63/66**
[25] EN
[54] **POLYESTER FILM AND METHODS FOR MAKING SAME**
[54] **FILM DE POLYESTER ET SES PROCEDES DE FABRICATION**
[72] KHANARIAN, GARO, US
[72] CHARBONNEAU, LARRY F., US
[72] KITCHENS, CAROL, US
[72] SHEN, SUNNY S., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-13
[86] 1999-04-22 (PCT/US99/07010)
[87] 1999-10-28 (WO99/54529)
[30] US (09/064,858) 1998-04-23

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[21] **2,328,487**
[13] A1

[51] **Int.Cl. 6E01C 23/16**
[25] EN
[54] **APPARATUS AND METHOD FOR INTEGRATED PAVEMENT MARKING**
[54] **APPAREIL PERMETTANT UN MARQUAGE INTEGRE DE LA CHAUSSEE ET TECHNIQUE CORRESPONDANTE**
[72] CROSBY, JACK L., US
[72] SCHAFFER, JAMES KENYON, US
[72] RANDALL, ROGER D., US
[72] EDWARDS, JOHN L., US
[72] HUFFMAN, BRIAN D., US
[72] URBAS, MICHAEL E., US
[72] HUNSICKER, ROBERT P., US
[72] SVALDI, PAUL, US
[71] INTERSTATE HIGHWAY CONSTRUCTION INC., US
[85] 2000-10-13
[86] 1999-04-30 (PCT/US99/09514)
[87] 1999-11-11 (WO99/57374)
[30] US (60/083,786) 1998-05-01

[21] **2,328,518**
[13] A1

[51] **Int.Cl. 6C12N 15/56 6C12N 5/00 6C12N 5/10 6C12N 9/24 6A61K 38/47 6C12N 15/85**
[25] EN
[54] **RECOMBINANT (ALPHA)-L-IDURONIDASE, METHODS FOR PRODUCING AND PURIFYING THE SAME AND METHODS FOR TREATING DISEASES CAUSED BY DEFICIENCIES THEREOF**
[54] **(ALPHA)-L-IDURONIDASE RECOMBINEE, PROCEDES DE PRODUCTION ET DE PURIFICATION DE CELLE-CI ET METHODES DE TRAITEMENT DE MALADIES DUES A DES DEFICITS EN CELLE-CI**
[72] TANAMACHI, BECKY, US
[72] KAKKIS, EMIL D., US
[71] HARBOR-UCLA, US
[85] 2000-11-10
[86] 1999-05-07 (PCT/US99/10102)
[87] 1999-11-18 (WO99/58691)
[30] US (09/078,209) 1998-05-13
[30] US (09/170,977) 1998-10-13

[21] **2,328,520**
[13] A1

[51] **Int.Cl. 6A61K 38/19 6A61K 38/27 6C07K 14/475 6C07K 14/52 6C07K 14/61 6C07K 14/71 6C07K 14/715 6C07K 14/72**
[25] EN
[54] **USE OF ANTI-PROLACTIN AGENTS TO TREAT PROLIFERATIVE CONDITIONS**
[54] **UTILISATION D'AGENTS ANTI-PROLACTINE POUR LE TRAITEMENT D'ETATS PROLIFERATIFS**
[72] CHEN, WEN Y., US
[72] WAGNER, THOMAS E., US
[71] CHEN, WEN Y., US
[71] WAGNER, THOMAS E., US
[85] 2000-11-10
[86] 1999-05-11 (PCT/US99/10232)
[87] 1999-11-18 (WO99/58142)
[30] US (60/085,128) 1998-05-12
[30] US (09/246,041) 1999-02-05

[21] **2,328,522**
[13] A1

[51] **Int.Cl. 6C12P 1/00 6C12N 11/00 6C12P 19/00 6C12P 21/00 6C12N 11/02 6C12P 21/02 6C07K 1/04 6C12N 11/06 6C07K 14/62**
[25] EN
[54] **METHOD FOR CATALYSING COMPLEX REACTIONS OF LARGE MOLECULES USING ENZYMES WHICH ARE BONDED TO A POLYMER SUPPORT**
[54] **PROCEDE DE CATALYSE DE REACTIONS COMPLEXES DE GRANDES MOLECULES AU MOYEN D'ENZYMES LIEES A UN SUPPORT POLYMERE**
[72] BONGS, JURGEN, DE
[72] MEIWES, JOHANNES, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2000-11-14
[86] 1999-05-03 (PCT/EP99/02973)
[87] 1999-11-25 (WO99/60150)
[30] DE (198 21 866.4) 1998-05-15

[21] **2,328,527**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/18 6C07K 14/475**
[25] EN
[54] **SECRETED PROTEINS**
[54] **PROTEINES SECRETEES**
[72] MCCOY, JOHN M., US
[72] RACIE, LISA, US
[72] AGOSTINO, MICHAEL, US
[72] LAVALLIE, EDWARD, US
[72] EVANS, CHERYL, US
[72] TREACY, MAURICE, US
[72] JACOBS, KENNETH, US
[72] HONJO, TASUKU, JP
[72] MERBERG, DAVID, US
[72] NAKAMURA, TOMOYUKI, US
[72] LU, ZHIJIAN, US
[72] TASHIRO, KEI, JP
[71] GENETICS INSTITUTE, INC., US
[85] 2000-11-17
[86] 1999-05-18 (PCT/US99/10931)
[87] 1999-11-25 (WO99/60125)
[30] US (09/081,002) 1998-05-19
[30] US (09/083,002) 1998-05-21

[21] **2,328,528**
[13] A1

[51] **Int.Cl. 6A61K 39/395 6C07K 16/08 6C07K 16/12 6C07K 16/14 6C07K 16/28 6C07K 16/30 6A61K 39/40 6A61K 39/42 6C07K 16/46**
[25] EN
[54] **THERAPEUTICS USING A BISPECIFIC ANTI-HLA CLASS II INVARIANT CHAIN X ANTI-PATHOGEN ANTIBODY**
[54] **MEDICAMENT RENFERMANT UN ANTICORPS BISPECIFIQUE ANTIPATHOGENE/ANTI-CHAINE INVARIANTE DE LA CLASSE II DU SYSTEME HLA**
[72] HANSEN, HANS, US
[71] IMMUNOMEDICS, INC., US
[85] 2000-11-20
[86] 1999-05-19 (PCT/US99/10449)
[87] 1999-11-25 (WO99/59633)
[30] US (60/086,133) 1998-05-20

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[13] A1

[51] **Int.Cl. 6A61K 38/17 6A61K 38/24**
[25] EN
[54] **IMMUNOREGULATOR**
[54] **IMMUNOREGULATEUR**
[72] BENNER, ROBBERT, NL
[72] SVELKOU, HUBERTUS
FRANCISCUS JOSEF, NL
[72] KHAN, NISAR AHMED, NL
[71] ERASMUS UNIVERSITEIT
ROTTERDAM, NL
[85] 2000-11-20
[86] 1999-05-20 (PCT/NL99/00313)
[87] 1999-11-25 (WO99/59617)
[30] EP (98201695.8) 1998-05-20
[30] EP (98202706.2) 1998-08-12

[21] **2,328,607**
[13] A1

[51] **Int.Cl. 6A61K 31/405 6C07D 209/08**
[25] EN
[54] **ANTIDIABETIC AGENTS**
[54] **AGENTS ANTIDIABETIQUES**
[72] JONES, ANTHONY B., US
[72] LIU, KUN, US
[72] ZHANG, BEI, US
[72] WOOD, HAROLD B., US
[71] MERCK & CO., INC., US
[85] 2000-09-27
[86] 1999-03-29 (PCT/US99/06767)
[87] 1999-10-14 (WO99/51225)
[30] US (60/080,398) 1998-04-02
[30] GB (9812208.8) 1998-06-05
[30] US (60/096,135) 1998-08-10
[30] GB (9823088.1) 1998-10-21

[21] **2,328,608**
[13] A1

[51] **Int.Cl. 6B29D 22/00 6D02G 3/00 6C08G 63/66**
[25] EN
[54] **ISOSORBIDE CONTAINING POLYESTERS AND METHODS FOR MAKING SAME**
[54] **POLYESTERS CONTENANT DE L'ISOSORBIDE ET PROCEDES DE FABRICATION ASSOCIES**
[72] KHANARIAN, GARO, US
[72] JOHNSON, ROBERT E., US
[72] WITTELER, HELMUT B., DE
[72] CHARBONNEAU, LARRY F., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-13
[86] 1999-04-16 (PCT/US99/06535)
[87] 1999-10-28 (WO99/54119)
[30] US (09/064,720) 1998-04-23

[21] **2,328,610**
[13] A1

[51] **Int.Cl. 6F02D 41/14 6F02D 43/04**
[25] EN
[54] **ELECTRONIC ENGINE CONTROL SYSTEM HAVING NET ENGINE TORQUE CALCULATOR**
[54] **COMMANDE ELECTRONIQUE DE MOTEUR AVEC CALCULATRICE DE COUPLE MOTEUR NET**
[72] IWASZKIEWICZ, TITUS J., US
[72] ISAAC, EMAD S., US
[71] INTERNATIONAL TRUCK AND ENGINE CORPORATION, US
[85] 2000-10-13
[86] 1999-06-04 (PCT/US99/12611)
[87] 1999-12-29 (WO99/67522)
[30] US (09/103,267) 1998-06-23

[21] **2,328,611**
[13] A1

[51] **Int.Cl. 6B26D 9/00**
[25] EN
[54] **METHOD AND DEVICE FOR CUTTING SHEETS COMPRISED OF A CARRIER FILM AND A DECORATIVE LAYER LOCATED THEREON, ESPECIALLY EMBOSSED SHEETS**
[54] **PROCEDE ET DISPOSITIF POUR LE DECOUPAGE DE FEUILLES CONSTITUEES PAR UN FILM SUPPORT PRESENTANT UNE COUCHE DE DECORATION, EN PARTICULIER DE FEUILLES GRAINEES**
[72] LUTZ, NORBERT, DE
[72] HOPFENSITZ, RALPH, DE
[71] LEONHARD KURZ GMBH & CO., DE
[85] 2000-10-13
[86] 1999-03-01 (PCT/DE99/00606)
[87] 1999-10-28 (WO99/54100)
[30] DE (198 16 793.8) 1998-04-16

[21] **2,328,613**
[13] A1

[51] **Int.Cl. 6B67B 7/04**
[25] EN
[54] **ELECTRICAL CORKSCREW WITH DEPTH PENETRATION REGULATOR**
[54] **TIRE-BOUCHON ELECTRIQUE A REGULATEUR DE PENETRATION EN PROFONDEUR**
[72] FABBRO, ALBERTO, IT
[71] FABBRO, ALBERTO, IT
[85] 2000-10-13
[86] 1999-04-12 (PCT/IB99/00644)
[87] 1999-10-21 (WO99/52809)
[30] IT (UD98A000061) 1998-04-15

[21] **2,328,614**
[13] A1

[51] **Int.Cl. 7A61K 47/48 7C12N 11/14 7G01N 33/543**
[25] EN
[54] **MATRICES FOR DRUG DELIVERY AND METHODS FOR MAKING AND USING THE SAME**
[54] **MATRICES D'ADMINISTRATION DE MEDICAMENTS ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES DERNIERES**
[72] BONAVIA, GRANT, US
[72] ZUBIETA, JON, US
[72] BABICH, JOHN W., US
[71] BIOSTREAM, INC., US
[85] 2000-10-11
[86] 2000-02-14 (PCT/US00/03754)
[87] 2000-08-17 (WO00/47236)
[30] US (60/119,828) 1999-02-12

[21] **2,328,615**
[13] A1

[51] **Int.Cl. 6H01M 8/02 6C09J 4/00 6C09J 183/05 6C09K 3/10**
[25] EN
[54] **SEALING MATERIAL FOR FUEL CELL**
[54] **MATERIAU D'ETANCHEITE POUR PILE A COMBUSTIBLE**
[72] ADACHI, MAMORU, JP
[71] THREE BOND CO., LTD., JP
[85] 2000-10-13
[86] 1999-04-01 (PCT/JP99/01730)
[87] 1999-10-21 (WO99/53559)
[30] JP (10/101633) 1998-04-14

[21] **2,328,616**
[13] A1

[51] **Int.Cl. 6G01N 33/50 6G01N 33/574 6C12Q 1/68 6G01N 33/72**
[25] EN
[54] **METHODS FOR DISEASE DIAGNOSIS FROM STOOL SAMPLES**
[54] **PROCEDE DE DIAGNOSTIC DE MALADIES A PARTIR D'ECHANTILLONS DE SELLES**
[72] SHUBER, ANTHONY P., US
[72] LAPIDUS, STANLEY N., US
[71] EXACT LABORATORIES, INC., US
[85] 2000-10-11
[86] 1999-04-13 (PCT/US99/08013)
[87] 1999-10-21 (WO99/53316)
[30] US (09/059,713) 1998-04-13

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[21] **2,328,617**
[13] A1

[51] **Int.Cl. 7A01K 5/01 7A47K 11/06 7A47K 11/10**
[25] EN
[54] **CONTAINER RECIPIENT**
[72] ALTICOSALIAN, GERALD HAGOP, GB
[71] ALTICOSALIAN, GERALD HAGOP, GB
[85] 2000-10-13
[86] 2000-02-17 (PCT/GB00/00551)
[87] 2000-08-24 (WO00/48456)
[30] GB (9903889.5) 1999-02-19

[21] **2,328,618**
[13] A1

[51] **Int.Cl. 6C08L 27/06 6C08L 29/14**
[25] EN
[54] **POLYMER BLENDS OF POLYVINYL BUTYRAL WITH POLYVINYL CHLORIDE**
[54] **MELANGES POLYMERES DE POLYVINYL BUTYRAL AVEC DU CHLORURE DE POLYVINYLE**
[72] HOFMANN, GEORGE HENRY, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2000-10-13
[86] 1999-05-06 (PCT/US99/09868)
[87] 1999-11-11 (WO99/57196)
[30] US (09/073,296) 1998-05-06

[21] **2,328,619**
[13] A1

[51] **Int.Cl. 6F02M 31/12**
[25] EN
[54] **MODULAR AIR INTAKE HEATER CHAUFFAGE MODULAIRE DESTINE A UNE ADMISSION D'AIR**
[72] ANDERSON, CHADWICK P., US
[72] THIMMESCH, JAN P., US
[71] PHILLIPS & TEMRO INDUSTRIES INC., US
[85] 2000-10-11
[86] 1999-04-13 (PCT/US99/08025)
[87] 1999-10-21 (WO99/53187)
[30] US (09/060,808) 1998-04-15
[30] US (09/109,586) 1998-07-02
[30] US (09/189,822) 1998-11-10

[21] **2,328,620**
[13] A1

[51] **Int.Cl. 7B65D 1/02**
[25] EN
[54] **HOT-FILLABLE AND RETORTABLE FLAT paneled JAR**
[54] **BOCAL A PANNEAUX PLATS REMPLISSABLE A CHAUD ET STERILISABLE EN AUTOCLAVE**
[72] SMITH, MARVIN LEE, US
[72] ARNOLD, JAY, US
[72] MOMANY, TRACY MARIE, US
[72] STEWART, ROBERT ANDREW, US
[72] PREVOT, ROGER M., US
[72] GREEN, NICOLE, US
[71] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2000-10-11
[86] 2000-02-29 (PCT/US00/05118)
[87] 2000-09-08 (WO00/51895)
[30] US (60/122,317) 1999-03-01
[30] US (60/142,177) 1999-07-01

[21] **2,328,621**
[13] A1

[51] **Int.Cl. 7G21B 1/00 7G21B 1/02**
[25] EN
[54] **METHOD AND APPARATUS FOR COMPRESSING A BOSE-EINSTEIN CONDENSATE OF ATOMS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE COMPRIMER UN CONCENTRE D'ATOMES DE BOSE-EINSTEIN**
[72] LAOR, HERZEL, US
[71] LAOR, HERZEL, US
[85] 2000-10-11
[86] 1999-04-29 (PCT/US99/09277)
[87] 1999-11-04 (WO99/56284)
[30] US (60/083,517) 1998-04-29
[30] US (60/085,546) 1998-05-15
[30] US (60/089,971) 1998-06-19

[21] **2,328,622**
[13] A1

[51] **Int.Cl. 6H05B 3/14**
[25] EN
[54] **CARBON HEATING ELEMENT AND METHOD OF MANUFACTURING THE SAME**
[54] **ELEMENT CHAUFFANT EN CARBONE ET SON PROCEDE DE FABRICATION**
[72] TAKAHASHI, YUZURU, JP
[72] HIROHATA, TAKESHI, JP
[72] TAMURA, SADATAKA, JP
[71] OSAKA PREFECTURAL GOVERNMENT, JP
[71] E-TEC CORPORATION, JP
[85] 2000-10-12
[86] 1999-04-27 (PCT/JP99/02251)
[87] 1999-11-04 (WO99/56502)
[30] JP (10/134324) 1998-04-28

[21] **2,328,623**
[13] A1

[51] **Int.Cl. 6G01R 33/00**
[25] EN
[54] **ARC DETECTION SENSOR UTILIZING DISCRETE INDUCTORS**
[54] **DETECTEUR POUR LA DETECTION D'ARC UTILISANT DES INDUCTEURS DISCRETS**
[72] SCOTT, GARY W., US
[72] BROOKS, STANLEY J., US
[71] SQUARE D COMPANY, US
[85] 2000-10-12
[86] 1999-03-22 (PCT/US99/06251)
[87] 1999-10-21 (WO99/53331)
[30] US (09/060,594) 1998-04-15

[21] **2,328,624**
[13] A1

[51] **Int.Cl. 6G01B 11/02 6G01N 21/35**
[25] EN
[54] **NON-DESTRUCTIVE ANALYSIS OF A SEMICONDUCTOR USING REFLECTANCE SPECTROMETRY**
[54] **ANALYSE NON-DESTRUCTIVE DE SEMI-CONDUCTEUR PAR SPECTROMETRIE PAR REFLECTANCE**
[72] CHERKASSKY, ALEXANDER P., US
[71] CHERKASSKY, ALEXANDER P., US
[85] 2000-10-12
[86] 1999-04-20 (PCT/US99/08721)
[87] 1999-10-28 (WO99/54679)
[30] US (60/082,639) 1998-04-21
[30] US (09/294,247) 1999-04-19

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<p style="text-align: right;">[21] 2,328,625 [13] A1</p> <p>[51] Int.Cl. 6A61F 5/01 [25] EN [54] APPENDAGE CORRECTION DEVICE [54] DISPOSITIF DE CORRECTION D'APPENDICES [72] FOOTE, BRIAN, GB [71] DYNAMIC HEALTHCARE LTD., GB [85] 2000-10-12 [86] 1999-04-12 (PCT/GB99/01120) [87] 1999-10-21 (WO99/52477) [30] GB (9807858.7) 1998-04-15 [30] GB (9824807.3) 1998-11-13</p>	<p style="text-align: right;">[21] 2,328,711 [13] A1</p> <p>[51] Int.Cl. 6B24C 1/04 6B24C 9/00 6B26F 3/00 [25] EN [54] HIGH-PRESSURE FLUID-JET CUTTING DEVICE AND METHOD WITH ABRASIVE REMOVAL SYSTEM [54] MACHINE ET PROCEDE POUR LE DECOUPAGE A JET DE FLUIDE HAUTE PRESSION, AVEC DISPOSITIF D'ELIMINATION DES PARTICULES ABRASIVES [72] MASSENBURG, JOHN C., US [71] FLOW INTERNATIONAL CORPORATION, US [85] 2000-10-13 [86] 1999-04-28 (PCT/US99/09210) [87] 1999-11-04 (WO99/55492) [30] US (09/069,223) 1998-04-28</p>	<p style="text-align: right;">[21] 2,328,871 [13] A1</p> <p>[51] Int.Cl. 7A61K 38/08 7C12N 5/06 7C07K 7/14 [25] EN [54] METHODS FOR ACCELERATING BONE AND CARTILAGE GROWTH AND REPAIR [54] PROCEDES PERMETTANT D'ACCELERER LA REPARATION ET LA CROISSANCE DES OS ET DES CARTILAGES [72] DIZEREGA, GERE, US [72] RODGERS, KATHLEEN, US [71] UNIVERSITY OF SOUTHERN CALIFORNIA, US [85] 2001-01-12 [86] 1999-07-12 (PCT/US99/15735) [87] 2000-01-20 (WO00/02905) [30] US (60/092,653) 1998-07-13 [30] US (60/130,855) 1999-04-22</p>
<p style="text-align: right;">[21] 2,328,626 [13] A1</p> <p>[51] Int.Cl. 6B29C 33/42 6B60R 13/00 6B28B 7/02 [25] EN [54] METHOD FOR OVERMOLDING SINK MARKS FOR AN AUTOMOTIVE COMPONENT [54] PROCEDE DE SURMOULAGE DE DEPRESSIONS EN SURFACE D'UN COMPOSANT AUTOMOBILE [72] PORTER, MARSHALL RAY, US [71] CONIX CORPORATION, US [85] 2000-10-12 [86] 1999-04-12 (PCT/US99/07983) [87] 1999-10-21 (WO99/52697) [30] US (60/081,462) 1998-04-13</p>	<p style="text-align: right;">[21] 2,328,715 [13] A1</p> <p>[51] Int.Cl. 7A61F 9/007 7A61B 17/32 [25] EN [54] SURGICAL KNIFE - CAPSULOTOME [54] COUPEAU CHIRURGICAL - CAPSULOTOME [72] CHRISTOPOULOS, DIONISSIOS, GR [71] CHRISTOPOULOS, DIONISSIOS, GR [85] 2000-10-13 [86] 2000-02-16 (PCT/GR00/00007) [87] 2000-08-24 (WO00/48540) [30] GR (990100057) 1999-02-17</p>	
<p style="text-align: right;">[21] 2,328,710 [13] A1</p> <p>[51] Int.Cl. 7H01F 27/245 [25] EN [54] ENERGY EFFICIENT HYBRID CORE [54] NOYAU DE TRANSFORMATEUR HYBRIDE A HAUT RENDEMENT [72] SCHWARTZ, WESLEY W., US [72] HOPKINSON, PHILIP J., US [71] SQUARE D COMPANY, US [85] 2000-10-13 [86] 1999-12-16 (PCT/US99/30063) [87] 2000-08-24 (WO00/49629) [30] US (09/251,102) 1999-02-16</p>	<p style="text-align: right;">[21] 2,328,717 [13] A1</p> <p>[51] Int.Cl. 6F23C 3/00 6F23D 14/12 [25] EN [54] MODULAR CERAMIC COMBUSTION REACTOR [54] REACTEUR DE COMBUSTION CERAMIQUE MODULAIRE [72] INOVIUS, ALLAN, HU [72] INOVIUS, CARLO P. A., HU [72] INOVIUS, LILI MADELEINE, HU [71] REACTOR COMBUSTION WORLD ORGANISATION S.A., MC [85] 2000-10-13 [86] 1999-04-16 (PCT/HU99/00028) [87] 1999-10-28 (WO99/54660) [30] HU (P 98 00902) 1998-04-17</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] **2,328,851**

[13] A1

[51] Int.Cl. 7C12N 15/13 7C12N 5/10
7C07K 16/28 7A61K 39/395 7C07K 16/46

[25] EN

[54] **HUMANIZED
IMMUNOGLOBULINS AND THEIR
PRODUCTION AND USE**

[54] **IMMUNOGLOBULINES
HUMAINES SPECIFIQUES DES
RECEPTEURS IL-2**

[72] SELICK, HAROLD E., US

[72] QUEEN, CARY L., US

[71] PROTEIN DESIGNS LABS, INC., US

[22] 1989-12-28

[43] 1990-06-28

[62] 2,006,865

[30] US (290,975) 1988-12-28

[30] US (310,252) 1989-02-13

Canadian Divisional and Previously Unavailable Laid-Open applications

Index of Canadian Patents Issued

February 20, 2001

Index des brevets canadiens délivrés

20 février 2001

A. S. Ringdal Patenter	2,064,865	BALL-FOSTER GLASS		Brisson, Jean Georges	2,094,081
ABB ALSTOM POWER INC.	2,137,633	CONTAINER CO., L.L.C.	2,074,172	Britannia Investment Corporation	2,198,113
ABCON MEDIA GROUP INC.	2,284,421	Barnes Group Inc.	2,211,633	BRITISH	
Abdulmassih, Anthony G.	2,171,731	Barriac, Jacques J.	2,139,039	TELECOMMUNICATION	
ABRO, LESLIE SELWYN	2,284,421	Barrow, Stephen R.	2,130,606	S PUBLIC LIMITED	
ACHLEITNER, Herbert	2,220,083	BASF		COMPANY	2,111,570
Adams, Michael John	2,189,649	AKTIENGESELLSCHAFT	2,005,283	BRITISH	
Aérospatiale Société Nationale Industrielle	2,085,072	BATTENFELD GMBH	2,148,281	TELECOMMUNICATION	
AKZO NOBEL N.V.	2,196,172	BAXTER INTERNATIONAL INC.	2,168,778	S PUBLIC LIMITED	
ALARIS MEDICAL SYSTEMS, INC.	2,199,157	BAYER CORPORATION	2,023,723	COMPANY	2,166,547
ALBERTA RESEARCH COUNCIL INC.	2,110,797	BAYER CORPORATION	2,026,032	BRITISH	
ALCATEL CABLE	2,177,709	Bayer Corporation	2,084,036	TELECOMMUNICATION	
ALCON LABORATORIES, INC.	2,187,034	Bean, Pamela	2,119,651	S PUBLIC LIMITED	
Al-Karmi, Abdel Naser	2,166,358	Beck, Karl-Erhard	2,099,926	COMPANY	2,183,161
ALLAN, DAVID IAN	2,209,095	Beck, Kenneth R.	2,071,392	BRITISH	
Allen, Rebecca Louise	2,139,661	Becker, Jean	2,177,709	TELECOMMUNICATION	
ALLFAST FASTENING SYSTEMS, INC.	2,181,104	BECTON, DICKINSON AND COMPANY	2,000,685	S PUBLIC LIMITED	
Amos, Charles William, Jr.	2,183,238	BECTON, DICKINSON AND COMPANY	2,130,014	COMPANY	2,193,098
Anderson, Byron E.	2,119,651	BEECHAM INCORPORATED	2,089,731	BRITISH	
Andersson-Engels, Stefan	2,027,561	Beguinet, Jean	2,094,081	TELECOMMUNICATION	2,199,510
ANDREASSEN, Lauritz I.	2,232,561	BELLAIRE, Karl-Heinz	2,199,165	COMPANY	2,183,173
ANDRITZ-AHLSTROM OY	2,177,881	BELLUCCO, Thomas M.	2,218,124	Brown, Trevor Alan	2,024,751
Antoniades, Harry N.	2,060,208	BELTRAMO, Grieg B.	2,224,312	Bryant, Robert J.	2,134,207
ANZAI, Makoto	2,220,417	Benayon, Jaime	2,174,008	Buchanan, Robert Donald	2,053,919
Aoyagi, Hikaru	2,072,369	Bender, James G.	2,168,778	Buchanan, Scott J.	2,023,209
APPLEBY, Donald Benjamin	2,223,800	Berluce, Enoche	2,197,800	BULOW, Harald	2,224,036
ARTHROCARE CORPORATION	2,129,745	Berman, Phillip Wayne	2,341,181	Burger, Rolf	2,031,579
Asanagi, Tsuneo	2,024,024	Bernardon, Jean-Michel	2,191,789	Burns, Jeffrey M.	2,051,079
Asculai, Samuel Simon	2,122,519	Berndt, Klaus W.	2,130,014	Cabaux, Jules	2,177,709
ASEA BROWN BOVERI LTD.	2,031,030	Bernhard, Paul	2,007,295	Calmar Inc.	2,139,039
AT&T CORP.	2,183,283	Berrong, David Bruce	2,022,136	CAMBELL, Colin B.	2,198,113
ATOJI, Tadashi	2,202,003	BG plc	2,201,372	CAMERON, Gordon M.	2,206,777
ATS AUTOMATION TOOLING SYSTEMS INC.	2,192,893	Bible, Don W.	2,186,882	Cann, Gordon L.	2,127,832
Auchinleck, Geoffrey Fletcher	2,165,921	Bigner, Darell D.	2,049,341	CANON KABUSHIKI KAISHA	2,143,895
Auchinleck, Geoffrey Fletcher	2,165,980	Billingham, John Fredric	2,159,752	CANON KABUSHIKI KAISHA	2,202,003
Augoustinos, Marios T.	2,025,433	Binnersley, George J.	2,057,045	CANPLAS INDUSTRIES LTD.	2,069,039
AULANKO, Esko	2,224,027	BJORKQUIST, David William	2,232,878	CAPPI, John F.	2,199,087
Aurell, Carl-Johan	2,076,749	BLASE, Günter	2,217,189	CARAVAJAL, Gregory Stephen	2,206,040
Bacehowski, David V.	2,168,778	Blatt, Joel M.	2,084,036	CARL ZEISS JENA GMBH	2,142,715
Backlund, Ake	2,150,254	Board of Trustees, a constitutional Corporation operating Michigan	2,176,361	Carlsmith, Lawrence Allan	2,171,731
BAE SYSTEMS PLC	2,217,683	Bodin, Stig Roland	2,072,972	Carlson, J. David	2,147,990
BAECK, Andre	2,205,413	Boettcher, Andreas	2,005,283	CARSCADDEN, Ian Andrew	2,201,372
BAKELITE AG	2,131,612	Borchering, James William	2,193,151	Cassel, Erland	2,074,015
BAKER HUGHES INC.	2,161,464	Borgelt, Andrea	2,024,254	Cassel, Jan	2,074,015
Baldwin Hardware Corporation	2,176,887	BOTTAZZO, Paul J.	2,218,124	Castagnola, Virginio (Deceased)	2,014,569
Baldwin Hardware Corporation	2,176,890	Bousquet, Jean-Claude	2,085,072	CATERPILLAR INC.	2,051,425
BALDWIN HARDWARE CORPORATION	2,193,558	Bradshaw, John R.	2,149,076	CENTRE INTERNATIONAL DE RECHERCHES DERMATOLOGIQUES	
		BREALEY, CHRIS L.	2,201,278	GALDERMA	2,191,789
		Brigham and Women's Hospital	2,125,037	Chaney, John William	2,196,406
		Brisebois, Henri	2,173,405	Chatterjee, Shotu	2,177,709
				CHEN, Mai	2,210,379

Index of Canadian Patents Issued February 20, 2001

CHEN, Mai	2,225,029	Dierenbach, Karl A.	2,022,309	FIGGIE INTERNATIONAL	
Chen, Yuhpyng L.	2,192,289	DILLER, Charles E.	2,246,406	INC.	2,215,037
CHIRON S.p.A.	2,179,771	Discovision Associates	2,145,549	FINBURGH, Simon E.	2,199,157
Chiu, John Hai	2,137,633	Discovision Associates	2,156,679	Finkelstein, Jeffrey	2,134,207
Christiansen, Niels	2,152,651	DISCREET LOGIC INC.	2,173,677	Fischer, Robert T.	2,172,707
CHRISTY, Paul G.	2,199,382	Display Laboratories, Inc.	2,191,609	Flury, Peter	2,022,811
CLARK, Brian C.	2,215,037	DIVO, Michael	2,203,653	Fong, Dodd W.	2,044,418
Claydon, Anthony Peter John	2,145,549	Dohr, Jeremy J.	2,172,707	FORMYDUVAL, Terry Franklin	2,223,800
Colle, Karla Schall	2,197,800	Dombo, Berthold	2,131,612	Forsselius, Karl Ruben Valdemar	2,072,972
Colvin, O. Michael	2,049,341	DOSHO, Shiro	2,267,371	FOSTER, Donald C.	2,206,399
Comstock, Robert J.	2,050,956	Douglas, Mark Austin	2,137,633	Foster, John P.	2,050,956
Construcciones y Auxiliars de		Douhan, John, III	2,197,233	Francis, Arthur Wellington, Jr.	2,178,864
Ferrocarriles, S.A. -CAF-	2,162,829	Doumet, Joseph E.	2,164,150	FREDERICK, Donald A.	2,199,087
Cooper Power Systems, Inc.	2,071,392	DREYER, Volker	2,235,027	FREDINE, Eric	2,237,743
COOPER TECHNOLOGIES		Duclos, Theodore G.	2,147,990	Freeman, Gary M.	2,185,139
COMPANY	2,246,406	Duke University	2,049,341	Frick, Beat	2,024,632
COOPER, Kelvin	2,223,624	Duncan Galvanizing Corporation	2,183,173	Frick, Beat	2,026,350
Corbin, Linn E.	2,070,378	Dunks, Gary Burr	2,024,254	Friedman, Henry S.	2,049,341
CORNING INCORPORATED	1,341,183	DUPLANTIER, Allen J.	2,223,624	Frigerio, Giuliano	2,014,569
Costello, Christine Ann	2,197,800	DURCHSCHLAG, Gerald		Fujita, Terunori	2,125,247
Courtaulds Coatings (Holdings)		(deceased) represented by		Fukuda, Kenzou	2,033,929
Ltd.	2,004,213	DURCHSCHLAG, Brigitte	2,220,083	FUKUDA, Masaru	2,267,371
Coyle, Catherine Louise	2,102,631	Dustin, Michael Loran	1,341,185	Fukuhama, Chizuko	2,158,991
Coyle, Lawrence James	2,022,136	Ebara Corporation	2,024,024	FUKUHAMA, Chizuko	2,225,412
CRAGUN, Brian John	2,251,984	Ebert, Richard M.	2,056,860	Fukuoka, Daisuke	2,125,247
Creusot Loire Industrie	2,094,081	EBG Gesellschaft Fur		FURUHASHI, Kazuhiro	2,209,839
Croxatto, Horacio Bruno	2,083,404	Elektromagnetische		Furukawa, Nobuhiro	2,056,127
Csir	2,025,433	Werkstoffe m.b.H.	2,031,579	Futaya, Ryuji	2,177,836
Cullen, John Michael	2,166,547	Eckardt, Helmut	2,148,281	Fuyama, Seiji	2,179,004
Cupo, Ronald Peter	2,022,136	ECOQUIP ARTIFICIAL LIFT		Gailus, Paul Howe	2,161,901
Cybulski, Michael A.	2,192,893	LTD.	2,255,603	Gallagher, Anne Marie	2,183,161
Cygan, Lawrence Francis	2,161,901	Edmondson, Brian	2,189,649	Gamble, Jonathan Bruce	2,057,237
Dähling, Paul-Heinz	2,187,182	Edwards, Jeffrey Charles	2,053,919	Garcia Amigot, Juan Felix	2,162,829
Daiso Co., Ltd.	2,092,282	Eggers, Philip E.	2,129,745	Garcia, Baxter J.	2,177,051
DALLMANN, Brian D.	2,217,140	Ehritt, Jürgen	2,148,281	Gaspari, Franco	1,341,184
Dalupan, Romulo V.	2,094,065	Elster, Günther	2,142,715	GATES, Roger	2,207,033
DANA FARBER CANCER		Emenaker, Ralph Robert	2,183,238	Gekko International, L.C.	2,094,065
INSTITUTE	1,341,185	EMI-Tec Elektronische		GENENCOR	
Dance, Mark Nicholas	2,165,921	Materialien GmbH	2,125,742	INTERNATIONAL, INC.	2,066,627
Dance, Mark Nicholas	2,165,980	EMS TECHNOLOGIES		GENENTECH, INC.	1,341,181
Daniels, John Francis	2,022,136	CANADA, LTD.	2,122,652	GEORG FISCHER	
Dassanayake, Nissanke L.	2,187,034	Endo, Takayuki	2,138,429	ROHRLEITUNGSSYSTEM	
DAUBERT CHEMICAL		ENDRESS + HAUSER GMBH +		E AG	2,201,392
COMPANY, INC.	2,213,894	CO.	2,175,639	GERKE, Dieter	2,224,036
DAVIES, David Arthur Owen	2,199,510	ENDRESS + HAUSER GMBH +		Gerson, Brian D.	2,149,076
Davies, Michael Richard	2,058,659	CO.	2,235,027	GETMAN, Igor	2,235,027
DAVY MCKEE (SHEFFIELD)		ENGEL, Manfred	2,199,165	GHH BORSIG	
LIMITED	2,098,023	Erb, Roger	2,074,172	TURBOMASCHINEN	
DAY, Paul Reuben	2,251,984	Ericsson GE Mobile		GMBH	2,099,926
DAYCO PRODUCTS, INC.	2,070,378	Communications Holding,		GIBSON, Michael Steven	2,223,800
DCV, INC.	2,072,658	Inc.	2,050,676	Gillum, Gary K., Sr.	2,020,528
Debenham, David F.	2,045,926	Ericsson GE Mobile		Gimenez Ortiz, Jose German	2,162,829
DEERE & COMPANY	2,199,050	Communications Inc.	2,074,015	Giorgetti, Enzo	2,014,569
DEERE & COMPANY	2,199,165	Expro North Sea Limited	2,053,919	Giuliani S.p.A.	2,014,569
DEERE & COMPANY	2,221,058	EXXON PRODUCTION		Glimcher, Laurie H.	2,197,233
DEITCH, Jeffrey H.	2,225,029	RESEARCH COMPANY	2,197,800	Gold, Leslie I.	1,341,182
Deka Products Limited		EXXON RESEARCH AND		Goodyear Tire and Rubber	
Partnership	2,134,207	ENGINEERING		Company (The)	2,054,838
Demirors, Mehmet	2,025,097	COMPANY	2,030,416	Goto, Akira	2,143,895
DENCO LIMITED	2,098,023	EXXON RESEARCH AND		Gottlieb, Milton S.	2,014,876
Dent, Paul Wilkinson	2,050,676	ENGINEERING		GRABILL, Les	2,255,603
DEPNER, Michael	2,203,653	COMPANY	2,102,631	GRANDE, René Shoan	2,201,215
DESAI, Simon	2,217,753	Falk, Rudolf Edgar	2,122,519	Grattan, Esmond	2,098,023
Deter, Christhard	2,142,715	FELL, Christopher Paul	2,217,683	GRAY, Charles L., Jr.	2,234,150
Deuel, Thomas F.	2,033,730	Ferring AB	2,076,749	Greer, William	2,001,115
Di Benedetto, Frank	2,179,227			Grenke, Edward	2,098,324

**Index des brevets canadiens délivrés
20 février 2001**

Gretag Systems	2,024,632	Iba, Hideki	2,124,512	KAGAWA, Kyoichi	2,225,412
Gretag Systems	2,026,350	IBM CANADA LTD. - IBM		Kahl, Helmut	2,125,742
Gürtler, Adam	2,187,182	CANADA LIMITÉE	2,166,358	Kakinuma, Takahide	2,155,228
Guzi, Peter John	2,102,631	IBM CANADA LTD. - IBM		Kallin, Harald	2,085,521
Haberman, Joel Ira	2,016,222	CANADA LIMITÉE	2,201,278	Kamen, Dean	2,134,207
HABERMEHL, G. LYLE	2,189,026	Ibrahim, Nader I.	2,089,731	Kamiya, Noboru	2,177,836
Haines, Raymond Clive	2,184,963	ICOS CORPORATION	2,199,403	Kanesaki, Hiroyuki	2,092,282
HAKALA, Harri	2,224,027	Iguchi, Toru	2,158,991	KANSAI PAINT CO., LTD.	2,194,964
Halbert, Thomas Risher	2,102,631	Igus Spritzgussteile für die		KANZAKI, Shigeki	2,210,265
Haldor Topsoe A/S	2,069,267	Industrie GmbH	2,217,189	KAO, Junan	2,223,800
Haldor Topsoe A/S	2,152,651	Iijima, Masao	2,008,344	Karita, Seiichiro	2,143,895
Hamabe, Kojiro	2,139,294	IKEHARA, Hideshi	2,203,354	KARRA, Vijja Kumar	2,220,618
Hamaya, Tadao	2,008,344	Ikumi, Yonezo	2,155,228	Kashem, Mohammed A.	2,110,797
HAMEL, Pierre A.	2,237,743	ILLINOIS TOOL WORKS INC.	2,130,220	Kashino, Toshio	2,143,895
Hamilton, Richard J.	2,039,681	ILLINOIS TOOL WORKS INC.	2,225,979	KASHISHIAN, Adam	2,199,403
Hanada, Kazunori	2,043,536	Imai, Tadashi	2,008,344	Kashiwada, Seiji	2,194,964
Handyside, Timothy M.	2,004,213	IMASAKA, Masafumi	2,209,839	KASTURI, Chandrika	2,205,413
HANKYU KYOEI BUSSAN		IMMTECH INTERNATIONAL		Kataoka, Shiro	2,063,194
CO., LTD.	2,225,412	INCORPORATED	2,119,651	Kato, Tatsuo	2,096,581
Hankyu-Kyoei Bussan Co., Ltd.	2,158,991	IMPERIAL OIL LIMITED	2,016,222	Kato, Toshiyuki	2,049,378
Hannah, Eric Cabot	2,182,471	Imuta, Junichi	2,125,247	Kawaai, Koji	2,125,247
Hanselmann, Paul	2,057,987	Imuta, Shinichi	2,096,581	KAWAMURA, Ryoji	2,203,354
Hanusa, Lotar H.	2,023,723	Inaba, Masaki	2,143,895	KAWASAKI STEEL	
Harakawa, Hiromi	2,194,964	Ingersoll-Rand Company	2,171,731	CORPORATION	2,049,378
Hardy, Gerald D.	2,051,425	Inoue, Hiroshi	2,194,964	KAWASAKI STEEL	
Hargrove, Michael John	2,137,633	Inova, Peter Joseph	2,025,624	CORPORATION	2,255,719
Harlow, Michael John	2,193,098	Institute of Molecular Biology,		Kawasaki, Masaaki	2,125,247
Harriman, Ron E.	2,139,039	Inc.	2,060,208	Kawashima, Junji	2,138,429
Harrison, J.M.M.	2,185,139	INTEL CORPORATION	2,182,471	KCI Konecranes International	
HART, Colin R.	2,215,037	INTERNATIONAL BUSINESS		Corporation	2,117,946
Hasei, Masaharu	2,189,360	MACHINES		KELLY, Ephraim Lamar	2,223,800
Hashimoto, Mikio	2,125,247	CORPORATION	2,251,984	Kendrick, Larry E.	2,051,425
Hatch, Robert P.	2,084,036	Interox	2,064,048	KENION, Grant B.	2,225,029
HAWKINS, Larry Nelson	2,223,800	Iolab Corporation	2,024,254	Kerry, John	2,111,570
Hayasaki, Kimiyuki	2,143,895	Ishibashi, Sadami	2,008,344	Ketterer, Philip Wilkes	2,022,136
Hayashi, Yasuhiro	2,193,755	Itoh, Kaoru	2,033,929	KIMBERLY-CLARK	
Haze, Akira	2,032,003	Itoh, Masaaki	2,125,247	WORLDWIDE, INC.	2,019,282
HEIPEL, Mark D.	2,206,399	Itoham Foods Inc.	2,158,991	KINER, Robert Samuel	2,239,184
Henderson, Glenn L.	2,000,685	Iwamoto, Masatoshi	2,063,194	King, Freddie George	2,022,136
Herman Miller, Inc.	2,223,137	Iwata, Kenneth K.	1,341,182	Kinsella, Mary A.	2,044,418
Hiller, Klaus	2,142,715	Iwata, Ritsuo	2,138,429	Kishimoto, Kenjiro	2,047,270
HIRABAYASHI, Kiyoteru	2,239,845	J.M. HUBER CORPORATION	2,185,139	Kiso, Yoshihisa	2,125,247
HIRAMATSU, Osamu	2,210,265	Jacoby, Elliot G., Jr.	2,022,309	Kitagawa, Katsumi	2,047,270
Hiwara, Akio	2,173,065	Jebrail, Fatemeh Farzaneh	2,178,864	Kitawaki, Hironori	2,047,270
Hoffman, John P.	2,051,425	Jenkins, Peter David	2,111,570	Kitayama, Takeo	2,187,566
Hofmann, Manfred	2,007,295	Jenkins, William M.	2,196,172	Kleijn, Willem Bastiaan	2,183,283
Hoke, Randal A.	2,000,685	Johansson, Jonas	2,027,561	KLICNIK, Vladimir	2,201,278
HOLLY, Richard D.	2,206,399	Johns, Ray	2,053,919	Klingert, Bernd	2,007,295
Holmes, Jeremy M.	2,011,506	JOHNSON & JOHNSON INC.	2,173,405	Kluger, Ronald	2,195,005
Holota, Wolfgang	2,142,715	Johnson, Arvid C.	2,186,882	KNEISLEY, Joel D.	2,198,684
Holzschuh, Johann	2,148,281	Johnson, Robert	2,074,172	Kneller, James F.	2,044,418
HONDA, Kazuhisa	2,225,412	JOHNSTON, JEFF G.	2,201,278	Knöpfel, Hans Peter	2,031,030
Hopkins, Anne C.	2,000,685	Jones, Anthony Mark	2,145,549	Kobayashi, Hisashi	2,178,864
Hopkinson, Philip John	2,071,392	Jones, Lloyd Garner	2,043,414	Kobayashi, Masami	2,096,581
Horand, Dieter	2,187,182	Jones, Ronald L.	2,161,464	Kobayashi, Tsunekazu	2,162,791
HOSHIDA, Takahiro	2,210,265	Jose, Ian Charles	2,117,846	KOES, Thomas A.	2,224,312
HOWMEDICA OSTEONICS		Jukkola, Glen David	2,137,633	Koizumi, Yutaka	2,143,895
CORP.	2,165,921	Jussila, Olavi	2,117,946	Kolanko, William	2,168,778
HOWMEDICA OSTEONICS		KABUSHIKI KAISHA RIKEN	2,189,360	Kolattukudy, Pappachan E.	2,066,627
CORP.	2,165,980	KABUSHIKI KAISHA		Komatsu, Mitsuru	2,094,891
Hudrlík, Terrence R.	2,171,108	TOSHIBA	2,199,241	Komurasaki, Toshi	2,043,536
Hunter Fan Company	2,143,599	KABUSHIKI KAISHA		KONE OY	2,224,027
Hunziker, Max	2,007,295	TOYODA JIDOSHOKKI		KOSEKI, Hidenori	2,205,766
Huscroft, Charles Kevin	2,149,076	SEISAKUSHO	2,210,265	Koyama, Shuji	2,143,895
HYAL PHARMACEUTICAL		Kaganoi, Teruo	2,180,821	Kraft, Walter	2,024,632
CORPORATION	2,122,519	Kagawa, Kyoichi	2,158,991	Kraft, Walter	2,026,350

Index of Canadian Patents Issued February 20, 2001

KRAWCZYK, Gerhard	2,225,029	Macklin, David	2,098,023	MINNESOTA MINING AND MANUFACTURING COMPANY	2,023,209
KRISHNAMURTHY, GOPALAN	2,296,855	Makhlouf, Samar	2,119,651	MITSUBISHI DENKI KABUSHIKI KAISHA	2,205,766
KRISHNAMURTHY, GOPALAN	2,296,861	Man, Hong-Tai	1,341,183	Mitsui & Co., Ltd.	2,008,344
KRONE GMBH	2,224,036	Mangan, Margaret Anne	2,028,069	MITSUI CHEMICALS, INC.	2,096,581
Kruzelecky, Roman Volodymyr	1,341,184	MAO, Wenjie	2,239,845	MITSUI CHEMICALS, INC.	2,125,247
Kumar, Akhileshwar	2,113,850	Marceau, Jean-Luc	2,085,072	MITSUI CHEMICALS, INC.	2,173,065
KUREHA CHEMICAL INDUSTRY CO., LTD.	2,116,617	Maree, Johannes P.	2,025,433	Mizuno, Akira	2,125,247
Kurosawa, Hideyuki	2,189,360	Margerum, Edwin O.	2,041,043	MOBIL OIL CORPORATION	2,026,483
Kurtz, Helen Lou	2,056,860	Markley, Gerald E.	2,030,416	MOBIL OIL CORPORATION	2,043,414
Kuryu, Shizuka	2,172,589	Marlin, Steven Dean	1,341,185	Mohr, Klaus Dieter	2,099,926
Kvaerner Pulping Aktiebolag	2,150,254	Marron, Gerald Irving	2,022,136	Moo-Young, Alfred	2,083,404
Kwon, Oh-Seung	2,024,254	Marshall, Carl J., Jr.	2,185,139	Morgan, Andrew R.	2,004,213
LABESKY, Matthew John	2,211,633	MARSHALL, Janet Layne	2,206,040	MORI, Hirokazu	2,209,839
Lanigan, Richard	2,134,207	MARTIN GMBH FUR UMWELT-UND ENERGIETECHNIK	2,206,727	Morita, Masahiko	2,049,378
Lareau, Albert F.	2,185,139	MARTIN, Johannes Josef Edmund	2,206,727	MORITAKE, Ichiro	2,209,839
Larkin, John M.	2,051,079	Marvin, James C.	2,185,139	Morris, John L.	2,022,136
LAROSE, GORDON EDWARD	2,209,095	Mashiba, Akihiro	2,054,419	MORRIS, Matthew G.	2,199,157
Lasky, Laurence Allan	1,341,181	Mass, Christoph	2,139,846	Morrison, Stuart Allan	2,137,633
Lassman, Steven J.	2,191,609	Massey, Alan J.	2,161,464	Morton International Inc.	2,210,379
Lauf, Robert J.	2,186,882	Masui, Susumu	2,049,378	Morton International, Inc.	2,224,312
LAUZON, David M.	2,201,278	Matsumoto, Masahito	2,187,566	Morton International, Inc.	2,225,029
LDT GMBH & CO. LASER- DISPLAY-TECHNOLOGIE KG	2,142,715	Matsuoka, Masami	2,072,369	MOSDAL, Brian Thomas	2,221,058
LEGENDRE, Olivier	2,220,634	Matsuoka, Yasunori	2,032,003	MOTOROLA, INC.	2,161,901
Lehmann, Gert	2,031,579	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,179,004	Mowat, Donald J.	2,192,893
Lein, George M.	2,022,555	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,267,371	Moysan, Stephen R., III	2,176,887
Leyden, Richard Noel	2,007,295	Matsutaka, Hisako	2,158,991	Moysan, Stephen R., III	2,176,890
Li, Yue-Sheng	2,033,730	MATSUTAKA, Hisako	2,225,412	Moysan, Stephen R., III	2,193,558
Liddell, John M.	2,001,115	MATSUZAWA, Akira	2,267,371	MULLER, Manfred	2,224,036
Lin, Chung-mou	2,144,809	Maupetit, Bernard	2,085,072	MURAO, Kazushige	2,210,265
LINCOLN GLOBAL, INC.	2,198,684	Max-Planck-Gesellschaft Zur Förderung Der Wissenschaften e.V.	2,139,846	MURPHY, David Thomas	2,201,372
Lindner, Wolfgang	2,031,579	Mazzanobile, Salvatore	2,089,731	MUSTALAHTI, Jorma	2,224,027
Linegar, William J.	2,137,109	McCoy, David R.	2,051,079	Muto, Junji	2,047,270
Ling, Michael T. K.	2,168,778	McDonald, Daniel P.	2,130,220	MYCYNEK, VICTOR	2,296,855
L'INSTITUT FRANÇAIS DU PÉTROLE	2,220,634	McGaffigan, Thomas H.	2,051,757	MYCYNEK, VICTOR	2,296,861
Little, Vernon Robert	2,149,076	McGettigan, John Joseph	2,022,136	Nagai, Toshiyuki	2,155,228
LITTON SYSTEMS, INC.	2,199,087	McLaurin, Daniel A.	2,000,685	Nagase, Yasushi	2,096,581
LOCKERBIE, Robert Owen	2,199,403	McPartlan, Maura Elizabeth	2,183,161	Nahumi, Dror	2,183,283
Lockett, Michael James	2,159,752	Medi-Vision Technologies, Inc.	2,177,051	Naito, Kazuaki	2,072,369
LOCKHEED MARTIN ENERGY RESEARCH CORPORATION	2,186,882	Medlen, Nicholas John	2,111,570	Naito, Takafumi	2,032,003
Lodholz, John C.	2,185,596	MEDTRONIC, INC.	2,171,108	NAKAHIRA, Hiroyuki	2,267,371
LOI, LOK T.	2,201,278	Meier, Jürgen	2,175,639	NAKAMURA, Seiichi	2,199,241
Longo, John Michael	2,197,800	Melin, Per	2,076,749	NAKAMURA, Takehiro	2,207,128
LONGO, Matthew William	2,213,894	MERCK & CO., INC.	2,302,629	NAKAMURA, Toyoo	2,225,412
Lonsdale, David Michael	2,139,661	MERRITT, Colleen M.	2,229,660	Nakamura, Yukito	2,187,566
Lonza Ltd.	2,057,987	Merritt, John H., III	2,041,043	NAKANO, Etsuhiro	2,207,128
LOPATIN, Sergej	2,235,027	Metavision	2,025,624	Nakanouchi, Yukio	2,189,360
Lord Corporation	2,147,990	Metcal, Inc.	2,051,757	Nakao, Fumiaki	2,194,964
Lord Corporation	2,177,836	MEURERS, Peter	2,224,036	Nakata, Atsuo	2,084,386
Loscalzo, Joseph	2,125,037	MICROMASS LIMITED	2,184,963	Nakayama, Yasuhide	2,047,270
Lu, Grant	2,127,832	MICROSOFT CORPORATION	2,117,846	Nalco Chemical Company	2,044,418
LUCENT TECHNOLOGIES INC.	2,193,151	MIDWEST BRAKE BOND COMPANY	2,190,270	Nara, Kiyoshi	2,032,003
Luhm, Ralph	2,181,104	Mikami, Masafumi	2,092,282	Nawamaki, Tsutomu	2,033,929
LUO, Lifeng	2,198,684	Miller, Bradley D.	2,134,207	NEC CORPORATION	2,139,294
Luthi, Oscar	2,171,731	Milliren, Charles M.	2,026,032	NEC CORPORATION	2,180,821
Lutron Electronics Co., Inc.	2,022,309	Milner, Peter G.	2,033,730	NEC CORPORATION	2,220,417
Lynch, Samuel E.	2,060,208	MINER ENTERPRISES, INC.	2,172,707	NEDEZ, Christophe	2,220,634
Mackay, Carol Ann	2,056,860			NETACTIVE INC.	2,209,095
				Neuhof, Mario Peter	2,189,649
				NEW HOLLAND NORTH AMERICA, INC.	2,041,043
				Newson, David John	2,193,098

Index des brevets canadiens délivrés 20 février 2001

Nguyen, Gia Van	2,112,348	PFIZER INC.	2,223,624	Saito, Katsunori	2,072,369
NICCA CHEMICAL CO., LTD.	2,094,891	PIONEER HI-BRED		SAKAGUCHI, Kiyofumi	2,202,003
NIHON BISO CO., LTD.	2,172,589	INTERNATIONAL, INC.	2,139,661	SAKAKIBARA, Junichi	2,255,719
Niimura, Koichi	2,116,617	PITNEY BOWES INC.	2,193,755	Sakata, Kei	2,049,378
Nikko Chemical Institute Inc.	2,094,891	Pizzi, Antonio	2,131,612	SAKIYAMA, Shiro	2,267,371
NIKOLAUS, Thomas	2,206,727	PIZZO, William C.	2,225,979	Salter, Mark Andrew	2,193,098
Nikrad, Pandurang V.	2,110,797	PLAYSTAR, INC.	2,304,345	Salvestro, Aldo Tony	2,165,980
Nilsson, Anders	2,076,749	Plum, Johannes Theodorus		Sanchez, J. Michael	2,026,483
Nilsson, Bengt	2,150,254	Andreas	2,023,218	Sanderson, John R.	2,051,079
Nippon Filcon Co., Ltd.	2,162,791	PMC-Sierra Ltd.	2,149,076	Sano, Akinori	2,162,791
NIPPON KAYAKU		PNEUMAFIL CORPORATION	2,211,840	Sanyo Electric Co., Ltd.	2,056,127
KABUSHIKI KAISHA	2,054,419	POLK, Matthew S., Jr.	2,198,113	SANYO ELECTRIC CO., LTD.	2,155,228
NIPPON KOKAN KOJI		Polysar Limited	2,024,751	Sato, Koji	2,155,228
KABUSHIKI KAISHA	2,239,845	Population Council (The)	2,083,404	Satow, Jun	2,033,929
Nippon Sheet Glass Co., Ltd.	2,047,270	Porfido, Erasmo	2,201,392	Sattinger, Stanley Simon	2,032,744
NISHIZAKI, Shuichi	2,209,839	Poulose, Ayrookaran J.	2,066,627	SAVOIE, Marc Y.	2,220,371
Nissan Chemical Industries Ltd.	2,033,929	PRATT & WHITNEY CANADA		Sawada, Norio	2,155,228
Nitabaru, Masatoshi	2,125,247	CORP./PRATT &		Scabar, Arnold Lloyd	2,155,150
NOMURA, Hirokazu	2,239,845	WHITNEY CANADA CIE.	2,207,033	Schader, Kevin W.	2,161,464
Nordberg Inc.	2,220,618	PRAXAIR TECHNOLOGY,		Schartner, Cletus Lynch	2,022,136
NORTEL NETWORKS		INC.	2,159,752	Schell, Jeff	2,139,846
LIMITED	2,219,530	PRAXAIR TECHNOLOGY,		Schlitzer, Ronald L.	2,187,034
NORTEL NETWORKS		INC.	2,178,864	Schmidt, Kris Alan	2,007,295
LIMITED	2,237,743	President and Fellows of Harvard		SCHNEIDER, Mary Celine	2,223,800
Novatek Drills (Proprietary)		College	2,060,208	Schoubye, Peter	2,069,267
Limited	2,058,659	President and Fellows of Harvard		Schulthess, Adrian	2,007,295
NTT MOBILE		College	2,197,233	SCHULTZ, Glenn	2,255,603
COMMUNICATIONS		Raffray, Patrick	2,135,341	Schuster, Daniel Edward	2,054,838
NETWORK INC.	2,207,128	Rappuoli, Rino	2,179,771	Schwesinger, Rolf	2,148,281
NTT MOBILE		RDP Company	2,199,382	Scofield, Robert L.	2,143,599
COMMUNICATIONS		Reasoner, Michael	2,189,107	Scott, Danny E.	2,161,464
NETWORK INC.	2,207,645	Rector, Stephen W.	2,051,425	Secretary of State for Defence in	
Numata, Masahiro	2,158,991	REHMER, GERD	2,005,283	her Britannic Majesty's	
NUMATA, Masahiro	2,225,412	REID, Donald James	2,201,372	Government	2,045,926
Oelfke, Russell Harlan	2,197,800	Reiter, Allen	2,117,846	Secrist, Duane R.	2,196,172
Ogawa, Yutaka	2,054,419	Renger, Michael	2,148,281	SEELEMANN, ALEK D. , II	2,201,278
OHLSON, John	2,206,766	Renk, Richard J.	2,056,860	Seifers, Monte G.	2,020,528
OHNO, Kouji	2,207,645	Renon, Christiane	2,085,072	Sévigny, Benoît	2,173,677
OLTHOF, Ian W.	2,237,743	Retrax, Inc.	2,107,631	SGRIGNOLI, GARY J.	2,296,855
Omata, Kouichi	2,143,895	Reusch, Rosetta N.	2,176,361	SGRIGNOLI, GARY J.	2,296,861
O'Neill, Roger A.	2,066,627	Ricom Corporation	2,008,344	Shayan, Yousef	2,122,652
Onishi, Koji	2,063,194	RING, Curtis P.	2,255,603	SHELL CANADA LIMITED	2,023,218
Ono, Takayuki	2,143,895	Ringdal, Jan Otto	2,064,865	SHERMAN, Joseph Fredrich	2,223,800
ONOE, Seizo	2,207,645	Ringdal, Lars	2,064,865	SHIGEOKA, Hiroaki	2,205,766
Orikasa, Tsuyoshi	2,143,895	Robbins, William Philip	2,145,549	Shindoh, Takefumi	2,032,003
OSF INC.	2,174,008	Robbins, Winston Karl	2,016,222	SHIRAI, Hirokazu	2,209,839
OSI PHARMACEUTICALS,		Röder, Rolf	2,142,715	SHOWA DENKO K.K.	2,072,369
INC.	1,341,182	Roger, Alain	2,135,341	Siato, Junji	2,125,247
OTATCO INC.	2,201,215	Rohm & Haas Company	2,022,555	Sid-Ahmed, Abdel-Hadi	2,054,848
OTSUBO, Toshifumi	2,204,471	Roll, Willi	2,131,612	Sidwell, John N.	2,070,378
Overfield, Robert Edward	2,016,222	Roman, Robert Merlin	2,166,181	Siegel, Ned R.	2,033,730
Overstreet, James L.	2,161,464	ROSEMOUNT ANALYTICAL		Simon, Daniel	2,125,037
Ozawa, Hiroyoshi	2,177,836	INC.	2,014,876	Simpson, Ron C.	2,191,609
Paal, Krisztina	2,195,005	Rosenbaum, Larry	2,168,778	Sims, Gordon C.	2,165,921
PANANDIKER, Rajan Keshav	2,232,878	Rothlein, Robert	1,341,185	Sinagawa, Hideo	2,084,386
Pankow, Mark L.	2,119,651	ROURKE, Howard Neil	2,219,530	Sinclair-Day, John D.	2,004,213
PAPINEAU, Mario R. J.	2,237,743	Rowe, Douglas J.	2,070,141	Singel, David	2,125,037
Park, Joonsup	2,187,034	Ryan, Frederick Merk	2,014,876	Singh, Shamsheer S.	2,166,358
Parker, Clifford Terance	2,022,136	Ryles, Christine W.	2,130,606	Smith, Graham Bennett	2,149,076
PEGOLI, Ronald Edward	2,223,800	S. C. JOHNSON		Smith, Richard	2,074,172
Pelech, Bernd	2,187,182	COMMERCIAL		Smith, Sidney T.	2,168,778
Pelet, Claude	2,031,030	MARKETS, INC.	2,229,660	Smith, Stephen L.	2,168,778
PERKINS, Mathew N.	2,237,743	Saika, Tetsuyuki	2,092,282	Smitherman, John P.	2,130,220
Peter, Hans	2,031,030	Saint-Gobain/Norton Industrial		Snavely, Dan A.	2,022,309
Peters, Joseph Peter Marie	2,023,218	Ceramics Corporation	2,127,832	Société DELTA-DORE S.A.	2,135,341
PFIZER INC.	2,192,289	Saito, Atsushi	2,084,386	SOGA, Hiroyuki	2,204,471

Index of Canadian Patents Issued February 20, 2001

SOKOLOWSKI, Michelle M.	2,274,435	TELEFONAKTIEBOLAGET		Ueda, Takashi	2,125,247
SOLAR, Christopher R.	2,237,743	LM ERICSSON	2,085,521	Ukah, Clement Ikefuama	1,341,184
Soleymani, Mohammad Reza	2,122,652	Tencza, Stephen John	2,022,136	Umekawa, Kiyonori	2,116,617
Sommer, Gordon M.	2,190,270	Terai, Haruhiko	2,143,895	UNI-CHARM CORPORATION	2,204,471
SONY CORPORATION	2,029,406	Terver, Roland André	2,112,348	UNILEVER PLC	2,130,606
Soor, Baldev Singh	2,166,358	Texaco Development Corporation	2,051,079	UNILEVER PLC	2,189,649
Sotheran, Martin William	2,145,549	Thapliyal, Hira V.	2,129,745	UNILEVER PLC	2,199,027
Sparapany, John W.	2,044,418	THE DOW CHEMICAL		UNITED STATES FILTER	
Spectraphos AB	2,027,561	COMPANY	2,025,097	CORPORATION	2,185,596
Spencer, Geoffrey P.	2,134,207	THE GOODYEAR TIRE &		University of Toronto	
Spraying Systems Co.	2,039,681	RUBBER COMPANY	2,054,848	Innovations Foundation	
Springer, Timothy Alan	1,341,185	THE GOODYEAR TIRE &		(The)	1,341,184
Spurdens, Paul Charles	2,193,098	RUBBER COMPANY	2,112,348	Ursprung, Karl	2,024,632
Stamler, Jonathan	2,125,037	THE JOHNS HOPKINS		Ushitora, Akihiro	2,024,024
STANFILL, Ralph Everette	2,199,050	UNIVERSITY	2,049,341	VAE Aktiengesellschaft	2,220,083
STANFORD		THE PROCTER & GAMBLE		Van Ballegooijen, Hendrik	2,023,218
TELECOMMUNICATION		COMPANY	2,183,238	Van Hemelrijk, Dirck	2,064,048
S, INC.	2,206,766	THE PROCTER & GAMBLE		Van Iten, Thomas Peter	2,019,282
Steinbiss, Hans-Henning	2,139,846	COMPANY	2,203,653	VAN WIERAN, Steve	2,223,137
Steiner, Jürg	2,201,392	THE PROCTER & GAMBLE		VANTICO AG	2,007,295
Stenram, Unne	2,027,561	COMPANY	2,205,413	VANTICO AG	2,022,811
Stephenson, John R.	1,341,182	THE PROCTER & GAMBLE		Varreng, Jan Sverre	2,177,709
Stiefel, Edward Ira	2,102,631	COMPANY	2,206,040	Venot, André P.	2,110,797
Stigsson, Lars	2,150,254	THE PROCTER & GAMBLE		VERNON, Peter George	2,199,027
Stolle, Ralph J.	2,072,658	COMPANY	2,223,800	Vickers Systems Limited	2,057,237
STORA FELDMUHLE AG	2,187,182	THE PROCTER & GAMBLE		VISTEON TECHNOLOGIES,	
Storbacka, Jan	2,177,881	COMPANY	2,232,878	LLC	2,217,753
Story, Edward Ross	2,189,649	THE PROCTER & GAMBLE		Vote, A. Sean	2,171,731
Strahan, Robert	2,183,161	COMPANY	2,239,184	Walck, Scott N.	2,022,309
STS Biopolymers, Inc.	2,028,069	THE RESEARCH		Wanger, Freddy	2,045,513
Sugg, Rolin W.	2,176,887	FOUNDATION FOR		Ward, John Frederick	2,069,039
Sugg, Rolin W.	2,176,890	MICROBIAL DISEASES		WARNER, Eric A.	2,199,157
Sugg, Rolin W.	2,193,558	OF OSAKA UNIVERSITY	2,084,386	WASHINGTON UNIVERSITY	2,033,730
Sugiyama, Shoji	2,047,270	THE WINGARD COMPANY,		Watanabe, Koju	2,116,617
SUMITOMO CHEMICAL		INC.	2,215,519	Watanabe, Masato	2,155,228
COMPANY, LIMITED	2,187,566	Thigpen, Larry T.	2,186,882	Watanabe, Shigeaki	2,158,991
Suzuki, Kenya	2,194,964	THOMPSON, JOSHUA D.	2,200,833	WATANABE, Shigeaki	2,225,412
Suzuki, Koichi	2,033,929	THOMPSON, STANLEY P.	2,200,833	Watanabe, Shigeomi	2,033,929
Suzuki, Satoshi	2,138,429	THOMPSON, Stanley Paul	2,200,833	Webb, James R.	2,191,609
Suzuki, Yasuyuki	2,124,512	THOMSON CONSUMER		WEBER, Vicki Lynn	2,223,800
Svanberg, Katarina	2,027,561	ELECTRONICS, INC.	2,196,406	Weinheimer, Robert M.	2,022,555
Svanberg, Sune	2,027,561	TIBBOTT, Ian	2,207,033	Weiss, Keith D.	2,147,990
Taisei Corporation	2,032,003	Tiburtius, Bernd	2,125,742	WESTINGHOUSE ELECTRIC	
TAISHO PHARMACEUTICAL		TLV Co., Ltd.	2,160,629	CORPORATION	2,022,136
CO., LTD.	2,043,536	Togashi, Fusao	2,049,378	WESTINGHOUSE ELECTRIC	
Takagi, Nobuyoshi	2,162,791	Togawa, Yoshiaki	2,187,566	CORPORATION	2,032,744
Takahashi, Masatoshi	2,056,127	Tokyo Gas Co., Ltd.	2,119,711	WESTINGHOUSE ELECTRIC	
Takahashi, Shouji	2,194,964	Toms, Robert S.	2,172,707	CORPORATION	2,050,956
Takahashi, Yoshiaki	2,164,745	Topsøe, Haldor Frederik Axel	2,069,267	Wettengel, Paul Frederick	2,111,570
Takahasi, Hirotsi	2,138,429	TORAY INDUSTRIES, INC.	2,063,194	Wetzel, Gustav	2,175,639
TAKEDA CHEMICAL		Toriida, Masahiro	2,173,065	Whitbourne, Richard James	2,028,069
INDUSTRIES, LTD.	2,032,003	Toyoda, Hitoshi	2,043,536	Wich, Harry	2,031,579
Takeuchi, Tadashi	2,124,512	TOYOTA JIDOSHA		Wieting, Jochen	2,031,579
Talley, Larry Dalton	2,197,800	KABUSHIKI KAISHA	2,124,512	Wilcher, Stephen B.	2,185,596
TAMAI, Haruhisa	2,217,753	Trojnar, Jerzy	2,076,749	WILKINSON, HILARY	2,302,629
TANINO, Koichi	2,209,839	TRUTH HARDWARE		Wilkinson, James Hedley	2,029,406
Tashiro, Takashi	2,125,247	CORPORATION	2,217,140	Williams, David R.	2,130,606
Tasker, Peter A.	2,011,506	Tsuda, Yasutaka	2,094,891	WILLIAMS, Roger D.	2,211,840
Tate, Takuo	2,162,791	Tsuru, Yoshio	2,193,755	Willming, David A.	2,194,354
TECHFORM TECHNOLOGY		Tsutsubuchi, Masaaki	2,187,566	WINGARD, Peter F.	2,215,519
AG	2,206,727	Tucker, Darryl W.	2,022,309	Winther, Aage Bisgaard	2,012,196
TEENESS A/S	2,232,561	Turner, Patrick James	2,184,963	Wise, Adrian Philip	2,145,549
TELEFLEX INCORPORATED	2,189,107	Turney, William Joseph	2,161,901	Wise, Adrian Philip	2,156,679
TELEFONAKTIEBOLAGET		U.S. ENVIRONMENTAL		WODRICH, Timothy Dirk	2,199,050
LM ERICSSON	2,072,972	PROTECTION AGENCY	2,234,150	Woerner, Klaus D.	2,192,893
		Uchida, Daisuke	2,043,536	Wong, Steve Yiin	2,137,633

**Index des brevets canadiens délivrés
20 février 2001**

Woo, Lecon	2,168,778
Worcester, Samuel A.	2,050,956
WYENN, Joel S.	2,240,070
XEROX CORPORATION	2,218,124
Xorella AG	2,045,513
Yamada, Akira	2,024,254
YAMAGATA, Kenji	2,202,003
Yamaguchi, Kazuo	2,024,024
Yamaha Corporation	2,138,429
YAMAMOTO ENGINEERING CORPORATION	2,255,719
YAMAMOTO, Akira	2,267,371
Yamamoto, Kazushige	2,119,711
YAMAMOTO, Shinichi	2,267,371
YAMAMOTO, Tokuo	2,255,719
YKK Corporation	2,203,354
Yokota, Kazunao	2,032,003
Yokoyama, Keiichi	2,173,065
YONEHARA, Takao	2,202,003
Yoon, Hyun-Nam	1,341,183
Yoshida, Masayasu	2,125,247
Yoshimura, Seiji	2,056,127
Yuasa Battery Co., Ltd.	2,047,270
Yumoto, Hideaki	2,160,629
YUTAKA GIKEN CO., LTD.	2,209,839
Zdeb, Brian	2,107,631
ZEILINGER, BRIAN K.	2,304,345
ZENECA LIMITED	2,001,115
ZENECA LIMITED	2,011,506
Zenith Electronics Corporation	2,194,354
Zenith Electronics Corporation	2,296,855
Zenith Electronics Corporation	2,296,861
Zepeda-Ortega, Ana	2,083,404
Zeria Pharmaceutical Co., Ltd.	2,008,344
Zhou, Hong	2,197,233
Ziehm, Raymond G.	2,176,889
Zimmermann, Achim	2,099,926
Zukotynski, Stefan	1,341,184
Zurat, Craig Joseph	2,022,136
ZYMOGENETICS, INC.	2,206,399

**Index of Canadian Patents Issued
February 20, 2001**

Index of Canadian Laid-Open Applications

January 28, 2000 - February 3, 2001

Index des demandes canadiennes mises à la disponibilité du public

28 janvier 2000 - 3 février 2001

ADAMS, RAY	2,314,859	ATLANTIC ZEISER GMBH & CO.	2,314,703	BOKOR MANUFACTURING INC.	2,279,473
ADVANCED THERAPEUTIC TECHNOLOGIES AT2 INC.	2,314,588	ATOFINA	2,314,527	BOKOR, KEN	2,279,473
AGILENT TECHNOLOGIES, INC.	2,313,967	AUBREY, G. BRETT	2,279,165	BOLLI, ANGELO	2,314,520
AIR PRODUCTS AND CHEMICALS, INC.	2,314,483	AUBREY, G. BRETT	2,282,064	BONDIOLI, EDI	2,314,707
AKITA, HIDEMI	2,314,726	AVITIA, CESAR	2,314,734	BONDS, EZRA DEWAYNE	2,311,038
ALBERTAZZI, PAUL	2,283,201	BABB, LARRY F.	2,323,916	BOUCHAIN, ALAIN	2,314,472
ALBINET, STEPHANE	2,314,621	BABBIT, MICHEL	2,314,830	BOWE, MICHAEL DAMIAN	2,315,839
ALBRECHT, THOMAS E.	2,314,784	BACHMAN, ALAN	2,314,859	BOYER, GERALD R.	2,313,736
ALCATEL	2,313,942	BAILEY NURSERIES, INC.	2,314,802	BRACHAT, M. PATRICE	2,314,688
ALCATEL	2,314,621	BAKER, BRUCE R.	2,279,091	BRADFORD WHITE CORPORATION	2,314,845
ALLEN, WILLIAM J.	2,314,859	BAKKE, STIG	2,314,779	BRIMO, RENÉ J.	2,280,021
ALLIOT, VERONIQUE	2,314,472	BANDARRA, JOAO	2,295,455	BRISTOL-MYERS SQUIBB COMPANY	2,313,928
ALLTECH ASSOCIATES, INC.	2,314,850	BANDOH, SHUNICHI	2,314,678	BROWN, DANIEL E.	2,314,616
ALONZO, JOHN C.	2,314,557	BANKS, BERNARD JOSEPH	2,315,614	BROWN, RONALD ROBERT	2,313,736
ALSTOM	2,314,530	BANSAL, PRADEEP K.	2,314,556	BURGER, ARNDT	2,314,255
ALSTOM UK LTD.	2,314,838	BANYARD, RICHARD LESLIE	2,279,147	BURGER, WILLIBALD	2,314,766
AMBROSIUS, DOROTHEE	2,313,248	BARFUSS, STEVEN L.	2,314,762	BUSH, JULIE KAY	2,314,682
AMERICAN DYE SOURCE, INC.	2,279,299	BASIL, NIPUN	2,314,051	BUSH, JULIE KAY	2,314,685
AMOENA MEDIZIN-ORTHOPÄDIE-TECHNIK GMBH & CO.	2,313,494	BAUDIN, GISELE	2,314,668	BUTLER, FREDERICK C.	2,312,629
AMONETT, DANIEL KEITH	2,314,698	BAYER		BUZZARD, JON D.	2,314,784
AMSTED INDUSTRIES INCORPORATED	2,312,308	AKTIENGESELLSCHAFT BAYER	2,314,523	CAI, XIANGRONG	2,314,236
ANDERSEN, ERLING JIM	2,314,403	AKTIENGESELLSCHAFT	2,314,639	CALEB TECHNOLOGIES CORP.	2,312,518
ANDERSEN, ERLING REIDAR	2,314,403	BAYER ANTWERP N.V.	2,314,498	CALEB TECHNOLOGIES CORP.	2,312,559
ANDERSON, JAMES M., JR.	2,314,850	BAYER CORPORATION	2,305,922	CAMPOY ODENA, SERGIO	2,297,849
ANDO, IKUO	2,314,285	BAYER CORPORATION	2,313,065	CAORLE, ALBERTO	2,313,927
ANDREWS, DEAN T.	2,308,523	BAYER INC.	2,279,085	CAREY, MICHAEL J.	2,310,577
ANDREWS, SCOTT R.	2,313,941	BEADEX MANUFACTURING COMPANY, INC.	2,313,977	CARIDIS, ANDREW A.	2,314,616
ANDREWS, SCOTT R.	2,313,982	BECK, DAVID D.	2,314,784	CASEY, CHRISTOPHER	2,310,337
ANDREWS, SCOTT R.	2,314,745	BECKER, KLAUS ERNST	2,298,816	CASTROL LIMITED	2,314,370
ANNICCHIARICO, FRANCO	2,314,354	BECTON, DICKINSON AND COMPANY	2,314,859	CATENA TECHNOLOGIES CANADA, INC.	2,279,477
APPLEYARD, F. JOSEPH	2,313,770	BEHMANN, Henry	2,279,087	CENTRAL GLASS COMPANY, LIMITED	2,314,739
ARCHER, THOMAS J.	2,315,410	BEISIEGEL, MICHAEL	2,279,118	CENTRAL GLASS COMPANY, LIMITED	2,314,740
AREA 52 CONSULTING, S.L.	2,314,741	BEITSAYADEH, CARL	2,314,616	CENTURY PRECAST, L.L.C.	2,314,301
ARGUELLO, MICHAEL F.	2,312,559	BENDER, BARBARA	2,314,690	CHAIKOWSKY, PETER	2,302,032
ARMSTRONG WORLD INDUSTRIES, INC.	2,313,770	BENEDICT, BART C.	2,314,850	CHAN, CHEUK WAN	2,290,300
ARMSTRONG WORLD INDUSTRIES, INC.	2,313,888	BERNARDINI, ROBERTO	2,314,520	CHAN, PETRUS KAI C. C.	2,310,576
ARSENAULT, NORMAND P.	2,311,181	BERNDTSSON, ANDERS	2,314,703	CHAPMAN, GORDON	2,288,483
ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG	2,314,674	BERTIN, JASON C.	2,314,785	CHAU-NGOC, DIEP	2,314,054
ASTA MEDICA AKTIENGESELLSCHAFT	2,314,746	BERTOLINO, MICHELE	2,314,757	CHELAK, TODD M.	2,314,859
AT&T CORP.	2,314,444	BERWEILER, MONIKA	2,314,690	CHEMI S.P.A.	2,314,750
AT&T CORP.	2,314,556	BHANDARKAR, SUHAS	2,314,557	CHEN, BIN	2,307,056
AT&T CORP.	2,314,780	BHOLA, RAKESH	2,311,876	CHENG, SHUN-I	2,279,079
		BHUYAN, ARUPJYOTI	2,313,736	CHIARI, MAURO	2,314,024
		BIDET, BERNARD	2,316,736	CHIBA, KAZUNORI	2,314,285
		BISSON, ROBERT	2,279,477	CHUBB, NATHAN ANTHONY LOGAN	2,315,614
		BLACK & DECKER INC.	2,302,032		
		BLAIS, JEAN-FRANÇOIS	2,279,525		
		BOAT LONGYEAR LIMITED	2,314,834		
		BOBST S.A.	2,314,024		
		BOHRER, MICHAEL P.	2,314,557		

Index of Canadian Laid-Open Applications
January 28, 2000 - February 3, 2001

CIBA SPECIALTY CHEMICALS HOLDING INC.	2,314,668	EDELBROCK, ANDREW J.	2,305,922	GIBBS, GRAEME A.	2,315,319
CIGNARELLA, GIORGIO	2,314,750	EGUCHI, TAKAHIRO	2,315,616	GILL, PETER L.	2,314,049
CIMENTS FRANÇAIS	2,314,820	EJIMA, SEIKI	2,314,696	GOBEILE, JOSEPH J.	2,312,308
CLASSEN, BRUNO	2,314,820	ELF ATOCHEM NORTH AMERICA, INC.	2,307,056	GOELZ, PHILLIP C.	2,313,736
COCHARD, DANIEL	2,314,527	ELI LILLY AND COMPANY	2,314,682	GOLDBLATT, IRWIN L.	2,314,370
COCHRANE, ROBERTA JO	2,310,576	ELI LILLY AND COMPANY	2,314,685	GOLDWITZ, BRIAN L.	2,314,858
COLE, GRANT	2,278,979	ELKO, GARY WAYNE	2,314,374	GOLDWITZ, TRACY	2,314,858
COLOMBET, PIERRE	2,314,820	ELLIOTT, GREGORY	2,279,322	GOMEZ BORRALLO, JUAN JOSE	2,314,741
COLWELL, JASON	2,310,337	ELSHEIKH, MAHER Y.	2,307,056	GOSLING, THOMAS M.	2,314,483
COMANITA, BOGDAN	2,279,000	EMERSON ELECTRIC CO.	2,323,916	GOUDZWAARD, DANIEL JOHN	2,313,736
COMBANEYRE, BERNARD	2,314,526	ENDLER, GABRIELE	2,314,746	GRAF + CIE AG	2,314,694
CONRAD, PRESTON CHARLES	2,314,682	ENDRESS + HAUSER GMBH + CO.	2,314,055	GRAF, RALPH A.	2,314,694
CONRAD, PRESTON CHARLES	2,314,685	ENRAF B.V.	2,314,700	GRAMINIA DEVELOPMENTS LTD.	2,279,147
CORNELL, BRENT LOREN	2,279,448	ENRIQUEZ SAENZ DE SANTA MARIA, PORFIRIO	2,314,741	GREEN, CHRISTOPHER	2,279,149
CORNELL, DWAYNE HOWARD	2,279,448	ESHELBY, JAMES JOHN	2,315,614	GRIFFIN, DONALD EARL	2,315,427
COSTRUZIONI MECCANICHE CAORLE S.P.A.	2,313,927	ETABLISSEMENTS PIERRE GREHAL ET COMPAGNIE	2,316,716	GRUTTMANN, HORST	2,314,523
COTE, PIERRE	2,279,766	ETHICON ENDO-SURGERY, INC.	2,314,784	GTE LABORATORIES INCORPORATED	2,310,842
CRANSTON, LESLIE A.	2,279,092	ETHICON ENDO-SURGERY, INC.	2,314,785	GTE LABORATORIES INCORPORATED	2,310,929
CUMMINS, JAMES M.	2,314,761	F. HOFFMANN-LA ROCHE AG	2,313,248	GTE LABORATORIES INCORPORATED	2,310,931
DADE BEHRING MARBURG GMBH	2,314,466	F. HOFFMANN-LA ROCHE AG	2,314,699	GUILBEAULT, ROBERT H.	2,279,436
DAIMLERCHRYSLER CORPORATION	2,312,629	F. HOFFMANN-LA ROCHE AG	2,315,837	GUO, ZHONGNU	2,279,134
DAINIPPON INK AND CHEMICALS, INC.	2,314,693	FALCO, STEVEN A.	2,314,266	GURA, DAMON E.	2,313,264
DAOUDAL, JOSE	2,316,731	FALCO, STEVEN A.	2,314,266	GUREVICH, SERGEY V.	2,279,373
DASGUPTA, SANKAR	2,311,876	FARAL, MICHEL	2,314,830	GURNER, YURI	2,314,850
DE FERRA, LORENZO	2,314,750	FARAL, ODILE	2,314,830	GURTLER, LUTZ GERHARD	2,314,466
DEERE & COMPANY	2,298,816	FARN, BRIAN	2,279,091	GUSTAFSON, RONALD	2,314,428
DEFLANDRE, JEAN-PIERRE	2,316,710	FESSENBECKER, ACHIM	2,314,578	GVOZDANOVIC, RADE	2,315,319
DEGUSSA-HULS AKTIENGESELLSCHAFT	2,314,690	FIEDLER, DIRK A.	2,314,626	HA, JAE-KI	2,288,425
DEGUSSA-HULS AKTIENGESELLSCHAFT	2,314,804	FILIPPELLI, PAOLO	2,313,876	HAGI, YOSHIAKI	2,314,732
DEICHSTETTER, ERIC A.	2,313,736	FINDLY, ROBERT CRAIG	2,313,825	HALASZ, SYLVIA	2,314,444
DEMIRPLAK, ZELIHA	2,314,703	FINLAY, IAN R.	2,279,222	HALL, DAVID BARNETT	2,315,591
DESANTIS, CRAIG W.	2,313,770	FITZPATRICK, BRIAN	2,279,560	HANSON, MARK E.	2,309,402
DHAEMERS, GREGORY L.	2,314,815	FLASZA, MIROSLAW A.	2,279,119	HARDIGG INDUSTRIES, INC.	2,314,708
DI BIASI, MICHAEL A.	2,314,859	FLOM, MERLYN GERARD	2,314,682	HARDIGG, JAMES S.	2,314,708
DICIANO, JULIAN	2,279,044	FLOM, MERLYN GERARD	2,314,685	HARTSON, WILLIAM J.	2,314,762
DICIANO, JUSTIN	2,279,044	FLUOCHIMIE	2,279,132	HASHIMOTO, KAZUAKI	2,314,841
DICKIE, ROBERT G.	2,279,111	FORD MOTOR COMPANY OF CANADA LIMITED	2,314,734	HAUSER, HANS PETER	2,314,466
DOHERTY, RYAN	2,279,044	FORMAN, HAROLD M.	2,314,505	HAYASHI, NAHOTO	2,314,480
DONGMO DELOKO, YVETTE BEATRICE	2,314,466	FOSTER, ROBIN H.	2,314,378	HEAT AND CONTROL, INC.	2,314,616
DOOLE, DOUGLAS J.	2,279,222	FRANCE TELECOM	2,314,688	HECHT, ANTON	2,314,674
DORMER, JOHN L.	2,279,168	FRANCE/SCOTT FETZER COMPANY	2,314,698	HEGGIE, GRAEME	2,314,838
DOTSON, R. SCOTT	2,307,990	FRANCKOWIAK, SIGISMOND	2,316,730	HEGGIE, WILLIAM	2,295,455
DOUGLAS, HOWARD LYNN	2,308,433	FRANKS, NICHOLAS PETER	2,280,310	HEGMANN, JOACHIM	2,314,578
DOUMANI, ROBERT	2,312,471	FUJISAKI, NOBUYOSHI	2,310,313	HEIDECHE, FRANK	2,314,055
DREVON, CLAUDE	2,314,621	FUJITA, HIROYUKI	2,314,285	HEILIGER, LUDGER	2,314,578
DUCCINI, YVES	2,314,384	FUJIWARA, HIROSHI	2,283,368	HENDERSON, DAVID L.	2,299,160
DUFF, MICHAEL	2,279,435	FUKUOKA, MASATSUKA	2,315,837	HENDRIE, WILLIAM	2,279,151
DUFF, MICHAEL ALEXANDER	2,313,943	GABARA, THADDEUS JOHN	2,314,400	HERR, JOEL L.	2,306,225
DUFFANY, JEFFREY LOUIS	2,313,736	GABEL, JONATHAN B.	2,314,859	HERR, RICHARD E., JR.	2,313,888
DUFOUR, ALAIN	2,314,384	GAGNE, MARTIN	2,313,876	HIBNER, JOHN A.	2,314,784
DUNHAM, WESLEY H.	2,313,977	GAMBINI, PIERO	2,313,967	HILTI AKTIENGESELLSCHAFT	2,314,054
DUTRA, HERBERTO	2,314,576	GARIDEL, JEAN-PAUL	2,279,132	HINSBERGER, PETER	2,279,137
DYKES, RONALD MATTHEW	2,279,147	GAUDET, RICHARD C.	2,314,301	HINSBERGERS POLY INDUSTRIES LTD.	2,279,137
		GAUTHIER, DAVID M.	2,314,860	HIRAGA, KOKI	2,315,837
		GAYLORD, ROBERT SCOTT	2,315,427	HO, JOSEPH S.	2,309,402
		GAZ DE FRANCE	2,316,710	HO, TIEN-HOU JOSEPH	2,279,139
		GFI CONTROL SYSTEMS INC.	2,279,149	HOKE, BRYAN C., JR.	2,314,483
		GIBALA, DAVID	2,314,498	HOLESCHOVSKY, ULRICH B.	2,314,498

Index des demandes canadiennes mises à la disponibilité du public

28 janvier 2000 - 3 février 2001

HOLZ, KENNETH	2,314,802	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,310,576	KOLATA, RONALD J.	2,314,785
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,313,807	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,310,577	KONDO, HARUHIKO	2,314,285
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,314,059	INTERNATIONAL SPORTS ORGANIZATION, S.A.	2,297,849	KONDOU, KANTA	2,314,844
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,315,616	INTERSITE TECHNOLOGIES INC.	2,279,165	KOTT, JOSEPH JOHN	2,313,736
HOPKINS, WILLIAM	2,279,085	INTERSITE TECHNOLOGIES INC.	2,282,064	KRAFT FOODS, INC.	2,314,535
HORIGUCHI, MASAHARU	2,314,696	INUI, SHO	2,283,368	KRAFT FOODS, INC.	2,314,576
HOSOKAWA MICRON CORPORATION	2,314,634	ISAI, BASHKIM	2,279,017	KREBS, ROBERT R.	2,308,247
HOULE, JEAN-MARIE	2,313,937	ISMAIL, DILSHAD M.	2,323,828	KUBOTA, MICHITAKA	2,315,434
HOVIONE INTER LTD.	2,295,455	ISMAIL, MURAD ALI M.	2,323,828	KUMAR, SENTHIL	2,314,548
HOYA CORPORATION	2,314,841	ISOUE, KOICHIRO	2,314,771	KUNIMATSU, KEIJI	2,314,726
HOYA CORPORATION U.S.A.	2,314,841	ISSARTEL, CHRISTOPHE	2,314,830	KUNITZ, CINDY	2,279,089
HRYCKO, MATTHEW S.	2,313,736	ITADANI, MOTOAKI	2,283,368	KUNITZ, PETER	2,279,089
HU, BOBBY	2,313,397	ITOH, TORU	2,314,678	KURARAY CO., LTD.	2,314,480
HUGGINS, HAROLD ALEXIS	2,314,302	IUNG, THIERRY	2,314,830	KURARAY CO., LTD.	2,314,771
HURAS, MATTHEW	2,279,092	IWAMOTO, TAKASHI	2,313,807	KUREK, GERALD	2,314,523
HURAS, MATTHEW A.	2,279,028	IWASAKI, YOICHI	2,314,285	KURODA, SHIGETAKA	2,313,807
HURNIK, JAKUB	2,279,149	JACKOVIN, GARY B.	2,306,225	KURTZ, MARK E.	2,283,201
HUSAIN, HIDAYAT	2,279,087	JACOBS, JAMES K.	2,311,876	KUZYCH, LUBOMIR	2,279,025
HYDRA-TECH MANUFACTURING (1990) LTD.	2,279,435	JACOBS, NEIL	2,279,154	LACE TECHNOLOGIES INC.	2,279,111
HYDRA-TECH MANUFACTURING (1990) LTD.	2,313,943	JAMA MINING EQUIPMENT AB	2,314,834	LACOMBE, JEAN-LOUP	2,314,527
HYDRO-QUEBEC	2,313,937	JAMA, OMAR M.	2,279,373	LALONDE, FRANCOIS	2,313,937
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,279,028	JANG, DONNA	2,279,244	LAMPERT, NORMAN ROGER	2,313,941
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,279,051	JANSON, ARNOLD	2,279,766	LAMPERT, NORMAN ROGER	2,313,982
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,279,091	JENNINGS, HAROLD J.	2,279,134	LAMPERT, NORMAN ROGER	2,314,745
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,279,092	JEWELL, STEPHANIE J.	2,299,971	LAN, RED	2,278,983
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,279,118	JOHNSON, DAVID WILFRED JR.	2,314,557	LANNES, ERIC M.	2,314,845
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,279,119	JOHNSON, ROBERT W.	2,314,841	LANO, ROBERTO	2,313,967
IBM CANADA LTD. - IBM CANADA LIMITÉE	2,279,222	JOHNSON, STEPHEN D.	2,297,881	LANZON, JAMES L.	2,314,760
ILLINOIS TOOL WORKS INC.	2,310,337	JOHNSON, TROY A.	2,306,225	LAPIS, GEORGE	2,310,577
IMPACT SERVICE CORPORATION	2,279,301	JOLY, JEAN-CLAUDE	2,279,483	LAstra S.P.A.	2,314,520
IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE	2,280,310	JONG, TUEN	2,279,244	LATIES, ALAN MALEV	2,314,571
IMPLEX AKTIENGESELLSCHAFT HEARING TECHNOLOGY	2,314,626	JUNG, TUNJA	2,314,668	LAUTZENHISER, JOHN L.	2,314,843
INOKI, MASAHIRO	2,314,634	JUNGHANS, BERND	2,314,699	LE ROLLAND, BRUNO	2,314,820
INOUE, KENJI	2,314,458	KABUSHIKIKAISHA EQUOS RESEARCH	2,314,726	LEE, BEGEJA	2,314,556
INSTITUT FRANCAIS DU PETROLE	2,316,710	KADOWAKI, MUNEHIRO	2,314,634	LEE, JIUN-JONG	2,279,139
INSTITUT FRANCAIS DU PETROLE	2,316,730	KANEKA CORPORATION	2,314,458	LEEDS, GARY	2,313,365
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,279,525	KAPTUE, LAZARE	2,314,466	LEGLER, EDWARD P.	2,297,881
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,310,553	KARABIN, WALTER	2,279,111	LEHMANN, HOLGER	2,314,746
		KATO, SHIGETO	2,314,732	LEININGER, LARRY W.	2,313,888
		KAWAKAMI, AKINORI	2,314,844	LEMAY, FRANÇOIS	2,279,491
		KAWASAKI JUKOGYO KABUSHIKI KAISHA	2,314,678	LES PRODUITS VERRIERS NOVATECH INC.	2,279,483
		KAWASAKI STEEL CORPORATION	2,283,368	LEUPOLD, MARTIN	2,314,703
		KAYAHARA, TOSHIHIRO	2,314,844	LEVASSEUR, JEAN-PIERRE	2,314,526
		KELLY, WILLIAM	2,314,679	LEVEY, KENNETH	2,310,337
		KESHAVARAJ, RAMESH	2,313,959	LEWARD, JOHN J.	2,314,483
		KESHAVARAJ, RAMESH	2,313,963	LEYSIEFFER, HANS	2,314,626
		KESHAVARAJ, RAMESH	2,313,965	LIEBHERR-AEROSPACE LINDENBERG GMBH	2,313,788
		KHOE, HOO-YIN	2,313,736	LIGHTSTONE, SAM S.	2,279,119
		KITAJIMA, SHINICHI	2,313,807	LIGHTSTONE, SAM S.	2,310,576
		KITAJIMA, SHINICHI	2,314,059	LIN, ROGER J.	2,311,181
		KITT, LONNIE J.	2,301,426	LINDEKUGEL, ERIC	2,314,755
		KNIGHT, CHRISTINE N.	2,279,091	LITTON SYSTEMS, INC.	2,315,591
		KOBAYASHI, TOSHIO	2,315,434	LIU, TIANMIN	2,279,134
		KODAKA, MIKIO	2,283,368	LOBISCH, MICHAEL	2,314,746
				LOGAN, DONALD A.	2,279,170
				LOGE, DENNIS	2,313,736
				LOUIS-BÉCHADE, FRÉDÉRIC	2,314,588
				LOVIG, BRIAN L.	2,279,053
				LOVIG, BRIAN L.	2,297,495
				LOWEN, HENRY ALFRED	2,279,001
				LU, DAVID T.	2,311,964
				LUCAS, FREDERIC	2,316,731
				LUCENT TECHNOLOGIES INC.	2,311,964

**Index of Canadian Laid-Open Applications
January 28, 2000 - February 3, 2001**

LUCENT TECHNOLOGIES INC.	2,313,736	McARTHUR, CATHERINE S.	2,279,092	NATIONAL RESEARCH COUNCIL OF CANADA	2,279,134
LUCENT TECHNOLOGIES INC.	2,313,941	McARTHUR, CATHERINE S.	2,279,119	NEC CORPORATION	2,315,324
LUCENT TECHNOLOGIES INC.	2,313,982	MCCREDIE, PAUL JOHN	2,298,816	NEW VENTURE GEAR, INC.	2,314,760
LUCENT TECHNOLOGIES INC.	2,314,266	McINNIS, DALE M.	2,279,028	NGK INSULATORS, LTD.	2,313,855
LUCENT TECHNOLOGIES INC.	2,314,302	MCKAY, BERNARD	2,314,266	NGUYEN, MY T.	2,279,299
LUCENT TECHNOLOGIES INC.	2,314,303	McKAY, JAMES RUSSELL	2,279,218	NIAGARA MOHAWK POWER CORPORATION	2,314,762
LUCENT TECHNOLOGIES INC.	2,314,374	MCKNIGHT, KATHY A.	2,279,051	NICHOLS, BRAD	2,314,667
LUCENT TECHNOLOGIES INC.	2,314,375	MCNEIL, JAMES B.	2,316,045	NICOLA, BRUCE EDWARD	2,311,960
LUCENT TECHNOLOGIES INC.	2,314,378	MCNEIL, JAMES B.	2,322,086	NIELSEN MEDIA RESEARCH, INC.	2,290,300
LUCENT TECHNOLOGIES INC.	2,314,400	MEDICAL SPECIALTIES, INC.	2,315,427	NIPPON ELECTRIC GLASS CO., LTD.	2,315,332
LUCENT TECHNOLOGIES INC.	2,314,427	MEEHAN, TOM	2,314,051	NIPPON ELECTRIC GLASS CO., LTD.	2,315,337
LUCENT TECHNOLOGIES INC.	2,314,430	MEHNERT, DAVID WEBB	2,314,535	NIPPON TSUSHO KABUSHIKI KAISHA	2,310,313
LUCENT TECHNOLOGIES INC.	2,314,516	MEIXNER, JURGEN	2,314,523	NISHIMURA, YOSHIAKI	2,314,285
LUCENT TECHNOLOGIES INC.	2,314,548	MENDOZA, RODOLFO	2,314,734	NISHIYAMA, AKIRA	2,314,458
LUCENT TECHNOLOGIES INC.	2,314,555	MERCIER, GUY	2,279,525	NOELL, J. OAKY	2,305,922
LUCENT TECHNOLOGIES INC.	2,314,557	METER DEVICES COMPANY, INC.	2,315,410	NORDIN, OLOF	2,314,834
LUKE, WAYNE DOUGLAS	2,314,682	MEUNIER, NATHALIE	2,279,525	NORR, WILLIAM M.	2,314,427
MA, ZHENGXIANG	2,314,555	MEYER, JOHN S.	2,315,025	NORTEL NETWORKS CORPORATION	2,309,402
MACEY, REX	2,314,628	MEYER, JURGEN	2,314,804	NORTEL NETWORKS CORPORATION	2,310,921
MADHYASTHA, MAITREYA	2,310,337	MICHAELIS, STEPHAN	2,314,639	NORTEL NETWORKS CORPORATION	2,314,051
MAEDA, YASUSHI	2,314,696	MICHELIN RECHERCHE ET TECHNIQUE S.A.	2,316,736	NORTEL NETWORKS CORPORATION	2,314,236
MAGID, RUTH	2,314,675	MICHIHATA, KEIZO	2,314,480	NORTEL NETWORKS CORPORATION	2,314,322
MAGITEK.COM, LLC	2,314,843	MIKOL, MARK CHARLES	2,314,576	NORTEL NETWORKS CORPORATION	2,315,319
MAJUMDAR, RAMENDRA NATH	2,311,038	MIKULICZ, MICHAEL Z.	2,279,373	NOTHEM, JEFFREY M.	2,299,826
MAJUMDAR, RAMENDRA NATH	2,311,960	MILLER, DOUGLAS WATHA	2,311,038	NTT DOCOMO, INC.	2,315,316
MAKIKAWA, SHINJI	2,314,696	MILLIKEN & COMPANY	2,313,959	NTT ELECTRONICS CORPORATION	2,314,696
MAKINO, HIROYUKI	2,314,059	MILLIKEN & COMPANY	2,313,963	O'BRIEN, JOHN	2,314,834
MALINGE, JEAN	2,314,527	MILLIKEN & COMPANY	2,313,965	OCHI, SHIGEHARU	2,283,368
MALKOWSKI, ELIZABETH A.	2,313,888	MINKKINEN, ARI	2,316,730	O'CONNELL, WILLIAM T.	2,279,119
MANCUSO, JAMES	2,279,149	MISSOUT, GILLES	2,313,937	ODECO ELECTRONICA, S.A.	2,297,849
MANFRA, MICHAEL JAMES	2,314,375	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,314,285	O'DONNELL, PATRICK	2,279,228
MANGOLD, HELMUT	2,314,804	MIURA CO., LTD.	2,314,844	OFER, EFFI	2,279,028
MANN, STEVE	2,313,693	MIURA INSTITUTE OF RESEARCH & DEVELOPMENT CO., LTD.	2,314,844	OGASAWARA, HIROYUKI	2,314,285
MANN, STEVE	2,316,473	MIZIKOVSKY, SEMYON B.	2,314,303	OGLE, DAVID MARK	2,310,553
MANN, STEVE G.	2,280,022	MIZON, RICHARD	2,314,760	OHIRA, KOJI	2,279,566
MANNING, RICHARD A.	2,312,629	MOBUS, KONRAD	2,314,690	OHLENDORF, OLIVER	2,314,054
MARCON, LIONEL	2,316,716	MOCK, ROBERT WAYNE JR.	2,313,941	OKI, HIDEYUKI	2,314,059
MARK VII EQUIPMENT, INC.	2,314,860	MOCK, ROBERT WAYNE JR.	2,313,982	OKURO, KAZUMI	2,314,458
MARKLUND, JAN	2,314,834	MOCK, ROBERT WAYNE JR.	2,314,745	OLSON, JAMES	2,311,181
MARTINS, ARMANDO S.	2,314,279	MOORE, STEVEN J.	2,308,433	ONISHI, TAKASHI	2,314,771
MASSARDO, PIETRO	2,314,750	MORALES, JORGE	2,314,734	ONISHI, TOSHIO	2,283,368
MATSUBARA, ATSUSHI	2,313,807	MORAN, JAMES WILLIAM	2,314,535	OOKUBO, TOMOHIRO	2,314,844
MATSUBARA, ATSUSHI	2,314,059	MORGAN CONSTRUCTION COMPANY	2,314,279	OOMMEN, BASANTKUMAR JOHN	2,279,359
MATUSEVICH, ALEX	2,314,266	MORIMATSU, TAKASHI	2,314,844	OSGOOD, PETER N.	2,314,279
MAYTAG CORPORATION	2,306,225	MUJTABA, SYED AON	2,314,400	OSTGARD, DANIEL	2,314,690
MAZE, MERVYN	2,280,310	MULLER, DIETER	2,314,626	OUELLETTE, RAYMOND	2,279,483
		MULLER, HANNS-PETER	2,314,523	PACCAR INC.	2,297,881
		MULLER, HEINO	2,314,523	PACIFIC BENTONITE LTD.	2,279,168
		MULLER, MARKUS	2,303,981	PASTE TIPICHE REGIONALI S.R.L.	2,314,354
		MURASHIMA, ATSUSHI	2,315,324	PAULI, ALFRED	2,314,578
		MURGEL, LEONARDO P.	2,314,616	PAYAN, STEPHEN	2,316,731
		MURPHY, MYLES PATRICK	2,314,266		
		MUSHO, MATTHEW K.	2,305,922		
		NAGAREDA, KATSUSHI	2,314,771		
		NAKAI, SEIYA	2,314,733		
		NAKATA, TOSHIHIDE	2,314,726		
		NAKAUNE, KAN	2,314,059		
		NATIONAL RESEARCH COUNCIL OF CANADA	2,279,000		

Index des demandes canadiennes mises à la disponibilité du public

28 janvier 2000 - 3 février 2001

PEAKCARE, LLC	2,313,365	ROTH, PAUL E.	2,314,796	SHINCOVICH, JOHN T.	2,315,410
PELEMAN, GUIDO	2,314,742	ROTH, PETER P.	2,314,796	SHIN-ETSU CHEMICAL CO., LTD.	2,314,696
PETING, ROBERT G.	2,312,308	ROY E. ROTH COMPANY	2,314,796	SHIRAKAWA, KOICHI	2,281,751
PETZOLDT, JOACHIM	2,314,523	RUDOLPH, RAINER	2,313,248	SHYMKO, WAYNE W.	2,279,514
PFEIFFER, LOREN, NEIL	2,314,375	RUPPRECHT, HANS	2,314,054	SIDLE, RICHARD S.	2,310,576
PFIZER INC.	2,315,614	RUPRECHT, DAVID R.	2,314,483	SIGEL, GARY A.	2,313,770
PFIZER PRODUCTS INC.	2,313,825	RUQUE, CHRISTIAN	2,314,530	SIGEL, GARY A.	2,313,888
PFIZER PRODUCTS INC.	2,314,571	RUTKOWSKI, MICHAEL J.	2,323,916	SILVESTER, JOHN	2,314,616
PFIZER PRODUCTS INC.	2,314,572	S.I.C.M.A. S.P.A. SOCIETA INDUSTRIALE COSTRUZIONI MECCANICHE E AFFINI	2,314,757	SIMS, CARL	2,314,850
PHAM, HUNG ANTHONY	2,314,850	SAARI-NORDHAUS, RAAIDAH	2,314,850	SINGH, MANWINDER	2,279,766
PHANEUF, SIMON	2,314,588	SABRY, MARTIN	2,315,319	SKERMER, NIGEL A.	2,279,168
PICCOLO, ORESTE	2,314,750	SAD, SUBASH	2,279,134	SLAVEJKOV, ALEKSANDAR G.	2,314,483
PICKERING, STEVEN DAFYDD ALAN	2,314,838	SAGUCHI, KATSUHIKO	2,314,726	SMITH, DAVID RANDOLPH	2,314,801
PIRAHESH, MIR HAMID	2,310,577	SAINT-GOBAIN INDUSTRIAL CERAMICS, INC.	2,311,181	SOCIAS BATET, MARCELINO	2,297,849
PIRAHESHI, MIR HAMID	2,310,576	SAKAI, KOSUKE	2,281,751	SOGEVAL S.A.	2,316,731
PITTAMPALLI, ESHWAR	2,314,430	SAKAMOTO, AKIHIKO	2,315,332	SOLTANI-AHMADI, AHMAD	2,314,498
POLAKOS, PAUL ANTHONY	2,314,555	SAKAMOTO, AKIHIKO	2,315,337	SONG, GAO	2,312,518
PONTE, JAY MICHAEL	2,310,842	SALAZAR, EDUARDO	2,314,784	SONY CORPORATION	2,315,434
PONTE, JAY MICHAEL	2,310,929	SAMSUNG ELECTRONICS CO., LTD.	2,288,425	SOTTILE, VINCENT	2,313,931
PONTE, JAY MICHAEL	2,310,931	SANDELS, GREGORY A.	2,313,941	SOTTILE, VINCENT N.	2,313,931
POSTHUMA, CARL ROBERT	2,314,516	SANDELS, GREGORY A.	2,313,982	SPANGENBERG, ROLF	2,314,054
POWELL, DENNIS	2,312,471	SANDELS, GREGORY A.	2,314,745	SQUILLER, EDWARD P.	2,313,065
POWELL, TIMOTHY E.	2,299,160	SANYO ELECTRIC CO., LTD.	2,279,566	SRIKANTH, AYIKUDY	2,314,051
POWERS, JOHN A., III	2,314,409	SANYO TUNERS INDUSTRIES CO., LTD.	2,279,566	STAAB, RAYMOND R.	2,314,548
POZEFESKY, DIANE PHYLIS	2,310,553	SARASWAT, VIJAY ANAND	2,314,780	STAWITZ, JOSEF-WALTER	2,314,639
PREMARK RWP HOLDINGS, INC.	2,308,247	SASSEVILLE, JEAN-LOUIS	2,279,525	STEADMAN, WILLIAM DAVID	2,314,810
PREMARK RWP HOLDINGS, INC.	2,308,433	SATO, SHIGERU	2,314,733	STEIN, GERNOT	2,314,690
PRIESGEN, TONY P.	2,299,826	SATO, TAICHI	2,281,751	STEINBACH, KLAUS	2,314,674
PROULX, GENEVIEVE CHRISTIANNE	2,279,019	SAUDEMONT, THIERRY	2,314,527	STELTER, NILS	2,313,494
PROULX, GENEVIEVE CHRISTIANNE	2,307,281	SAUTERLEUTE, ALFRED	2,313,788	STEPHENS, GARY BOYD	2,310,921
PRZYBYLSKI, PIOTR	2,279,118	SAWAMURA, KAZUTOMO	2,313,807	STEPHENSON, JOHN W.	2,279,118
QUEBEC METAL POWDERS LTD.	2,313,876	SAWAMURA, KAZUTOMO	2,314,059	STORISTEANU, ADRIAN	2,279,091
RABIE, HAMID R.	2,279,087	S-B POWER TOOL COMPANY	2,312,471	STUFFER, HANS	2,313,494
RABIE, HAMID R.	2,279,766	SCALONE, MICHELANGELO	2,314,699	SUBH, NAIF TALEB	2,313,941
RAFFEL PRODUCT DEVELOPMENT CO., INC.	2,279,322	SCHAFFNER, JORG	2,313,248	SUBH, NAIF TALEB	2,313,982
RAFFEL, MARK J.	2,279,322	SCHARFE, MARK	2,279,020	SUBH, NAIF TALEB	2,314,745
RAMSEY, JOSEPH W.	2,314,049	SCHEIDLING, MATTHIAS	2,314,255	SUDA, HIROHITO	2,315,316
RAUTSCHEK, HOLGER	2,314,766	SCHIEDEL, RICHARD	2,279,149	SUGANO, KOJI	2,283,368
RAZZETTI, LUCA	2,313,942	SCHILLING, KURT	2,314,578	SULZER METCO AG	2,303,981
REED, SCOTT W.	2,314,859	SCHMIDT, HELMUT	2,279,483	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,314,732
REETZ, WESLEY A.	2,314,762	SCHMIDT, DAVE	2,311,341	SUMITOMO HEAVY INDUSTRIES, LTD.	2,283,368
REITBERGER, RUDOLF	2,314,054	SCHNEIDER, GERRIT	2,314,804	SUNDSTROM, ROBERT JOSEPH	2,310,553
REPOVS, JOSEPH P.	2,314,409	SCHOCH, DANIEL A.	2,314,722	SZELENYI, ISTVAN	2,314,746
RHEEM MANUFACTURING COMPANY	2,299,160	SCHULZ, DARREN JOHN	2,315,614	TAKAHAMA, MASAYUKI	2,314,285
RHEIN CHEMIE RHEINAU GMBH	2,314,578	SCHWARZ, ELISABETH	2,313,248	TAKAHASHI, HIDEYUKI	2,314,059
RICE, DAVID REAGAN	2,313,736	SCOTT, TIMOTHY D.	2,314,845	TAKAHASHI, MICHIO	2,313,855
RIELAU, SERGE P.	2,310,577	SEALSTRIP CORPORATION	2,314,505	TAKAHASHI, MIKIHIRO	2,314,739
ROBBINS, JEFFREY L.	2,314,498	SEIDL, KENNETH	2,279,322	TAKAHASHI, MIKIHIRO	2,314,740
ROESLER, RICHARD R.	2,313,065	SEIKOH GIKEN CO., LTD.	2,314,329	TAKAHASHI, MITSUO	2,314,329
ROHM AND HAAS COMPANY	2,314,384	SEKIHARA, TORU	2,315,837	TAKAHASHI, SYUICHI	2,314,285
ROHM AND HAAS COMPANY	2,315,839	SETO, NORMAN K. W.	2,279,118	TAKAMATU, TUTOMU	2,313,947
ROHR, WILLIAM	2,313,928	SGE ENVIRONNEMENT	2,314,526	TAKASE, HIRONARI	2,314,739
ROOVERS, JACQUES	2,279,000	SHARIFI-MEHR, AMIR ALI	2,314,859	TAKASE, HIRONARI	2,314,740
ROSENAU, CLIFFORD M.	2,313,770	SHELL CANADA LIMITED	2,314,801	TANAKA, NOBUKI	2,283,368
ROSS, JEFFREY S.	2,313,888	SHERMAN, BERNARD CHARLES	2,280,925	TANAKA, OSAMU	2,314,844
ROSSIER, JOSE	2,314,024	SHIEH, SHUCHING	2,314,236	TANG, CHO Y.	2,315,319
		SHIMATANI, NARUTOSHI	2,315,332	TANIMOTO, MICHIAKI	2,314,251
		SHIMATANI, NARUTOSHI	2,315,337	TAYLOR, BRENT EDWARD	2,313,736
				TELEDYNE INDUSTRIES, INC.	2,314,755

**Index of Canadian Laid-Open Applications
January 28, 2000 - February 3, 2001**

TELEFLEX INCORPORATED	2,314,255	WATERWORKS	
TÉTREAULT, STÉPHANE	2,314,588	TECHNOLOGY	
TEWANI, KAMLESH T.	2,314,444	DEVELOPMENT	
THE GOODYEAR TIRE & RUBBER COMPANY	2,311,038	ORGANIZATION CO., LTD.	2,281,751
THE GOODYEAR TIRE & RUBBER COMPANY	2,311,960	WEBB, GRANT	2,314,255
THE MINSTER MACHINE COMPANY	2,311,341	WEBBER, RANDALL T.	2,312,857
THE MINSTER MACHINE COMPANY	2,314,722	WEST, KENNETH WILLIAM	2,314,375
THIYAGARAJAH, MURALI	2,279,359	WEST, ROBERT E.	2,314,859
THOMAS & BETTS INTERNATIONAL, INC.	2,315,025	WILLIAMS, RANDOLPH C.	2,314,760
THOMPSON, BENNIE	2,314,785	WILLKENS, CRAIG A.	2,311,181
TIEFENTHALER, DOMENICO	2,314,520	WIMMER, JOSEF	2,314,766
TIPTON, MARVIN WAYNE	2,311,960	WINEGARDEN, NEIL A.	2,316,045
TITTEL, RICHARD	2,314,370	WINEGARDEN, NEIL A.	2,322,086
TOHOKU ELECTRIC POWER COMPANY INCORPORATED	2,314,285	WINER, MICHAEL J.	2,279,028
TOKUYASU, JIN	2,314,771	WINER, MICHAEL J.	2,279,051
TOTH, FERENCZ NANDOR	2,314,700	WINER, MICHAEL J.	2,310,576
TOYOOKA, TAKA AKI	2,283,368	WMS GAMING INC.	2,313,264
TRAN-QUOC-NAM, JOHN	2,300,290	WOLF, CHRISTINE	2,314,766
TRAVERSO, GIOVANNI	2,313,942	WONG, CATHARINA K.	2,279,051
TRECKER, GARY W.	2,314,535	WONG, YIU-HUEN	2,314,375
TRITON CORPORATION	2,299,826	WRIGHT, BRUCE C.	2,314,796
TRUDEL, ALAIN	2,313,876	WUHR, MICHAEL	2,314,578
TRUONG, TUONG CHANH	2,310,576	YAMADA, HIROYUKI	2,315,332
TSAI, SHENG-JEN	2,314,266	YAMADA, HIROYUKI	2,315,337
TSUJIOKA, SHOICHI	2,314,739	YAMADA, NOBORU	2,314,285
TSUJIOKA, SHOICHI	2,314,740	YAMAO, YASUSHI	2,315,316
TURK, DAVID A.	2,308,523	YAMATO SCALE COMPANY, LIMITED	2,314,251
TYAGI, RAJESHWAR D.	2,279,525	YANAGITA, HIROAKI	2,314,841
UCHIDA, MASAHIRO	2,310,313	YANG, QINLING	2,279,134
ULTEX CORPORATION	2,314,733	YANOU, KOICHIRO	2,314,285
UMEDA, NARUMI	2,315,316	YASUMURA, TAKASHI	2,314,693
UNIBIND -CYPRUS LIMITED	2,314,742	YORIFUJI, AKIRA	2,283,368
UNIVERSITY HEALTH NETWORK	2,316,045	YOSHIOKA, CHIKARA	2,314,693
UNIVERSITY HEALTH NETWORK	2,322,086	YOSHIKAWA, KAGEYOSHI	2,310,313
UOP LLC	2,279,373	YU, GANG	2,312,518
USINOR	2,314,830	YU, GANG	2,312,559
VAN GELDEREN, GERRIT JOHAN	2,311,960	YU, LI JULIA	2,314,572
VANCE, BENNET	2,310,577	ZALECKAS, JEAN F.	2,311,964
VANDENBERG, REX	2,278,977	ZANON, ERIO	2,314,759
VANG, DAVID	2,279,322	ZEIBIG, THOMAS ALBERT	2,314,699
VENET, NORBERT	2,314,621	ZEKENG, LEOPOLD	2,314,466
VETTER, UDO J.	2,314,674	ZELLER, LESLEY ALAN	2,279,218
VEZZANI, CORRADO	2,314,681	ZENON ENVIRONMENTAL INC.	2,279,087
VIBRANT PHOTO AND ELECTRONICS INC.	2,323,828	ZENON ENVIRONMENTAL INC.	2,279,766
VIOLLE, HENRI	2,314,527	ZETA PROGRAMM DI ERIO ZANON & C. S.A.S.	2,314,759
VOMM CHEMIPHARMA S.R.L.	2,314,681	ZHENG, ROGER LUO Q.	2,279,028
WACKER-CHEMIE GMBH	2,314,766	ZHENG, ROGER LUO Q.	2,279,051
WAKAE, KOICHI	2,314,844	ZHU, YIXIN	2,309,402
WAKASHIRO, TERUO	2,313,807	ZSCHEILE, ERIKA	2,314,766
WAKASHIRO, TERUO	2,314,059	ZUCHELLI, LIBERO	2,313,967
WANG, GUO-QIANG	2,314,322	ZUZARTE, CALISTO P.	2,310,576
WARD, DARREN BRETT	2,314,374		
WARREN, KENNETH D.	2,279,301		

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

ABBOTT LABORATORIES	2,326,374	ARNOLD, JAY	2,328,620	BEDJUKH, ALEXANDR	
ACADEMISCH ZIEKENHUIS		ASADA, KIYOZO	2,326,725	RADIEVICH	2,327,272
GRONINGEN	2,326,691	ASAOKA, SACHIO	2,327,591	BEDNAREK, ROBERT A.	2,328,346
ACHOUR, MAHA	2,328,354	ASCIONE, ANGELO	2,328,163	BEDNARZ, BERNARD	2,328,306
ACRES, STEPHEN D.	2,327,262	ASLAMI, MOHAMMAD AFZAL	2,328,143	BEECKMAN, TOM	2,326,689
ADACHI, MAMORU	2,328,615	ATKINSON, GORDON E.	2,327,657	BEESTMAN, GEORGE B.	2,328,479
ADAMSON, J. GORDON	2,326,720	ATKINSON, GORDON E.	2,327,682	BELL, DAVID	2,326,378
ADC TELECOMMUNICATIONS,		ATLANTIC RESEARCH		BELOIT TECHNOLOGIES, INC.	2,328,187
INC.	2,328,325	CORPORATION	2,328,083	BELOIT TECHNOLOGIES, INC.	2,328,189
ADUK, MOSHE	2,327,728	AVANEX CORPORATION	2,327,654	BELT, MARCEL	2,328,186
AEROCRINE AB	2,328,244	AVENTIS CROPSCIENCE GMBH	2,327,732	BENCH, MAURICE	2,328,288
AGENT SYSTEMS, INC.	2,328,253	AVENTIS PHARMA		BENNER, ROBBERT	2,328,529
AGENT SYSTEMS, INC.	2,328,254	DEUTSCHLAND GMBH	2,328,522	BENNETT, BEATRIZ N.	2,327,729
AGOSTINO, MICHAEL	2,328,527	AVILA, JESUS	2,328,126	BERD, DAVID	2,327,339
AHL, BENGT	2,327,330	AVON PRODUCTS, INC.	2,327,729	BERNHAGEN, JURGEN	2,328,473
AHL, BENGT	2,327,331	AXYA MEDICAL, INC.	2,328,233	BERTSCH-FRANK, BIRGIT	2,328,107
AHN, JAE-MIN	2,328,441	AXYA MEDICAL, INC.	2,328,237	BIOSTAR INC.	2,327,262
AHN, JAE-MIN;	2,328,307	AXYA MEDICAL, INC.	2,328,467	BIOSTREAM, INC.	2,328,614
AIGNER, HANSJORG	2,328,468	AXYS PHARMACEUTICALS,		BIRKESTRAND, ORVILLE J.	2,328,426
AJINOMOTO CO., INC.	2,327,938	INC.	2,327,352	BISBAL TUDELA, JOSEP LLUIS	2,328,239
AJITO, KEIICHI	2,327,673	AZIMZAI, YALDA	2,327,259	BLACK, GERALD R.	2,327,580
AKAHANE, MASUO	2,328,348	BABICH, JOHN W.	2,328,614	BLATT, LAWRENCE	2,326,695
AKZO NOBEL N.V.	2,327,342	BABIN, ANDRE	2,328,231	BLECH, STEFAN	2,328,264
AKZO NOBEL N.V.	2,327,353	BABSON BROS. CO.	2,328,248	BLOM, NICO	2,328,482
AKZO NOBEL N.V.	2,328,195	BAECK, ANDRE CESAR	2,326,372	BLUM, RONALD D.	2,328,353
ALBEMARLE CORPORATION	2,328,178	BAKER HUGHES		BLUME, THORSTEN	2,327,714
ALCATEL	2,328,063	INCORPORATED	2,327,671	BM RESEARCH A/S	2,327,685
ALDERSON, MARK	2,326,598	BAKER, KEVIN P.	2,321,677	BOEHRINGER INGELHEIM	
ALLEN, DARREL LAVERN	2,327,670	BAKER, MATTHEW P. J.	2,328,437	PHARMA KG	2,328,264
ALLISON ADVANCED		BALCK, KENNETH	2,328,078	BONAVIA, GRANT	2,328,614
DEVELOPMENT		BALDUF, TORSTEN	2,328,107	BONGS, JURGEN	2,328,522
COMPANY	2,321,640	BALHOFF, DONALD E.	2,328,178	BOON-FALLEUR, THIERRY	2,326,675
ALMA MEDIA OYJ	2,328,065	BANDMAN, OLGA	2,327,259	BORGLUM, BRIAN P.	2,327,939
ALMAGUER, JAMES	2,328,454	BANDMAN, OLGA	2,327,355	BORGLUM, BRIAN P.	2,327,940
ALMSTEAD, NEIL GREGORY	2,328,211	BANNERJEE, PALLAB	2,328,436	BORRELLI, NICHOLAS F.	2,327,664
ALSTOM UK LTD.	2,328,347	BANYU PHARMACEUTICAL		BORUCINSKI, THOMAS	2,328,150
ALTCOSALIAN, GERALD		CO., LTD.	2,327,931	BOS, PETER	2,327,704
HAGOP	2,328,617	BAR-SHALOM, DANIEL	2,327,685	BOSCHETTI, EGISTO	2,327,301
ALVING, KJELL	2,328,244	BASAGANAS MILLAN, JORDI	2,328,221	BOSCHETTI, EGISTO	2,327,327
ALZO, INC.	2,328,104	BASF AKTIENGESELLSCHAFT	2,328,440	BOSTON SCIENTIFIC	
AMERICAN CALCAR INC.	2,322,007	BASHAN, ODED	2,327,728	CORPORATION	2,327,696
AMINO, YUSUKE	2,327,938	BASS, JONATHAN L.	2,328,176	BOSTON SCIENTIFIC LIMITED	2,328,242
AMMANN, KELLY G.	2,328,069	BAUGHN, MARIAH	2,327,354	BOURBONNAIS, ROBERT	2,328,125
ANDERSON, CHADWICK P.	2,328,619	BAUGHN, MARIAH R.	2,327,259	BOUTILIER, GLENN DAVID	2,328,322
ANDERSON, CHRISTEN M.	2,326,600	BAULIER, GERALD DONALD	2,327,338	BOYER, STANTON LANE	2,326,372
ANDERSSON, SVEN-ERIK	2,327,342	BAULIER, GERALD DONALD	2,327,680	BRACCO S.P.A.	2,327,705
ANDREA ELECTRONICS		BAUMERT, ROBERT J.	2,328,220	BRACKENRIDGE, DAVID R.	2,328,178
CORPORATION	2,328,071	BAXTER INTERNATIONAL INC.	2,327,682	BRACKENRIDGE, IAN	2,328,345
ANGERT, HUBERT	2,328,106	BAYER		BRADLEY, ALLAN	2,326,684
ANTHONY SAMY, DANIEL	2,327,732	AKTIENGESELLSCHAFT	2,328,453	BRANDENBERGER, HARRY	2,327,716
AO, MENG-SHENG	2,328,178	BAYLOR COLLEGE OF		BRAZELL, KENNETH M.	2,328,225
ARAKAWA, TAKESHI	2,326,373	MEDICINE	2,326,684	BRIE, SERGE	2,328,309
ARCO CHEMICAL		BECKER-BALFANZ, CATRIN	2,328,107	BRITANNIA	
TECHNOLOGY, L.P.	2,327,609	BECKERDITE, JOHN M.	2,328,217	PHARMACEUTICALS	
ARCO CHEMICAL		BECTON, DICKINSON AND		LIMITED	2,327,693
TECHNOLOGY, L.P.	2,327,697	COMPANY	2,321,441	BROCKMANN, THORSTEN W.	2,328,178
ARNDT, JOSEPH	2,326,374				

Index of PCT Applications Entering the National Phase

BROOKHAVEN SCIENCE ASSOCIATES	2,326,687	CHEN, WEN Y.	2,328,520	DE GIOVANNI, GERARD	2,326,675
BROOKS, COLIN	2,328,158	CHENG, MENYAN	2,328,211	DE LUIGI BRUSCHI, STEFANO	2,328,080
BROOKS, DARYL	2,328,158	CHERKASSKY, ALEXANDER P.	2,328,624	DE WECK, ALAIN J.	2,328,079
BROOKS, STANLEY J.	2,328,623	CHEUNG, TAK WAI	2,328,236	DE, BISWANATH	2,328,211
BROUN, PIERRE	2,326,687	CHEUNG, TAK WAI	2,328,301	DEGENER, JOHN EDWARD	2,326,691
BROWN, ANTHONY K. DALE	2,327,271	CHEVRON U.S.A. INC.	2,326,900	DEGUSSA-HULS	
BROWN, LAWRENCE	2,328,163	CHICKERING, DONALD EDWARD	2,327,649	AKTIENGESELLSCHAFT	2,328,106
BROWN, STEPHEN HAROLD	2,327,688	CHIRAL PHOTONICS, INC.	2,327,662	DEGUSSA-HULS	
BRUNNER, HERWIG	2,328,473	CHIRON CORPORATION	2,326,685	AKTIENGESELLSCHAFT	2,328,107
BRUNTON, ROBERT SIDNEY	2,328,306	CHIRON S.P.A.	2,326,376	DEHDASHTIAN, MARK	2,327,682
BUEKERS, VALERE	2,327,704	CHIYODA CORPORATION	2,327,591	DEMLER, CHRISTOPHER L.	2,327,613
BUILDERS' REDI-MIX, INC.	2,327,668	CHRISTENSEN SIEGFRIED		DEMUTH, MARTIN	2,328,160
BULL S.A.	2,328,101	BENJAMIN IV	2,328,250	DENINGER, ANSELM	2,327,733
BULTHUIS, BEN	2,326,722	CHRISTENSEN, SIEGFRIED BENJAMIN IV	2,328,245	DEROOST, DIRK	2,327,704
BURKHARDT, GEORG	2,328,147	CHRISTOPOULOS, DIONISSIOS	2,328,715	DESSAU, RALPH M.	2,327,609
BURNS, RALPH E.	2,328,069	CHUANG, KARL T.	2,328,355	DESSAU, RALPH M.	2,327,697
BURSSSENS, SYLVIA	2,326,689	CLARIANT FINANCE (BVI) LIMITED	2,327,679	DETEMOBIL DEUTSCHE TELECOM MOBILNET GMBH	2,327,712
BUTKO, VALERY GRIGORIEVICH	2,327,272	CLEVENGER, WILLIAM	2,326,600	DEVINE, PAUL N.	2,327,931
BUTOVITSCH, PETER PAUL	2,327,722	CLOWES, J. R.	2,326,900	DIAGNOSTIC HYBRIDS, INC.	2,326,724
CABELL, DAVID WILLIAM	2,328,255	COASTAL CATALYST TECHNOLOGY, INC.	2,327,622	DICK, IAN ROBERT	2,328,306
CABLETRON SYSTEMS, INC.	2,328,220	COHEN, MICHAEL	2,328,214	DICKERSON, HARRY L.	2,328,222
CABOT SAFETY INTERMEDIATE CORPORATION	2,328,419	COLLIE, CHARLES C.	2,327,671	DICKINSON, PAUL ALFRED	2,327,336
CAHILL, MICHAEL H.	2,327,338	COMEY, CHRISTOPHER	2,327,348	DICKSON, TODD	2,328,232
CAHILL, MICHAEL H.	2,327,680	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,328,227	DIGITAL PAPER, CORPORATION	2,327,667
CAI, WEI WEN	2,326,684	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2,328,306	DIVERSA CORPORATION	2,321,930
CAIN, BRUCE E.	2,328,240	CONAGRA, INC.	2,328,466	DIZEREGA, GERE	2,328,871
CAIN, MATTHEW	2,327,668	CONBRACO INDUSTRIES, INC.	2,328,173	DOBNICK, DENNIS A.	2,327,666
CAIZZA, RICHARD	2,321,441	CONIX CORPORATION	2,328,626	DOERKSEN, BRIAN J.	2,328,475
CALANCHI, MASSIMO MARIA	2,328,080	CONOCO INC.	2,328,475	DONALDSON, ASHLEY	2,328,235
CAMBRIDGE DISPLAY TECHNOLOGY LIMITED	2,328,094	CORIXA CORPORATION	2,326,598	DONINI, JOHN C. (deceased)	2,328,355
CAMPOS-NETO, ANTONIO	2,326,598	CORLEY, NEIL C.	2,327,263	DONNELLY, JOHN	2,328,180
CANJI, INC.	2,328,084	CORLEY, NEIL C.	2,327,354	DORLING, ANTHONY	2,326,671
CAO, SIMON X. F.	2,327,654	CORLEY, NEIL C.	2,327,355	DRAKE, JESSE S.	2,328,168
CARBALLIDO RODRIGUEZ, JOAQUIN	2,328,148	CORNING APPLIED TECHNOLOGIES	2,328,089	DRESSSEL, JAN	2,327,712
CARDIAC PACEMAKERS, INC.	2,328,064	CORNING INCORPORATED	2,327,664	DUKE, KEVIN	2,328,103
CARDIAC PACEMAKERS, INC.	2,328,070	COYLE, JOSEPH	2,328,197	DULAC, LAWRENCE M.	2,328,173
CARDIFF SCINTIGRAPHICS LIMITED	2,327,336	CRAWLEY, C. M.	2,326,900	DULLE, KARL-HEINZ	2,328,150
CARDILLO, ROBERTO	2,328,063	CRONIN, JOHN C.	2,327,667	DURGIN, RUSS	2,328,242
CARDIO TECHNOLOGIES, INC.	2,327,726	CRONOS INTEGRATED MICROSYSTEMS, INC.	2,327,820	DYNAMIC HEALTHCARE LTD.	2,328,625
CARGILE, DAVID W.	2,328,456	CROPDESIGN N.V.	2,326,689	E.I. DU PONT DE NEMOURS AND COMPANY	2,326,722
CARNEGIE INSTITUTION OF WASHINGTON	2,326,687	CROSBY, JACK L.	2,328,487	E.I. DU PONT DE NEMOURS AND COMPANY	2,327,674
CARNEY, RONALD E.	2,326,374	CUNNINGHAM, DON	2,328,158	E.I. DU PONT DE NEMOURS AND COMPANY	2,327,675
CARRE, ALAIN R. E.	2,327,664	CVD SYSTEMS, INC.	2,328,295	E.I. DU PONT DE NEMOURS AND COMPANY	2,328,470
CARROLL TECH, INC.	2,327,341	DADE-FIGUEROA, TANYA	2,328,176	E.I. DU PONT DE NEMOURS AND COMPANY	2,328,474
CARROLL, BRIAN E.	2,327,341	DADGAR, BILLIE B.	2,328,178	E.I. DU PONT DE NEMOURS AND COMPANY	2,328,484
CARTER, ADRIAN	2,328,264	DANILOV, EVGUENI BORISOVICH	2,328,143	E.I. DU PONT DE NEMOURS AND COMPANY	2,328,608
CARTER, MICHAEL J.	2,321,441	DANISCO A/S	2,328,185	E.I. DU PONT DE NEMOURS AND COMPANY	2,328,618
CASCIERI, MARGARET	2,326,694	DANNOUX, THIERRY L. A.	2,327,664	EBERLE, BALTHASAR	2,327,733
CAVAGNA, FRIEDRICH M.	2,327,705	DAVENPORT, ADRIAN CHARLES	2,328,093	EBERT, MICHAEL	2,327,733
CEDERVALL, MATS	2,327,647	DAVIDSON, THOMAS F.	2,328,083	ECOFORM UMFORMTECHNIK GMBH	2,327,711
CEKIC, MIODRAG	2,327,684	DAVIS, BRUCE W.	2,328,253	EDWARDS, JOHN L.	2,328,487
CHAMBERLAND, RENE	2,328,432	DBK ESPANA, S.A.	2,328,221	EEROLA, TUOMAS	2,328,065
CHAN LIZARDO, KRISTINE R.	2,328,409	DCI DATABASE FOR COMMERCE AND INDUSTRY AG	2,328,445	EGAN, JOHN J., III	2,327,613
CHANG, JENNIFER	2,328,247			EGAN, SEAN E.	2,326,601
CHARBONNEAU, LARRY F.	2,328,470			EGAN, THOMAS D.	2,328,233
CHARBONNEAU, LARRY F.	2,328,484				
CHARBONNEAU, LARRY F.	2,328,608				
CHARBONNEAU, LARRY, F.	2,328,474				
CHARNEAU, PIERRE	2,326,719				
CHEN, HONG	2,327,652				
CHEN, JIAN	2,321,677				
CHEN, QIUSHUI	2,328,089				

Index des demandes PCT entrant en phase nationale

EGAN, THOMAS D.	2,328,237	FUJIMURA, YOSHIYUKI	2,328,085	GRIMES, JAMES E.	2,328,256
EID, BERNARD	2,327,664	FUJISAWA PHARMACEUTICAL CO., LTD.	2,328,413	GROSSMAN, TINO	2,327,733
ELI LILLY AND COMPANY	2,327,617	FUJITA, TOMOKO	2,326,725	GRUBER, JOSEPH MICHAEL	2,327,617
ELI LILLY AND COMPANY	2,327,670	FUNG, SHUN CHONG	2,328,088	GRUBER, JOSEPH MICHAEL	2,327,706
ELI LILLY AND COMPANY	2,327,706	FUSION UV SYSTEMS, INC.	2,327,651	GUEGLER, KARL J.	2,327,263
ELLIS, THOMAS J.	2,328,222	FUSION UV SYSTEMS, INC.	2,327,684	GUEGLER, KARL J.	2,327,354
ENDO, SATOSHI	2,327,695	GAIDA, WOLFRAM	2,328,264	GUEGLER, KARL J.	2,327,355
ENGEL, PAUL S.	2,327,730	GANEDEN BIOTECH, INC.	2,326,874	GUPTA, AMIT	2,328,095
ENKOTEC A/S	2,327,343	GARCIA GRAVALOS, DOLORES	2,328,126	GUPTA, AMIT	2,328,319
ERASMUS UNIVERSITEIT ROTTERDAM	2,328,529	GARCIA PAEZ, JOSE MARIA	2,328,148	GUPTA, PRAMOD	2,328,453
ERICSSON INC.	2,327,330	GATENBY, ANTHONY A.	2,326,722	GURLA, HIMABINDU	2,328,325
ERICSSON INC.	2,327,331	GATH, URSULA	2,328,264	GURNEY, AUSTIN L.	2,321,677
ERICSSON INC.	2,328,127	GAUDERNACK, GUSTAV	2,327,523	GUSE, DIETER	2,327,615
ERIKSEN, JON AMUND	2,327,523	GE FANUC AUTOMATION NORTH AMERICA, INC.	2,328,256	GUSTAFSSON, LARS ERIK	2,328,244
ESPERLING, PETER	2,327,714	GEBHARD, ALBERT W.	2,327,934	GUSTERMAN, ALEXANDRE J.	2,327,271
ESTES, BRADLEY T.	2,327,348	GEGNER, JURGEN	2,328,150	HACHISU, MITSUGU	2,327,673
E-TEC CORPORATION	2,328,622	GENACK, AZRIEL ZELIG	2,327,662	HACKETT, KATHLEEN A.	2,327,934
ETHYL TECH, INC.	2,328,355	GENENCOR INTERNATIONAL, INC.	2,326,722	HAGEN, KENNETH J.	2,327,699
EURAND INTERNATIONAL S.P.A.	2,328,080	GENENTECH, INC.	2,321,677	HAID, REGIS W., JR.	2,327,348
EUROPEAN COMMUNITY	2,328,152	GENERAL MILLS, INC.	2,328,215	HAKE, JENS	2,327,712
EUYBOGLU, M. VEDAT	2,328,098	GENETICS INSTITUTE, INC.	2,328,527	HALLIBURTON ENERGY SERVICES, INC.	2,328,235
EVANS, CHERYL	2,328,527	GENPAK, L.L.C.	2,328,105	HANSBERRY, ERNEST V.	2,328,069
EVERTS, ROBERT G.	2,328,225	GEN-PROBE INCORPORATED	2,328,069	HANSEN, HANS	2,328,528
EXACT LABORATORIES, INC.	2,326,697	GENTILINI, LEONARDO	2,328,080	HANSEN, JEFFREY L.	2,321,640
EXACT LABORATORIES, INC.	2,328,616	GENZYME CORPORATION	2,328,087	HANSON, DENISE E.	2,328,466
EXXON RESEARCH AND ENGINEERING COMPANY	2,328,088	GEORGETOWN UNIVERSITY MEDICAL CENTER	2,327,329	HARARY, RONNEN	2,328,067
FABBRO, ALBERTO	2,328,613	GERSTIN, EDWARD H.	2,327,259	HARBOR-UCLA	2,328,518
FAIRCLOTH, GLYNN THOMAS	2,328,126	GIBERTONI, LUCIO	2,327,698	HARFMANN, WALTER R.	2,328,105
FARMER, SEAN	2,326,874	GILBOA, RONNIE	2,327,728	HARIKUMAR, GOPAL	2,327,678
FAULKNER, KATHY	2,327,703	GILLBERG, LARS INGEMAR	2,328,239	HARLAND, RICHARD	2,327,262
FECTEAU, KEITH E.	2,328,419	GILMORE, RICHARD	2,328,152	HARTLEY, DAVID	2,328,345
FEDERAL-MOGUL TECHNOLOGY LIMITED	2,328,093	GIROT, PIERRE	2,327,301	HARTMAN, ROBERT L.	2,328,446
FENTON, PAUL V., JR.	2,328,233	GIROT, PIERRE	2,327,327	HAYAKAWA, EIJI	2,327,655
FENTON, PAUL V., JR.	2,328,467	GIROUX, DANIEL D.	2,328,084	HAYAKAWA, EIJI	2,328,100
FERRARA, VIRGINIA KAY	2,327,338	GISSLER, WOLFRAM	2,328,152	HEARING ENHANCEMENT COMPANY, LLC	2,328,353
FERRARA, VIRGINIA KAY	2,327,680	GLENNEBERG, JURGEN	2,328,106	HEIDECK, GUNTER	2,327,340
FEYGIN, SAVVA	2,327,683	GODDARD, AUDREY	2,321,677	HEIJKOOP, TEUNIS	2,328,306
FIBERCORE, INC.	2,328,143	GODOY, ALAIN	2,327,900	HEIL, WERNER	2,327,733
FIELDS, DONALD L., JR.	2,328,123	GODOY, ANDRE	2,327,900	HEIN, PATRICK M.	2,328,248
FIRAT, HUSEYIN	2,326,719	GOLDSTEIN, THEODORE C.	2,328,480	HEINEN, SORAYA	2,328,465
FISCHER, BART	2,328,195	GOLLER, HANS-ULRICH	2,328,442	HEINZEN, CHRISTOPH	2,327,716
FISCHER, LAWRENCE	2,328,325	GOLLOHOFER, MARTIN	2,327,270	HEKI, YUKIO	2,328,313
FLEXSYS AMERICA L.P.	2,328,123	GOMEZ-MANCILLA, BALTAZAR	2,327,299	HELLER-DEJULIO CORPORATION	2,328,267
FLINT, JOHN A.	2,328,470	GOODRUM, PATRICIA GAIL RAY	2,326,724	HELSE, MICHAEL A.	2,328,215
FLORIN INVESTMENTS LIMITED	2,328,288	GOOR, GUSTAAF	2,328,106	HEMME, INA	2,328,107
FLOW INTERNATIONAL CORPORATION	2,328,711	GORDON, JAMES WILLIAM	2,327,669	HEMMES, KLAAS	2,327,941
FOOTE, BRIAN	2,328,625	GOSS, GEOFFREY MARTIN	2,328,306	HEMOSOL INC.	2,326,378
FORSTER, CORNELIA JUTTA	2,328,245	GOTO, TOMOHIKO	2,327,655	HEMOSOL INC.	2,326,720
FORSTER, CORNELIA JUTTA	2,328,250	GOTO, TOMOHIKO	2,328,100	HENKEL KOMMANDITGESELLSCH AFT AUF AKTIEN	2,328,465
FORSTER, THOMAS	2,328,465	GOUDREAU, ANN M.	2,328,084	HENSLEY, BENTLEY P.	2,327,620
FORTIER, RICHARD, C.	2,328,243	GOUSKOV, MIKHAIL IVANOVICH	2,328,143	HESKA CORPORATION	2,328,079
FRANK, JEROME D.	2,327,651	GRAHAM PACKAGING COMPANY, L.P.	2,328,456	HEUFT SYSTEMTECHNIK GMBH	2,328,442
FRANK, JEROME D.	2,327,684	GRAHAM PACKAGING COMPANY, L.P.	2,328,620	HEUFT, BERNHARD	2,328,442
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,328,473	GRANDI, GUIDO	2,326,376	HIGUCHI, KYOKO	2,327,261
FREDRIK, KRONESTEDT	2,328,469	GRAY, PAUL T.	2,328,187	HILL, EDWARD	2,327,820
FREDRIK, OVESJO	2,328,469	GREEN, JERRY M.	2,328,479	HILLMAN, JENNIFER L.	2,327,259
FREGEAU, NANCY LOUISE	2,328,126	GREEN, LARRY ARTHUR	2,327,688	HILLMAN, JENNIFER L.	2,327,263
FREIMER, NELSON B.	2,327,652	GREEN, NICOLE	2,328,620	HILLMAN, JENNIFER L.	2,327,354
FRIEND, RICHARD HENRY	2,328,094	GREY, ROGER A.	2,327,609	HILLMAN, JENNIFER L.	2,327,355
FUCHS, CHRISTOFER	2,328,210	GREY, ROGER, A.	2,327,697	HILLS, BRIAN ANDREW	2,327,693
FUJII, HIROYUKI	2,327,762	GRIFFITH, LINDA G.	2,328,436	HIPPOLD, THEODOR	2,327,615
				HIRABAYASHI, AKIHITO	2,328,348
				HIROHATA, TAKESHI	2,328,622
				HL DISPLAY AB	2,327,278

Index of PCT Applications Entering the National Phase

HO, FREDERICK PAK WAI	2,328,349	INTERNATIONAL TRUCK AND ENGINE CORPORATION	2,328,610	KIM, YOUNG-KY	2,328,441
HO, TEH CHUNG	2,328,088	INTERSTATE HIGHWAY CONSTRUCTION INC.	2,328,487	KIMURA, TOMIO	2,327,290
HOCHMAN, CLAUDIA	2,328,163	INZE, DIRK	2,326,689	KISHIMOTO, TOSHIHIKO	2,321,986
HOCHMAN, MARK	2,328,163	IRVINE, DARRELL J.	2,328,436	KISNER, RONNIE D.	2,327,933
HOCHSTEIN, PETER A.	2,328,439	ISAAC, EMAD S.	2,328,610	KISSEI PHARMACEUTICAL CO., LTD.	2,328,348
HODGINS, LEONARD T.	2,327,659	ISHIKAWA, MINORU	2,327,673	KITCHENS, CAROL	2,328,484
HOECHST MARION ROUSSEL	2,326,956	ISHIKAWA, YASUHIRO	2,327,655	KLING, JOHN E.	2,328,069
HOECHST MARION ROUSSEL	2,326,957	ISOLA AS	2,327,701	KLUTH, E. L. E.	2,326,900
HOERNER, GARY	2,328,170	ITAY, NEHEMYA	2,327,728	KNIGHT, JOHN	2,328,345
HOFF, KJELL ARNE	2,327,650	ITO, KUNIO	2,327,655	KNIGHT, RODNEY PAUL	2,327,346
HOFFMAN, JOSEPH A.	2,327,686	ITT MANUFACTURING ENTERPRISES INC.	2,327,270	KNOPP, MONIKA	2,328,440
HOFFMAN, JOSEPH A.	2,327,699	IWASZKIEWICZ, TITUS J.	2,328,610	KNUTSSON, JENS	2,327,722
HOFFMAN, JOSEPH A.	2,328,444	JACKSON, DERON	2,327,710	KOLICH, CHARLES H.	2,328,178
HOFFMANN, GERT	2,328,246	JACKSON, DERON	2,327,720	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,328,437
HOFFMANN, MATTHIAS	2,328,264	JACKSON, ERIC C.	2,328,466	KOPP, JORG	2,328,246
HOFMANN, GEORGE HENRY	2,328,618	JACOBI, ELI	2,327,731	KOPP, VICTOR IL'ICH	2,327,662
HOFMANN, JORG	2,328,453	JACOBS, KENNETH	2,328,527	KORPI, MARKKU	2,327,731
HOFMANN, MICHAEL A.	2,327,675	JACOBSEN, PER	2,327,347	KOWNACKI, CHARLES D.	2,328,067
HOGT, ANDREAS HERMAN	2,328,195	JAGDISH SINGH, GILL	2,327,732	KOZDON, PETER J.	2,327,731
HOLMAN, MARK	2,328,158	JAGER, HELMUT	2,328,468	KRAM, SHARI L.	2,328,217
HOLO-GONE, LLC	2,328,170	JAKUB, CHERYL A.	2,328,069	KRAUSE, ROBERT G.	2,328,248
HONAN, DAVID	2,328,419	JANSEN, GIJSBERT JOHAN	2,326,691	KRAUSS, KEVIN	2,328,419
HONJO, TASUKU	2,328,527	JAPAN SCIENCE AND TECHNOLOGY CORPORATION	2,327,261	KREITEMIER, RICKIE F.	2,327,934
HOPFENSITZ, RALPH	2,328,611	JEANNIN, FRANCK	2,328,082	KREMEN, GENNADY	2,327,683
HOPKINSON, PHILIP J.	2,328,710	JENKINS, BRUCE G.	2,327,705	KRETZSCHMAR, AXEL	2,327,340
HORNBACKER, CECIL V., III	2,327,667	JENSEN, JORN BOIE	2,327,343	KRISTENSEN, JENS TROELS PLESNER	2,327,347
HORNER, GLENN A.	2,328,069	JEWSON, JENNIFER D.	2,327,697	KROIN, JULIAN STANLEY	2,327,617
HOU, JINZHAO	2,327,352	JIANG, HUA	2,328,089	KRUPP UHDE GMBH	2,328,150
HOVORKA, GEORGE B.	2,327,710	JOHNSEN, FINN	2,327,701	KSCHISCHANG, FRANK ROBERT	2,328,098
HOVORKA, GEORGE B.	2,327,720	JOHNSON, HARDIE	2,328,163	KSCHISCHANG, FRANK ROBERT	2,328,145
HOWARD, ANDREW	2,326,694	JOHNSON, ROBERT E.	2,328,470	KUAH, TAI CHOON	2,327,732
HOWELL, JON L.	2,327,675	JOHNSON, ROBERT E.	2,328,474	KUBOTA, DAI	2,327,673
HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP	2,326,601	JOHNSON, ROBERT E.	2,328,608	KUEFNER-MUEHL, ULRIKE	2,328,264
HU, QILIN	2,328,325	JOHNSON, TERRY D.	2,328,436	KUHNKE, JOACHIM	2,327,714
HUANG, YUNG T.	2,326,724	JONAS, KARLSSON	2,328,469	KURODA, AKIO	2,328,413
HUBER, SIEGFRIED	2,328,246	JONES, ANTHONY B.	2,328,607	KURZE, BERNHARD	2,327,711
HUBNER, ARMIN	2,327,711	JONES, C. ANDREW	2,327,697	KUTLIK, ROY	2,326,900
HUFFMAN, BRIAN D.	2,328,487	JORGE HERRERO, EDUARDO	2,328,148	KYOWA HAKKO KOGYO CO., LTD.	2,327,655
HUMPHRYSON, IAN GEORGE	2,328,241	JOSEFSSON, BORJE	2,327,278	KYOWA HAKKO KOGYO CO., LTD.	2,328,100
HUNSICKER, ROBERT P.	2,328,487	JOWAT LOBERS UND FRANK GMBH & CO. KG	2,327,615	KYPHON INC.	2,327,702
HUNTSMAN POLYMERS CORPORATION	2,328,303	KACHELE, BRUNO	2,328,147	LAL, PREETI	2,327,259
HWANG, DAE IL	2,328,124	KAHN, ANDREW P.	2,327,609	LAL, PREETI	2,327,263
HWANG, JONG-YOON	2,328,307	KAHN, ANDREW P.	2,327,697	LAL, PREETI	2,327,355
IAFRATI, MARK	2,327,268	KAKKIS, EMIL D.	2,328,518	LAMBERT, DIANE	2,327,338
IDEMITSU PETROCHEMICAL CO., LTD.	2,327,487	KAMIYAMA, KEIJI	2,327,689	LAMBERT, DIANE	2,327,680
IGELSHTYN, LEONID	2,327,683	KATANO, KIYOAKI	2,327,673	LAMPSON, PATRICIA LEE	2,328,095
IMMUNOMEDICS, INC.	2,328,528	KATO, IKUNOSHIN	2,326,725	LAMPSON, PATRICIA LEE	2,328,319
IMPERIAL COLLEGE INNOVATIONS LIMITED	2,326,671	KATO, KANEYOSHI	2,327,695	LANG, PHILIP C.	2,327,708
INAMORI, TAKESHI	2,328,085	KAUCZOR, HANS-ULRICH	2,327,733	LANGENFELD, MATHEW F.	2,328,215
INCYTE PHARMACEUTICALS, INC.	2,327,259	KAWAI, SHINJI	2,326,956	LANGRIDGE, WILLIAM H. R.	2,326,373
INCYTE PHARMACEUTICALS, INC.	2,327,263	KAWAMURA, KAZUSHIGE	2,326,957	LANIGAN, JACK JR.	2,327,334
INCYTE PHARMACEUTICALS, INC.	2,327,354	KAYAKIRI, NATSUKO	2,328,413	LAOR, HERZEL	2,328,621
INCYTE PHARMACEUTICALS, INC.	2,327,355	KEMIRA KEMI AB	2,328,239	LAPIDUS, STANLEY N.	2,326,697
INOTECH AG	2,327,716	KENNEY, MADELINE	2,328,104	LAPIDUS, STANLEY N.	2,328,616
INOUE, TAKAYUKI	2,328,413	KHAMAR, BAKULESH MAFATLAL	2,326,690	LARSON, LARRY G.	2,328,248
INOVIUS, ALLAN	2,328,717	KHAMIS, CHAOUKI A.	2,327,665	LAUER, LARS	2,327,733
INOVIUS, CARLO P. A.	2,328,717	KHAN, NISAR AHMED	2,328,529	LAVALLE, EDWARD	2,328,527
INOVIUS, LILI MADELEINE	2,328,717	KHANARIAN, GARO	2,328,470	LAWSON, JIM	2,328,235
INSTITUT PASTEUR	2,326,719	KHANARIAN, GARO	2,328,474	LEARMONTH, TOM	2,327,270
INTERNATIONAL FLAVORS & FRAGRANCES INC.	2,328,186	KHANARIAN, GARO	2,328,484	LECHLEIDER, JOSEPH WILLIAM	2,328,216
		KHANARIAN, GARO	2,328,608	LECHLER, IAN ROBERT	2,326,671
		KIM, KYUNG-IL	2,328,124	LEE, JUNG HWAN	2,328,124

Index des demandes PCT entrant en phase nationale

LEE, RUSSELL G.	2,328,474	MANO, EIICHI	2,327,931	MOLLER, MONA	2,327,523
LEE, WON, JANG	2,328,124	MAPELLI, LUIGI GIOVANNI	2,328,080	MOLLER, THOMAS W.	2,327,330
LEEB, STEVEN B.	2,327,710	MARASH, JOSEPH	2,328,071	MOLLER, THOMAS W.	2,327,331
LEEB, STEVEN B.	2,327,720	MARCHOK, DANIEL	2,327,678	MOMANY, TRACY MARIE	2,328,620
LEECH, DONAL	2,328,125	MARKS, JAMES D.	2,326,377	MONSANTO COMPANY, INC.	2,326,687
LEEKER, KAREN	2,328,319	MARKSTALLER, KLAUS	2,327,733	MOON, HI-CHAN	2,328,307
LEFKOWITZ, ANDREW R.	2,326,874	MARLATT, HENRY LOUIS	2,328,322	MOORE, BRIAN	2,328,232
LEGRAND, JOHAN	2,327,704	MAROTTA, THOMAS R.	2,328,232	MOORE, JEFFREY D.	2,327,348
LEHR, ERICH	2,328,264	MARTINEZ, RONALD G.	2,328,480	MOORE, MARIE SYLVIE	
LEIBY, JEFFREY A.	2,327,345	MASSACHUSETTS INSTITUTE		CELINE	2,326,720
LEIGHTON, LARRY C.	2,327,330	OF TECHNOLOGY	2,328,436	MORECI, STEPHEN F.	2,328,242
LEIGHTON, LARRY C.	2,327,331	MASSENBURG, JOHN C.	2,328,711	MOREL, SANDRA	2,326,675
LEITER, PAULA ANN	2,327,670	MATESEVAC, RONALD A.	2,327,729	MORI, SATOSHI	2,327,261
LEONHARD KURZ GMBH & CO.	2,328,611	MATHIAS, MARK FISCHER	2,327,688	MORIMOTO, HIROYUKI	2,328,100
LETA, DANIEL PAUL	2,328,088	MATHUR, ERIC J.	2,321,930	MORIMOTO, KIYOSHI	2,327,655
LEVIN, MICHAEL	2,328,170	MATTHEWS, RICHARD W.	2,328,325	MORIMOTO, KIYOSHI	2,328,100
LEVY, DOUGLAS R.	2,328,212	MATTISON, JOHN EDWARD	2,328,143	MOSQUERA, MICHAEL	2,328,104
LEXION MEDICAL, LLC	2,327,665	MAYES, ANNE M.	2,328,436	MOTOROLA, INC.	2,328,098
LEZCANO, PEDRO	2,327,684	MCCORMACK, EDWARD A.	2,328,222	MOTOROLA, INC.	2,328,145
LI, HUA	2,327,329	MCCOY, JOHN M.	2,328,527	MOW, BOYLE Y.	2,328,325
LI, JING	2,327,929	MCINTYRE, STEVEN	2,328,345	MUKAI, HIROYUKI	2,326,725
LIEPOLD, HELMUT	2,328,191	MCMAHON, RICHARD		MUKAIYAMA, HARUNOBU	2,328,348
LIFE TECHNOLOGIES, INC.	2,327,301	ANTHONY	2,328,068	MULTIGNER DOMINGUEZ,	
LIFE TECHNOLOGIES, INC.	2,327,327	MCSWIGGEN, JAMES A.	2,326,695	MARTA	2,328,148
LIN, HOMER C.	2,328,178	MEDI-PHYSICS INC.	2,327,733	MUNK, GABRIELE	2,328,465
LINDBERG, STEFAN	2,327,342	MEIJER, JOHN	2,328,195	MURAKAMI, SHOICHI	2,327,673
LINKGUARD LTD.	2,328,082	MEIJI SEIKA KAISHA, LTD.	2,327,673	MURANAKA, HIDEYUKI	2,328,348
LIST, JULIE R.	2,326,374	MEIWES, JOHANNES	2,328,522	NAKAGAWA, MASARU	2,327,487
LIU, KUN	2,328,607	MELMAN, PAUL	2,328,089	NAKAMURA, RYOICHIRO	2,327,938
LIU, MARGARET	2,328,180	MEMBREX, INC.	2,327,659	NAKAMURA, TOMOYUKI	2,328,527
LOAN, JAMES F.	2,328,295	MERBERG, DAVID	2,328,527	NAKANISHI, HIROMI	2,327,261
LOCKWOOD, MICHELLE	2,328,163	MERCK & CO., INC.	2,326,694	NAKASHIMA, HIROKI	2,327,487
LODAYA, JAYANT S.	2,328,123	MERCK & CO., INC.	2,327,926	NAKAYAMA, YUTAKA	2,327,689
LOHBECK, WILHELMUS		MERCK & CO., INC.	2,327,928	NARAIN, SANJAI	2,328,216
CHRISTIANUS MARIA	2,328,420	MERCK & CO., INC.	2,327,929	NARULA, ARADHANA	2,328,098
LOMA LINDA UNIVERSITY	2,326,373	MERCK & CO., INC.	2,327,931	NARULA, ARADHANA	2,328,145
LOMETTI, ALBERTO	2,328,063	MERCK & CO., INC.	2,328,180	NASLI-BAKIR, BENYAHIA	2,327,342
LOPEZ DE CARDENAS, JORGE	2,328,454	MERCK & CO., INC.	2,328,219	NATCHUS, MICHAEL GEORGE	2,328,211
LORENZ, TIMOTHY JUDE	2,328,322	MERCK & CO., INC.	2,328,607	NELSON, GREGORY V.	2,328,474
LOSBICHLER, PAUL	2,328,152	MESSIER-BUGATTI	2,321,517	NEOSURG TECHNOLOGIES	2,328,243
LOWE, JOHN MICHAEL	2,327,574	MIERAU, JOACHIM	2,328,264	NEUROTH, DAVID H.	2,327,671
LU, DAOPEI	2,328,165	MIHALCA, GHEOGHE	2,327,268	NEVILLE, DAVID M.	2,326,692
LU, DYUNG AINA M.	2,327,259	MI-JACK PRODUCTS	2,327,334	NEW ENGLAND MEDICAL	
LU, ZHIJIAN	2,328,527	MIKOS, ANTONIOS G.	2,327,730	CENTER HOSPITALS, INC.	2,327,268
LUBISCH, WILFRIED	2,328,440	MILESTONE SCIENTIFIC, INC.	2,328,163	NEW SENSATIONS, L.L.C.	2,327,934
LUCAS, BRIAN RONALD	2,328,184	MILLENNIUM		NEWBY, JOHN N.	2,328,240
LUCENT TECHNOLOGIES INC.	2,327,338	PHARMACEUTICALS, INC.	2,327,652	NEWELL, TERRY E.	2,327,271
LUCENT TECHNOLOGIES INC.	2,327,680	MINNESOTA MINING AND		NICOLAUS, NATHALIE	2,321,517
LUDWIG INSTITUTE FOR		MANUFACTURING		NIEGLOS, DONALD J.	2,328,069
CANCER RESEARCH	2,326,675	COMPANY	2,327,686	NIESZCZUR, KEITH J.	2,328,240
LUNDBERG, JON	2,328,244	MINNESOTA MINING AND		NISHIJIMA, HIROAKI	2,327,591
LUPTON, ELMER C.	2,327,710	MANUFACTURING		NISHIZAWA, NAOKO	2,327,261
LUPTON, ELMER C.	2,327,720	COMPANY	2,327,699	NIWA, SHIN-ICHIRO	2,321,986
LUTZ, NORBERT	2,328,611	MINNESOTA MINING AND		NOLF, JEAN-MARIE ETIENNE	2,327,704
LYNCH, KEVIN	2,326,694	MANUFACTURING		NORMAN, BRYAN HURST	2,327,617
MACEJAK, DENNIS	2,326,695	COMPANY	2,328,444	NORMAN, BRYAN, H.	2,327,706
MAENG, SEUNG-JOO	2,328,307	MITHEN, RICHARD	2,327,703	NORMAN, LEWIS R.	2,328,235
MAENG, SEUNG-JOO	2,328,441	MITOKOR	2,326,600	NORSK HYDRO ASA	2,327,523
MAG MASCHINEN UND		MITSUBISHI CHEMICAL		NORTEL NETWORKS	
APPARATEBAU		CORPORATION	2,328,085	CORPORATION	2,327,271
AKTIENGESELLSCHAFT	2,328,468	MITSUHASHI, KENICHI	2,327,487	NORTH AMERICAN	
MAHADEVAN, RAMASWAMY	2,327,820	MITTERER, CHRISTIAN	2,328,152	MANUFACTURING	
MAKINEN, SAMI J.	2,328,065	MIYAKE, KAZUE	2,326,725	COMPANY	2,328,240
MALAVENDA, ANTHONY	2,328,103	MIYAMOTO, KOUICHI	2,328,313	NOVEX	2,328,212
MALDANIS, ALBERT J.	2,328,253	MIYAZAKI, SHOUJIRO	2,327,290	NOVO RPS ULC	2,328,232
MALDANIS, ALBERT J.	2,328,254	MIZUTANI, TSUYOSHI	2,328,413	NUTRECO AQUACULTURE	
MALLINCKRODT INC.	2,327,698	MOBIL OIL CORPORATION	2,327,688	RESEARCH CENTRE AS	2,327,650
MANDEVILLE, JOE B.	2,327,705	MOHR, MICHAEL	2,328,445	OBATA, YUTAKA	2,327,487
MANG, MICHAEL N.	2,328,217	MOLEK, EFRAIM	2,327,577	OBEJI, JOHN	2,328,104
MANN, JACK G.	2,327,262	MOLLER, ACHIM	2,328,440	OBRADOVICH, MICHAEL L.	2,322,007

Index of PCT Applications Entering the National Phase

OCHOMOGO, MARIA G.	2,328,247	PUSATERI, DANIEL S.	2,328,077	SALERNO, JACK P.	2,328,295
OHASHI, NORIO	2,326,717	PYE, PHILIP J.	2,328,219	SALLBERG, KRISTER	2,328,127
OHTA, MOTOHIRO	2,328,100	PYKE, STEPHEN	2,328,347	SALSAMAN, ROBERT KEITH	2,327,294
OKU, TERUO (Deceased)	2,328,413	RACIE, LISA	2,328,527	SAMSUNG ELECTRONICS CO., LTD.	2,328,307
OLIVER, JAMES A.	2,328,267	RADELET, CHRISTIAAN	2,327,704	SAMSUNG ELECTRONICS CO., LTD.	2,328,441
OLSON, DANIEL J.	2,327,334	RADKE, DUWAYNE C.	2,327,686	SAMSUNG FINE CHEMICALS CO., LTD.	2,328,124
OLSON, DAVID HAROLD	2,327,688	RADKE, DUWAYNE C.	2,327,699	SANDOR, ROBERT, B.	2,328,474
ON TRACK INNOVATIONS LTD.	2,327,728	RADKE, DUWAYNE C.	2,328,444	SANGER, ALAN R.	2,328,355
OOI, SOON HUAT	2,327,732	RAJORIA, DALBIR S.	2,327,658	SANKYO COMPANY LIMITED	2,327,290
OOMS, ANNIE	2,326,675	RAMACHANDRA, MURALIDHARA	2,328,084	SARA, MAZUR	2,328,469
ORANGIO, SCOTT D.	2,327,620	RAMSBOTHAM, JOHN	2,328,186	SASAKI, KOHSUKE	2,321,986
ORMESHER, ERIC	2,328,187	RANDALL, ROGER D.	2,328,487	SATO, MASAOKI	2,328,348
OSAKA PREFECTURAL GOVERNMENT	2,328,622	RANIERE, JOHN PAUL	2,327,649	SATO, YOSHIMI	2,326,725
OSTERBERG, OLOV	2,327,342	RAPPUOLI, RINO	2,326,376	SAUNDERS, WILLIAM R.	2,328,353
OUVRY, LUDOVIC	2,321,517	RAY, CHARLES DEAN	2,328,229	SAVELKOUL, HUBERTUS FRANCISCUSE JOSEF	2,328,529
PACTIV PROTECTIVE PACKAGING INC.	2,327,933	RAY, EDDIE F., III	2,327,348	SAWADA, KOZO	2,328,413
PAICE, MICHAEL G.	2,328,125	RAZZETTI, LUCA	2,328,063	SAWADA, YUKI	2,328,413
PALIARD, XAVIER	2,326,685	REACTOR COMBUSTION WORLD ORGANISATION S.A.	2,328,717	SCARIA, ABRAHAM	2,328,087
PANESCU, DORIN	2,327,696	RECKITT BENCKISER INC.	2,328,236	SCHAFFER, JAMES KENYON	2,328,487
PAPADOPOULOS, VASSILIOS	2,327,329	RECKITT BENCKISER INC.	2,328,301	SCHAFFNER, CLEMENS	2,328,191
PARMENTIER, PHILIPPE	2,321,517	REDDY, ROOPA	2,327,259	SCHERING AKTIENGESELLSCHAFT	2,327,714
PARUBOCHAYA, TATIYANA VASILIEVNA	2,327,272	REED, JON S.	2,328,178	SCHIMMELE-BRELL, TOBIAS	2,327,270
PATTERSON, CHANDRA	2,327,259	REHKEMPER, JEFFREY G.	2,328,067	SCHLUMBERGER TECHNOLOGY CORPORATION	2,328,454
PATTERSON, CHANDRA	2,327,263	REICHEL, MARTIN	2,328,127	SCHNEIDER, ROBERT E.	2,328,069
PATTERSON, CHANDRA	2,327,354	REIDER, PAUL J.	2,328,219	SCHOFBERGER, GEORG	2,327,679
PATTERSON, CHANDRA	2,327,355	REILEY, MARK A.	2,327,702	SCHOLL, DAVID R.	2,326,724
PAVCO, PAMELA A.	2,326,695	REISHUS, TERRY G.	2,328,215	SCHOLTEN, ARIE	2,327,702
PAVEL, STEPHEN K.	2,327,622	RENAUD, SYLVIE	2,328,125	SCHREIBER, WOLFGANG	2,327,733
PEDERSEN, PHILIP DAVID	2,328,306	RESS, ROBERT A., JR.	2,321,640	SCHREMMER, ANDREAS	2,327,270
PENNINGTON, WILLIAM L.	2,328,083	RIBOZYME PHARMACEUTICALS, INC.	2,326,695	SCHUTTE, RUDIGER	2,328,107
PENZENSTADLER, ERNEST G.	2,327,651	RICHARDS, MARK RYAN	2,328,255	SCHWARTZ, ELLEN MARIE	2,326,374
PEREZ, MARC	2,327,301	RIJSUNIVERSITEIT TE GRONINGEN	2,326,691	SCHWARTZ, WESLEY W.	2,328,710
PERRY, REX	2,328,158	RIKHISA, YASUKO	2,326,717	SCIENTIFIC MANUFACTURING TECHNOLOGIES	2,327,683
PETER, SUSAN J.	2,327,730	RINEHART, KENNETH LLOYD	2,328,126	SCOTT, GARY W.	2,328,623
PETESSE, PIETRO	2,328,351	RITCH, DAVID J.	2,328,409	SCOTT, RUSSELL D.	2,327,666
PFIZER PRODUCTS INC.	2,327,723	RITTER, ALFRED	2,328,160	SCOTT, WAYNE B.	2,328,247
PHARMACIA & UPJOHN COMPANY	2,327,299	RIVERO RODRIGUEZ, GUILLERMO	2,328,148	SDGI HOLDINGS, INC.	2,327,348
PHARMACIA & UPJOHN COMPANY	2,327,345	ROBBINS, MICHAEL H.	2,328,247	SEACHANGE INTERNATIONAL, INC.	2,327,620
PHILIP A. RUBIN AND ASSOCIATES, INC.	2,328,346	ROBERTS LABORATORIES INC.	2,327,708	SEALED AIR CORPORATION	2,328,168
PHILLIPS & TEMRO INDUSTRIES INC.	2,328,619	ROBERTS, ELISABETH	2,326,695	SEAMAN, ANTHONY W.	2,328,220
PIETRAS, BERND-GEORG	2,328,184	ROBERTS, TIMOTHY	2,327,733	SENGAR, AMEET	2,326,601
PIKUL, STANISLAW	2,328,211	ROBERTSON, BRUCE	2,328,158	SENSOR DYNAMICS LIMITED	2,326,900
PINKAS, DENIS	2,328,101	ROBERTSON, THOMAS F.	2,328,240	SEPRACOR INC.	2,328,073
PINKSTON, TIMOTHY W.	2,327,671	ROBINSON, RALPH PELTON	2,327,723	SEPRACOR INC.	2,328,074
PLANT BIOSCIENCE LIMITED	2,327,703	ROCHFORD, DOMINIC	2,328,125	SEPRACOR INC.	2,328,075
PLISCHKE, MANFRED	2,328,210	RODER, ANNETTE	2,328,246	SEXTON, DANIEL W.	2,328,256
PLUSS-WENZINGER, RAPHAEL	2,327,716	RODGERS, KATHLEEN	2,328,871	SEYDEL RESEARCH, INC.	2,327,294
POHL, GERALD	2,328,264	ROH, KYOUNG ROK	2,328,124	SEYMOUR, KEAHINUIMAKAHAHAIK ALANI HOWARD	2,328,228
POJAR, STEPHEN J.	2,328,444	ROLCHIGO, PHILIP M.	2,327,659	SHABRAM, PAUL W.	2,328,084
POROPAT, GEORGE	2,328,227	ROLLMANN, JURGEN	2,328,107	SHANKLIN, JOHN	2,326,687
PORTER, MARSHALL RAY	2,328,626	ROMERO, ARTHUR GLENN	2,327,345	SHEARD, NICOLAS C.	2,328,325
POUL, MARIE ALIX	2,326,377	ROOT, DAVID	2,327,664	SHELL CANADA LIMITED	2,328,420
POUTRE, PETER F.	2,327,341	ROSENBERG, MARTIN	2,328,252	SHEN, SUNNY S.	2,328,484
POWER, DAVID	2,328,235	ROSENTHAL, KENNETH	2,326,378	SHERMAN, MARSHALL L.	2,328,064
POWERBLOC IBC CANADA INC.	2,328,432	ROSSEN, KAI	2,328,219	SHERMAN, MARSHALL L.	2,328,070
PQ HOLDING, INC.	2,328,176	RUBIN, PAUL D.	2,328,073	SHORT, JAY M.	2,321,930
PRECHEL, MARCO	2,327,718	RUBIN, PAUL D.	2,328,074	SHUBER, ANTHONY P.	2,326,697
PRECHEL, OLIVER	2,327,718	RUBIN, PAUL D.	2,328,075	SHUBER, ANTHONY P.	2,328,616
PREVOT, ROGER M.	2,328,620	RUBIN, PAUL D.	2,328,480		
PROGETTO FA.RO S.R.L.	2,328,351	RUBIN, PHILIP A.	2,328,346		
PULP AND PAPER RESEARCH INSTITUTE OF CANADA	2,328,125	RUDOFSKI, KENNETH J.	2,327,678		
		RYOBI NORTH AMERICA, INC.	2,328,225		
		SAEKI, TAKASHI	2,327,487		
		SAFFELL, MARK	2,328,409		

Index des demandes PCT entrant en phase nationale

SIEMENS		STOLTZ, GREGORY E.	2,328,254	TERFLOTH, CHRISTIAN	2,327,615
AKTIENGESELLSCHAFT	2,328,191	STREETER, RICHARD B.	2,328,233	TESSLER, NIR	2,328,094
SIEMENS		STUDIENGESELLSCHAFT		TEXTRON AUTOMOTIVE UK	2,328,343
AKTIENGESELLSCHAFT	2,328,246	KOHLÉ MBH	2,328,160	THE BOARD OF TRUSTEES OF	
SIEMENS INFORMATION AND		STUNTZ, GORDON FREDERICK	2,328,088	THE UNIVERSITY OF	
COMMUNICATION		SUBRAMANIAN, RAMKI	2,328,217	ILLINOIS	2,328,126
NETWORKS, INC.	2,327,731	SUGGS, LAURA J.	2,327,730	THE BRODIA GROUP	2,328,480
SIEMENS WESTINGHOUSE		SUGITA, MASATAKA	2,328,313	THE CLOROX COMPANY	2,328,247
POWER CORPORATION	2,327,939	SUGITA, YASUHISA	2,327,487	THE DOW CHEMICAL	
SIEMENS WESTINGHOUSE		SUGIURA, TAKEYUKI	2,326,956	COMPANY	2,328,217
POWER CORPORATION	2,327,940	SUGIURA, TAKEYUKI	2,326,957	THE GENERAL HOSPITAL	
SIMON, ADAM	2,328,180	SULLIVAN, KATHLEEN	2,326,694	CORPORATION	2,327,705
SIMPSON, JOHN A.	2,328,064	SULLIVAN, MICHAEL J.	2,328,072	THE GENERAL HOSPITAL	
SIRRINGHAUS, HENNING	2,328,094	SULLIVAN, STEVEN GRANT	2,327,649	CORPORATION	2,328,197
SKEIKY, YASIR A.W.	2,326,598	SULZER INNOTECH INC.	2,327,649	THE GOVERNMENT OF THE	
SKOLNIK, EDWARD G.	2,328,083	SUMITOMO ELECTRIC		UNITED STATES OF	
SLAVOV, STEFAN V.	2,328,355	INDUSTRIES, LTD.	2,321,986	AMERICA, REPRESENTED	
SMEEKENS, STEVEN P.	2,327,352	SUN, LIXIN	2,328,303	BY THE SECRE	2,326,692
SMETS, JOHAN	2,326,372	SUNDELIN, MAGNUS	2,327,722	THE OHIO STATE RESEARCH	
SMIALOWICZ, DENNIS		SURKAU, REINHARD	2,327,733	FOUNDATION	2,326,717
THOMAS	2,328,236	SUTTON, RICHARD D.	2,328,240	THE PROCTER & GAMBLE	
SMIALOWICZ, DENNIS		SUZUKI, KAZUYA	2,327,261	COMPANY	2,326,372
THOMAS	2,328,301	SUZUKI, NOBUHIRO	2,327,695	THE PROCTER & GAMBLE	
SMITH, MARVIN LEE	2,328,620	SVALDI, PAUL	2,328,487	COMPANY	2,328,095
SMITH, ROBERT J.	2,328,069	SVENSSON, EINAR	2,327,735	THE PROCTER & GAMBLE	
SMITH, ROY	2,326,694	SWANSON, DAVID K.	2,327,696	COMPANY	2,328,210
SMITHKLINE BEECHAM		SYGUSCH, JURGEN	2,328,482	THE PROCTER & GAMBLE	
BIOLOGICALS S.A.	2,326,375	TAIWO, YETUNDE OLABISI	2,328,211	COMPANY	2,328,211
SMITHKLINE BEECHAM		TAKAHASHI, CHIKAKO	2,328,085	THE PROCTER & GAMBLE	
CORPORATION	2,327,505	TAKAHASHI, YUZURU	2,328,622	COMPANY	2,328,255
SMITHKLINE BEECHAM		TAKARA SHUZO CO., LTD.	2,326,725	THE PROCTER & GAMBLE	
CORPORATION	2,328,245	TAKASAKI, WATARU	2,327,290	COMPANY	2,328,313
SMITHKLINE BEECHAM		TAKEDA CHEMICAL		THE PROCTER & GAMBLE	
CORPORATION	2,328,250	INDUSTRIES, LTD.	2,327,689	COMPANY	2,328,319
SMITHKLINE BEECHAM		TAKEDA CHEMICAL		THE PROCTER & GAMBLE	
CORPORATION	2,328,252	INDUSTRIES, LTD.	2,327,695	COMPANY	2,328,322
SNAP-ON TOOLS COMPANY	2,328,077	TAKEDA, DAI	2,327,591	THE REGENTS OF THE	
SNAP-ON TOOLS COMPANY	2,328,446	TAKEDA, OSAMU	2,326,725	UNIVERSITY OF	
SNYDERS, ROBERT V.	2,327,726	TAKEKAWA, SHIRO	2,327,695	CALIFORNIA	2,326,377
SOE, JORN BORCH	2,328,185	TAKEMOTO, TADASHI	2,327,938	THE REGENTS OF THE	
SOELCH, RICHARD ROBERT	2,327,674	TALKING LIGHTS LLC	2,327,710	UNIVERSITY OF	
SOMERVILLE, CHRIS	2,326,687	TALKING LIGHTS LLC	2,327,720	CALIFORNIA	2,327,652
SONEHARA, NAONORI	2,327,591	TAMAI, TETSURO	2,328,348	THE SALK INSTITUTE FOR	
SONG, ZHIGUO	2,327,926	TAMURA, SADATAKA	2,328,622	BIOLOGICAL STUDIES	2,328,461
SONG, ZHIGUO	2,327,928	TAN, CARINA	2,326,694	THE UAB RESEARCH	
SONG, ZHIGUO	2,327,929	TANAKA, NOBUYUKI	2,328,348	FOUNDATION	2,326,692
SONG, ZHIGUO	2,327,931	TANAMACHI, BECKY	2,328,518	THERMO BLACK CLAWSON	
SORENSEN, JENS JORREN	2,327,694	TANG, Y. TOM	2,327,259	INC.	2,327,613
SOUTHCO, INC.	2,328,222	TANG, Y. TOM	2,327,263	THIMMESCH, JAN P.	2,328,619
SPALDING SPORTS		TANG, Y. TOM	2,327,355	THOMAS JEFFERSON	
WORLDWIDE, INC.	2,328,072	TANZAWA, KAZUHIKO	2,327,290	UNIVERSITY	2,327,339
SPERRY, LAURENCE B.	2,328,168	TASHIRO, KEI	2,328,527	THOMAS, FRANCIS T.	2,326,692
SPIN MASTER TOYS, LTD.	2,328,067	TAYLOR, ALEXANDER H.	2,327,505	THOMAS, GARY J.	2,327,620
SPRAY, CAROLINE	2,328,345	TECHNISCHE UNIVERSITEIT		THOMAS, JUDITH M.	2,326,692
SQUARE D COMPANY	2,328,623	DELFT	2,327,941	THOMPSON, CHRISTOPHER	2,328,347
SQUARE D COMPANY	2,328,710	TEGEMENTA, L.L.C.	2,328,229	THONNARD, JOELLE	2,326,375
STAAB, EUGEN	2,328,106	TELCORDIA TECHNOLOGIES,		THORNBERG, CARL MAGNUS	2,327,722
STAHLEY, WILLIAM	2,328,242	INC.	2,328,216	THORSEN, FRED HIRTH	2,327,650
STALBERG, SVEN-OLOF	2,328,099	TELEFONAKTIEBOLAGET LM		THREE BOND CO., LTD.	2,328,615
STANIC, VESNA	2,328,355	ERICSSON	2,327,647	THYGESEN, HANNE VALSTED	2,328,185
STAVES, SHERRE M.	2,328,220	TELEFONAKTIEBOLAGET LM		TIELKING, RICHARD LEON	2,327,670
STAYTON, PATRICK S.	2,324,205	ERICSSON	2,327,722	TIERNAN COMMUNICATIONS,	
STEELCASE INC.	2,328,409	TELEFONAKTIEBOLAGET LM		INC.	2,328,354
STEPHEN, JOHN BURT	2,328,343	ERICSSON	2,328,078	TILLYER, RICHARD D.	2,327,928
STEWART, ROBERT ANDREW	2,328,620	TELEFONAKTIEBOLAGET LM		TODD, DANIEL	2,327,353
STEWART, ROBERT L.	2,328,409	ERICSSON	2,328,469	TOGARI, OSAMU	2,327,591
STIMLER, JEFFREY J.	2,327,933	TELLABS OPERATIONS, INC.	2,327,678	TORNLUND, JAN	2,327,278
STINSON, JAMES L.	2,328,215	TENDILLO CORTIJO,		TOYAMA, NIKKI A.	2,328,232
STOLTZ, GREGORY E.	2,328,253	FRANCISCO JAVIER	2,328,148	TRAVERSO, GIOVANNI	2,328,063
		TERAUCHI, JUN	2,327,695		

Index of PCT Applications Entering the National Phase

TREACY, MAURICE	2,328,527	WALDMANN-LAUE,		YUZAWA, KAZUKO	2,327,938
TREIBER, HANS-JORG	2,328,440	MARIANNE	2,328,465	ZANI, ROBERT	2,327,271
TRIMBUR, DONALD E.	2,326,722	WALLACE, ALAN K.	2,328,267	ZENNOU, VERONIQUE	2,326,719
TRIONIQ INC.	2,328,231	WALTER, GREGORY	2,327,684	ZEYFANG, JAN	2,327,270
TROKHAN, PAUL DENNIS	2,328,322	WANG, FEILING	2,328,089	ZHANG, BEI	2,328,607
TSAI, GUOCHUAN	2,328,197	WANG, GARY Y.	2,328,089	ZHANG, RUN	2,328,089
TSANG, DEAN	2,328,089	WANG, TIMOTHY SHOUTING	2,327,294	ZHAO, JING	2,328,089
TSCHAEN, DAVID M.	2,327,926	WANG, WEI	2,326,601	ZHAO, MANGZU	2,327,926
TSCHAEN, DAVID M.	2,327,928	WARE, ROBERT ADAMS	2,327,688	ZHAO, MANGZU	2,327,928
TSCHAEN, DAVID M.	2,327,929	WARREN, CRAIG	2,328,186	ZHAO, MANGZU	2,327,929
TSCHAEN, DAVID M.	2,327,931	WARREN, SIMON JOHN	2,327,336	ZHAO, MANGZU	2,327,931
TYCO ELECTRONICS		WARWICK, ROBERT ARTHUR	2,328,126	ZHENG, WENDY J.	2,328,325
RAYCHEM NV	2,327,704	WASSOM, DONALD L.	2,328,079	ZHI, NING	2,326,717
UEDA, KEIJI	2,327,290	WATANABE, YASUSHI	2,328,100	ZIA, MAJID	2,327,665
UEMORI, TAKASHI	2,326,725	WEATHERFORD/LAMB, INC.	2,328,184	ZIETLOW, PHILIP K.	2,328,215
UHP MATERIALS, INC.	2,327,658	WEBER, WILLIAM ALOIS	2,327,688	ZIMMERMAN, THOMAS	2,328,454
UMEHARA, YOICHI	2,327,591	WEIGEL, DETLEF	2,328,461	ZOFCHAK, ALBERT	2,328,104
UNILEVER PLC	2,327,669	WEILER, NORBERT	2,327,733	ZOU, KEVIN	2,328,089
UNILEVER PLC	2,328,186	WEIMER, BART, C.	2,328,249	ZSCHORN, GERD	2,327,711
UNIVERSIDAD COMPLUTENSE		WEINHOLD, HARRI	2,327,711	ZUBIETA, JON	2,328,614
DE MADRID RECTORADO	2,328,148	WEISER, THOMAS	2,328,264		
UNIVERSITE DE MONTREAL	2,328,125	WEITZBERG, EDDIE	2,328,244		
UNIVERSITE DE MONTREAL	2,328,482	WELCH, ROBERT CHARLES			
UNIVERSITY COLLEGE		WILLIAM	2,328,088		
CARDIFF CONSULTANTS		WELLING, GJALT WIETZE	2,326,691		
LIMITED	2,327,336	WESTON, JONATHAN	2,327,353		
UNIVERSITY HOSPITALS OF		WHITCROFT, IAN ANDREW	2,328,068		
CLEVELAND	2,326,724	WHITE, ANDREW D.	2,328,189		
UNIVERSITY OF SOUTHERN		WHITE, JERRY E.	2,328,217		
CALIFORNIA	2,328,871	WHITE, PHILIP E.	2,322,007		
UNIVERSITY OF VIRGINIA		WHITED, GREGORY M.	2,326,722		
PATENT FOUNDATION	2,326,694	WHITTLE, EDWARD J.	2,326,687		
UNIVERSITY OF WASHINGTON	2,324,205	WIDDOWSON, KATHERINE			
URBAN GEAR CORPORATION	2,327,762	LOUISA	2,328,252		
URBAS, MICHAEL E.	2,328,487	WIDMER, FRITZ	2,327,716		
USHIYAMA, SHIGERU	2,327,290	WIENHOLT, WILLFRIED	2,328,191		
UTAH STATE UNIVERSITY	2,328,249	WILDNER, WERNER	2,328,107		
VALE, ALAN M.	2,328,409	WILHELM KACHELE GMBH			
VALTANEN, JARKKO	2,328,090	ELASTOMERTECHNIK	2,328,147		
VAN DE BOVENKAMP-		WILKES, GARY R.	2,327,933		
BOUWMAN, ANNA		WILLIAMS, RICHARD STUART	2,328,093		
GERDINE	2,328,195	WILLIAMSON, JOHN M.	2,327,271		
VAN DEN EYNDE, BENOIT	2,326,675	WILSON, GERALD L.	2,328,215		
VAN DER PLOEG, LEONARDUS	2,326,694	WITTELER, HELMUT B.	2,328,470		
VAN GENDT, JOACHIM		WITTELER, HELMUT B.	2,328,608		
WILLEM JOSEPH	2,328,195	WITTELER, HELMUT, B.	2,328,474		
VAN LENGERICH, BERNHARD	2,328,215	WITTMEIER, DAVID	2,327,704		
VARNHAM, M. P.	2,326,900	WM MARSH RICE UNIVERSITY	2,327,730		
VASSALLO, STEVEN P.	2,328,409	WODZINSKA, JOLANTA MARIA			
VAUDREY, MICHAEL A.	2,328,353		2,326,720		
VELUX INDUSTRI A/S	2,327,347	WOLFF, RONALD KEITH	2,327,670		
VELUX INDUSTRI A/S	2,327,694	WOLLNY, MARTIN	2,328,150		
VERBRUGGEN, NATHALIE	2,326,689	WOLOSZYNSKI, CHARLES			
VERNALIS LIMITED	2,328,345	HOWARD	2,328,216		
VERNAY LABORATORIES, INC.	2,327,657	WOOD, ANTHONY	2,328,347		
VERNAY LABORATORIES, INC.	2,327,682	WOOD, HAROLD B.	2,328,607		
VIGUIE, JEAN-CLAUDE	2,327,301	WOOD, ROBERT L.	2,327,820		
VITO-MANNAN		WOOD, WILLIAM I.	2,321,677		
POLYSACCHARIDE L.L.C.	2,328,092	WOODCOCK, DEREK ALAN	2,327,693		
VITTORI, NATALE	2,328,092	WRIGHT, WILLIAM TRICKETT	2,328,306		
VITZTHUM, FRANK	2,328,473	WU, DAU	2,328,143		
VOGENSEN, BENT KVIST	2,328,185	WUSIRIKA, RAJO R.	2,327,664		
VOLANTE, RALPH P.	2,328,219	YAMAMOTO, MIKIO	2,327,673		
VOLKIN, DAVID	2,328,180	YANG, JIAN	2,328,098		
VOLVO AERO CORPORATION	2,328,099	YANG, JIAN	2,328,145		
VOUTE, NICOLAS	2,327,301	YEOM, JAE-HEUNG	2,328,441		
VOUTE, NICOLAS	2,327,327	YOUSSEF, HARES	2,327,272		
WABASH MAGNETICS, INC.	2,327,666	YUAN, JEAN	2,321,677		
WADSWORTH, SAMUEL C.	2,328,087	YUE, HENRY	2,327,259		
WAGNER, THOMAS E.	2,328,520	YUE, HENRY	2,327,355		

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

PROTEIN DESIGNS LABS, INC.	2,328,851
QUEEN, CARY L.	2,328,851
SELICK, HAROLD E.	2,328,851