

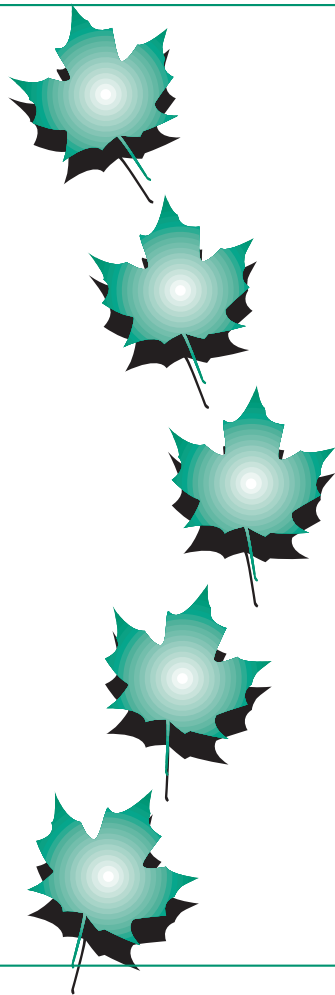


**Canadian
Intellectual Property
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An Agency of
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d'Industrie Canada



**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Vol. 127, N° 39 le 28 septembre 1999

Canada

CIPO  OPIC

THE PATENT OFFICE RECORD



LA GAZETTE DU BUREAU DES BREVETS

P. Trépanier
Commissioner of Patents

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

The Patent Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

P. Trépanier
Commissaire aux brevets

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.

Le Bureau des brevets ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

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

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

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

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

2. Country Code

A complete list of country codes has been published in the issue of April 20, 1999 and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 20 avril 1999 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.

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

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 eight dollars (\$8) 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.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914

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:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

6. Commandes de brevets par classe ou sous-classe

Micromedia Limited exécutera les commandes permanentes pour tous les brevets délivrés dans toute classe ou sous-classe. Les brevets délivrés après la date de la commande seront fournis. Le tarif annuel de ce service est de 150 \$ par classe.

La somme de huit dollars (8 \$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

Les personnes intéressées à prendre avantage de ce service sont invitées à ouvrir un compte de dépôt avec Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Avis

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

Numéro sans frais Amérique du Nord: 1-800-567-1914

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including both patents in force and expired patents, 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 under 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 this week for sale or licensing.

2,060,983
2,139,095
2,141,283
2,166,447

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. 1,132,750 which issued on September 28, 1982 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.

2,060,983
2,139,095
2,141,283
2,166,447

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 28 septembre 1982 sont maintenant expirés, jusque et y compris le no. 1,132,750. 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.

14. 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, Vol. I; No. 93 and 230).

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 \$140.00 US or 200 Swiss Francs and \$15.00 US or 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>.

14. 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, Vol. I, no. 93 et 230).

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 140 \$ EU ou 200 francs suisses et 15 \$ EU ou 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>.

Notices

15. Patent Cooperation Treaty (PCT)

SCHEDULE OF FEES APPLICABLE AS OF JULY 15, 1999

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee: (Rule 15.2(a))	641.00
Amount for each additional sheet over 30	15.00
3. Designation Fee: (Rule 15.2(a))	148.00
The maximum that can be charged for the Designation Fee is \$1,480.00; therefore, if more than 10 countries are designated the fee remains \$1,480.00	

4. **International Search Fee** 1,874.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

Preliminary Examination

6. **Handling Fee:** 289.46 Deutsche Marks
(Rule 57.2(a)) 148.00 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks
(Rule 58) 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

* International fees will be reduced by \$197.00 for all applications filed using PCT-Easy.

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

BARÈME DE TAXES À PARTIR DU 15 JUILLET 1999

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base: (Règle 15.2(a))	641,00
Montant pour chaque feuille au delà de 30	15,00
3. Taxe de désignation (par pays) (Règle 15.2(a))	148,00
Le maximum payable pour la taxe de désignation est de 1 480,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 480,00 \$.	

4. **Taxe de recherche internationale** 1 874,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

Examen préliminaire

6. **Taxe de traitement:** 289,46 marks allemands
(Règle 57.2(a)) 148,00 dollars euro

7. **Taxe d'examen préliminaire:** 2 998,29 marks allemands
(Règle 58) 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Avis

16. 2000 Patent Agent Examination

Under the provisions of subsection 2 of Section 14 of the Patent Rules, notice is hereby given that the 2000 qualifying examination for registration as a Patent Agent will be held on April 11, 12, 13 and 14, 2000. A person who proposes to sit for the 2000 examination must apply to the Commissioner of Patents and pay the prescribed fee (\$200). The deadline to apply is November 30, 1999.

17. Errata

In the French section of the issue of September 21, 1999, the range of laid-open applications was August 15 to August 28, 1999 and not August 14 to August 28, 1999.

18. Errata

The following inventor and applicant names were omitted from the information published in the indices of Canadian Laid-Open Applications Previously Unavailable for Publishing corresponding to their publication chapter.

Were published on April 20 issue instead of on April 27, 1999.

[72] DUCCELLIER, Thomas, CA	2,244,278
[72] GOIX, Michel, FR	2,244,278
[72] HEBERT, Jean-Paul, FR	2,244,278
[71] ALCATEL, FR	2,244,278

Were published on April 27 issue instead of on May 4, 1999

[72] EJZAK, Richard Paul, US	2,245,797
[71] LUCENT TECHNOLOGIES INC., US	2,245,797
[72] ALBRECHT, Janice K., US	2,245,928
[71] SCHERING CORPORATION, US	2,245,928

19. Errata

The following inventor and grantee names were omitted from the information published in the index of Canadian Patents Issued of The Canadian Patent Office Record of June 1st, 1999.

[72] LE DEVEHAT, CHRISTIAN, FR	2,086,292
[73] THE GATES RUBBER COMPANY, US	2,086,292

20. Lay-Open Applications

The Patent Office Record of September 28, 1999 contains laid-open applications from August 29, 1999 - September 11, 1999.

16. Examen d'agents de brevets 2000

Selon les dispositions du paragraphe 2 de l'article 14 des Règles sur les brevets, avis est par la présente donné que l'examen 2000 d'évaluation des compétences à titre d'agent de brevets sera tenu les 11, 12, 13 et 14 avril 2000. Une personne désireuse de subir l'examen 2000 doit en aviser le commissaire aux brevets et payer la taxe prescrite (200 \$). La date limite pour présenter sa demande est le 30 novembre 1999.

17. Errata

Dans la section française de l'édition du 21 septembre 1999, la période des demandes disponibles au public pour consultation était du 15 août au 28 août 1999.

18. Errata

Les noms des inventeurs et demandeurs suivants ont été omis dans les index des Demandes canadiennes mises à la disponibilité du public non disponibles auparavant pour publication correspondants au chapitre de leur publication.

Ont parus dans l'édition du 20 avril au lieu du 27 avril 1999

[72] DUCCELLIER, Thomas, CA	2,244,278
[72] GOIX, Michel, FR	2,244,278
[72] HEBERT, Jean-Paul, FR	2,244,278
[71] ALCATEL, FR	2,244,278

Ont parus dans l'édition du 27 avril au lieu du 4 mai 1999

[72] EJZAK, Richard Paul, US	2,245,797
[71] LUCENT TECHNOLOGIES INC., US	2,245,797
[72] ALBRECHT, Janice K., US	2,245,928
[71] SCHERING CORPORATION, US	2,245,928

19. Errata

Les noms des inventeur et titulaire suivants ont été omis dans l'index des Brevets canadiens délivrés de la Gazette du bureau des brevets du 1er juin 1999.

[72] LE DEVEHAT, CHRISTIAN, FR	2,086,292
[73] THE GATES RUBBER COMPANY, US	2,086,292

20. 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 29 août 1999 - 11 septembre 1999.

Canadian Patents Issued

September 28, 1999

Brevets canadiens délivrés

28 septembre 1999

[11] **1,340,764**
[13] C

[52] 195-1.18 195-1.20
[51] **Int.Cl. 6C12N 15/84 6C12N 15/32**
6C12N 15/29 6C12N 1/21
[25] EN
[54] **OCTOPINE T-DNA PROMOTERS**
[54] **PROMOTEURS DE L'ADN-T DE**
L'OCTOPINE
[72] Barker, Richard F., US
[72] Kemp, John D., US
[73] MYCOGEN PLANT SCIENCE, INC.,
US
[21] **467,993**
[22] 1984-11-16
[30] US (553,786) 1983-11-18

[11] **1,340,765**
[13] C

[52] 195-1.16 195-1.38
[51] **Int.Cl. 6C12N 15/84 6C12N 1/21**
[25] EN
[54] **TRANSCRIPTION IN PLANTS AND**
BACTERIA
[54] **TRANSCRIPTION CHEZ LES**
PLANTES ET LES BACTERIES
[72] Gelvin, Stanton B., US
[73] MYCOGEN PLANT SCIENCE, INC.,
US
[21] **474,970**
[22] 1985-02-22
[30] US (584,244) 1984-02-27

[11] **1,340,766**
[13] C

[52] 195-1.18 195-1.33
[51] **Int.Cl. 6C12N 15/84 6C12N 15/54**
6C12N 15/64 6C12N 15/63 6A01H 4/00
[25] EN
[54] **SELECTABLE MARKER FOR**
DEVELOPMENT OF VECTORS AND
TRANSFORMATION SYSTEMS IN
PLANTS
[54] **MARQUEUR SELECTIONNABLE**
POUR LA CONCEPTION DE
VECTEURS ET DE SYSTEMES DE
TRANSFORMATION CHEZ LES
VEGETAUX
[72] Waldron, Clive, US
[73] ELI LILLY AND COMPANY, US
[21] **497,740**
[22] 1985-12-16
[30] US (685,824) 1984-12-24

[11] **1,340,767**
[13] C

[52] 167-21.4
[51] **Int.Cl. 6A01N 37/18**
[25] EN
[54] **PERFUMES CONTAINING N-**
LOWER ALKYL NEOALKANAMIDE(S)
[54] **PARFUMS RENFERMANT UN OU**
DES NEOALCANAMIDES AVEC UN
ALKYLE INFERIEUR EN N
[72] Steltenkamp, Robert John, US
[72] Eaton, Craig Field, US
[73] COLGATE-PALMOLIVE COMPANY,
US
[21] **543,957**
[22] 1987-08-07
[30] US (894,983) 1986-08-08
[30] US (894,985) 1986-08-08
[30] US (071,305) 1987-07-16

[11] **1,340,768**
[13] C

[52] 252-30
[51] **Int.Cl. 6B01T 20/22 6B01D 53/62**
[25] EN
[54] **TERTIARY ALKANOLAMINE**
ABSORBENT CONTAINING AN
ETHYLENEAMINE PROMOTER AND
ITS METHOD OF USE
[54] **ABSORBANT A BASE**
D'ALCANOLAMINE TERTIAIRE,
CONTENANT UNE ETHYLENEAMINE
COMME PROMOTEUR; METHODE
POUR L'UTILISER
[72] Kubek, Daniel John, US
[72] Kovach, Debra Singer, US
[73] UNION CARBIDE CORPORATION,
US
[21] **560,222**
[22] 1988-03-01

[11] **1,340,769**
[13] C

[52] 195-1.20
[51] **Int.Cl. 6C12N 15/83**
[25] EN
[54] **INDUCIBLE VIRUS RESISTANCE**
IN PLANTS
[54] **RESISTANCE AUX VIRUS**
INDUCTIBLE CHEZ LES VEGETAUX
[72] Hohn, Thomas, CH
[72] Bonneville, Jean-Marc, CH
[72] Futterer, Johannes, CH
[72] Gordon, Karl, DE
[72] Sanfacon, Helene, CH
[73] NOVARTIS AG, CH
[21] **571,496**
[22] 1988-07-08
[30] CH (2645/87-0) 1987-07-10

Canadian Patents Issued
September 28, 1999

[11] **1,340,770**
[13] C

[52] 23-194 167-318
[51] **Int.Cl. 6C01B 33/193 6C01B 33/12 6A61K 7/16**
[25] FR
[54] **SILICE POUR COMPOSITIONS DENTIFRICES COMPATIBLE NOTAMMENT AVEC LA CHLORHEXIDINE**
[54] **SILICA FOR TOOTHPASTE COMPOSITIONS COMPATIBLE PARTICULARLY WITH CHLOROHEXIDINE**
[72] Persello, Jacques, FR
[73] RHONE-POULENC CHIMIE, FR
[21] **582,108**
[22] 1988-11-03
[30] FR (87 15 275) 1987-11-04

[11] **1,340,771**
[13] C

[52] 195-101 167-185 260-233
[51] **Int.Cl. 6C07H 19/01 6A61K 31/70 6A01N 43/90**
[25] EN
[54] **ETHYLATED AVERMECTINS**
[54] **AVERMECTINES ETHYLEES**
[72] Hawrylik, Steven Joseph, US
[72] Lee, Shih-Jen Edward, US
[73] Pfizer, Inc., US
[21] **582,434**
[22] 1988-11-07
[30] US (118,684) 1987-11-09

[11] **1,340,772**
[13] C

[52] 195-1.235 195-1.37
[51] **Int.Cl. 6C12N 1/19 6C12N 15/81 6C12P 21/00**
[25] EN
[54] **EXPRESSION AND SECRETION OF HETEROLOGOUS PROTEINS IN YEAST EMPLOYING TRUNCATED ALPHA-FACTOR LEADER SEQUENCES**
[54] **EXPRESSION ET SECRETION DE PROTEINES HETEROLOGUES DANS UNE LEVURE AU MOYEN DE SEQUENCES LEADER TRONQUEES DU FACTEUR ALPHA**
[72] Tekamp-Olson, Patricia, US
[73] CHIRON CORPORATION, US
[21] **586,916**
[22] 1988-12-22
[30] US (139,682) 1987-12-30

[11] **1,340,773**
[13] C

[52] 260-251 167-7.1 167-23 167-218 167-279 260-607.2 270-599.1
[51] **Int.Cl. 6C07C 211/14 6C07D 401/06 6A01N 43/54 6A01N 33/04 6A61K 31/505 6A61K 31/13**
[25] EN
[54] **ANTI-NEOPLASTIC, ANTI-VIRAL OR ANTI-RETROVIRAL SPERMINE DERIVATIVE**
[54] **DERIVES DE LA SPERMINE ANTINEOPLASIQUES, ANTIVIRAUX ET ANTIRETROVIRAUX**
[72] Bergeron, Raymond J., US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, US
[21] **603,449**
[22] 1989-06-21
[30] US (210,520) 1988-06-23

[11] **1,340,774**
[13] C

[52] 23-265 23-277
[51] **Int.Cl. 6C01F 11/02 6C01G 15/00 6C01G 21/02 6C01G 3/02 6C01G 1/02 6H01B 12/00**
[25] EN
[54] **SUPERCONDUCTING METAL OXIDE COMPOSITIONS AND PROCESSES FOR MANUFACTURE AND USE**
[54] **COMPOSITIONS SUPRACONDUCTRICES A BASE D'OXYDE DE METAL; METHODES DE PRODUCTION ET UTILISATION**
[72] Subramanian, Munirpallam Appadorai, US
[73] E.I. du Pont de Nemours and Company, US
[21] **609,082**
[22] 1989-08-23
[30] US (236,088) 1988-08-24

[11] **1,340,775**
[13] C

[52] 150-8.5
[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **METHOD FOR DETECTION OF SPECIFIC NUCLEIC ACID SEQUENCES**
[54] **METHODE POUR LA DETECTION DE SEQUENCES SPECIFIQUES D'ACIDES NUCLEIQUES**
[72] Ullman, Edwin F., US
[72] Goodman, Thomas C., US
[72] Stull, Paul D., US
[73] BEHRINGWERKE AKTIENGESELLSCHAFT, DE
[21] **609,373**
[22] 1989-08-24
[30] US (236,967) 1988-08-25

[11] **2,000,162**
[13] C

[51] **Int.Cl. 6B29C 45/74 6B29C 45/56**
[25] EN
[54] **METHOD FOR INJECTION MOULDING BLANKS AND GATE SYSTEM**
[54] **METHODE DE MOULAGE D'EBAUCHES PAR INJECTION ET SYSTEME D'OBTURATEUR**
[72] Hofstetter, Otto, DE
[72] Fernandez, Luis, DE
[73] Otto Hofstetter AG, DE
[22] 1989-10-04
[30] DE (P 38 33 868.8) 1988-10-05

[11] **2,000,170**
[13] C

[51] **Int.Cl. 6C22C 45/08 6C22C 45/10**
[25] EN
[54] **AMORPHOUS ALUMINUM ALLOYS**
[54] **ALLIAGES D'ALUMINIUM AMORPHES**
[72] Yoshioka, Hideaki, JP
[72] Kawashima, Asahi, JP
[72] Asami, Katsuhiko, JP
[72] Hashimoto, Koji, JP
[73] Hashimoto, Koji, JP
[73] YKK CORPORATION, JP
[22] 1989-10-05
[30] JP (63-260 020) 1988-10-15

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,001,411**
[13] C

[51] **Int.Cl. 6C08F 4/642 6C08F 10/00**
[25] EN
[54] **ALKENE POLYMERIZATION
PROCESS AND CATALYST
COMPOSITIONS THEREFOR**
[54] **PROCEDE DE POLYMERISATION
D'ALCENES ET COMPOSITIONS
CATALYSANTES**
[72] Carson, Ian Guillard, NL
[72] Bentvelsen, Petrus Arnoldus, NL
[73] Montell Technology Company, B.V., NL
[22] 1989-10-25
[30] GB (8825056) 1988-10-26

[11] **2,002,056**
[13] C

[51] **Int.Cl. 6B62D 25/08**
[25] EN
[54] **AIR INLET DEFLECTOR
ASSEMBLY FOR AN AIR CLEANER**
[54] **DEFLECTEUR DE PRISE D'AIR
POUR PURIFICATEUR D'AIR**
[72] Glover, Glen A., Jr., US
[72] Guhl, Richard E., US
[72] Harrison, Walter A., Jr., US
[72] White, Danny L., US
[73] Caterpillar Inc., US
[22] 1989-11-02
[30] US (286,416) 1988-12-19

[11] **2,002,739**
[13] C

[51] **Int.Cl. 6G01N 21/89 6G01N 21/55**
[25] EN
[54] **LIGHT REFLECTING DEFECT
DETECTION APPARATUS AND
METHOD USING PULSED LIGHT-
EMITTING SEMICONDUCTOR
DEVICES OF DIFFERENT
WAVELENGTHS**
[54] **APPAREIL ET METHODE
DETECTION DE DEFAUTS PAR
REFLEXION DE LA LUMIERE AU
MOYEN DE DISPOSITIFS A
SEMICONDUCTEUR LUMINESCENTS
PULSES A DES LONGUEUR D'ONDE
DIFFERENTES**
[72] Nylund, Steven L., US
[73] LAMB-WESTON, INC., US
[22] 1989-11-10
[30] US (07/291,237) 1988-12-28

[11] **2,003,079**
[13] C

[51] **Int.Cl. 6D21C 5/02**
[25] EN
[54] **DEINKING AGENT**
[54] **COMPOSE DE DESENCRAGE**
[72] Miyauchi, Yoshitaka, JP
[72] Hamaguchi, Koji, JP
[72] Urushibata, Hideaki, JP
[72] Hiramatsu, Hiroyoshi, JP
[73] Kao Corporation, JP
[22] 1989-11-16
[30] JP (291 952 / 88) 1988-11-18

[11] **2,003,587**
[13] C

[51] **Int.Cl. 6D21C 9/10**
[25] FR
[54] **PROCEDE DE BLANCHIMENT DE
PATES DESENCREES**
[54] **DEINKED PULP BLEACHING
PROCESS**
[72] Bourson, Lucien, FR
[72] Devic, Michel, FR
[73] ATOCHEM, FR
[22] 1989-11-22
[30] FR (88 15 637) 1988-11-24

[11] **2,003,712**
[13] C

[51] **Int.Cl. 6A21D 13/08 6A23L 1/164
6A23L 1/217**
[25] EN
[54] **PROCESS FOR PRODUCING
RIPPLED SNACK CHIPS**
[54] **PROCEDE DE FABRICATION DE
CROUSTILLES ONDULEES**
[72] Dayley, Kyle E., US
[72] Willard, Miles J., US
[72] Hunt, Dewey R., US
[72] Brister, Donald W., US
[73] Willard, Miles J., US
[73] Brister, Donald W., US
[22] 1989-11-23
[30] US (07/325,158) 1989-03-17

[11] **2,004,043**
[13] C

[51] **Int.Cl. 6C12N 5/08 6A61K 35/14**
[25] EN
[54] **STABILIZATION OF
LEUKOCYTES**
[54] **STABILISATION DES
LEUCOCYTES**
[72] Babor, Bernard M., US
[73] Scripps Clinic and Research Foundation,
US
[22] 1989-11-28
[30] US (07/277,256) 1988-11-29

[11] **2,004,951**
[13] C

[51] **Int.Cl. 6C08L 77/10 6C08J 3/05
6C08G 69/46 6D01F 6/60**
[25] EN
[54] **STABLE SOLUTIONS OF POLY
(PARAPHENYLENE
TEREPHTHALAMIDE) ACID CRUMB**
[54] **SOLUTIONS STABLES DE
MORCEAUX ACIDES DE
POLY(PARAPHENYLENE
TEREPHTHALAMIDE)**
[72] Van Trump, James Edmond, US
[73] DU PONT (E. I.) DE NEMOURS AND
COMPANY, US
[22] 1989-12-08
[30] US (284,423) 1988-12-14

[11] **2,004,962**
[13] C

[51] **Int.Cl. 6C07C 253/30 6C07C 255/19**
[25] EN
[54] **MANUFACTURE OF 5-
CYANOVALERIC ACID AND ITS
ESTERS USING CYCLIC COSOLVENTS**
[54] **PREPARATION D'ACIDE 5-
CYANOVALERIQUE ET DE SES
ESTERS GRACE A DES COSOLVANTS
CYCLIQUES**
[72] Burke, Patrick Michael, US
[72] Sieja, James Bernard, US
[73] DU PONT (E. I.) DE NEMOURS AND
COMPANY, US
[22] 1989-12-08
[30] US (283,159) 1988-12-12
[30] US (434,866) 1989-11-08

Canadian Patents Issued
September 28, 1999

[11] 2,005,414
[13] C

[51] Int.Cl. 6C09D 5/16
[25] EN
[54] COPPER MARINE CLADDING
COMPOSITION
[54] COMPOSITION A BASE DE
CUIVRE POUR PLACAGES DE
MARINE
[72] Wentzell, Joseph M., US
[73] Wentzell Research, Inc., US
[22] 1989-12-13
[30] US (286,259) 1988-12-19

[11] 2,008,133
[13] C

[51] Int.Cl. 6C07F 5/06
[25] EN
[54] NICKEL CATALYZED
DISPLACEMENT REACTION
[54] REACTION DE DEPLACEMENT
CATALYSEE PAR LE NICKEL
[72] Robinson, Gene C., US
[72] Diefenbach, Steven P., US
[73] ALBEMARLE CORPORATION, US
[22] 1990-01-19
[30] US (306,512) 1989-02-06

[11] 2,012,539
[13] C

[51] Int.Cl. 6C07D 401/12 6C07D 401/14
6C07D 413/14
[25] EN
[54] PROCESS FOR THE
PREPARATION OF O-
CARBOXYPYRIDYL-AND O-
CARBOXYQUINOLYLIMIDAZOLINES
[54] PROCEDE DE PREPARATION DE
O-CARBOXYPYRIDYL- ET DE O-
CARBOXYQUINOLYLIMIDAZOLINES
[72] Doehner, Robert F. Jr., US
[73] AMERICAN CYANAMID
COMPANY, US
[22] 1990-03-19
[30] US (07/326,846) 1989-03-21

[11] 2,006,083
[13] C

[51] Int.Cl. 6C08F 2/34 6C08F 2/40
[25] EN
[54] PROCESS FOR ALPHA-OLEFIN
GAS-PHASE POLYMERIZATION
CONTROLLED BY THE
SIMULTANEOUS ADDITION OF AN
ACTIVATOR AND AN ACTIVITY
RETARDER TO THE
POLYMERIZATION MEDIUM
[54] PROCEDE DE POLYMERISATION
D'ALPHA-OLEFINE EN PHASE
GAZEUSE, AVEC ADDITION
SIMULTANEE D'UN ACTIVATEUR ET
D'UN AGENT RETARDANT
L'ACTIVITE AU MILIEU DE
POLYMERISATION

[72] Bernard, Jean-Claude, FR
[72] Berruyer, Claudine, FR
[72] Havas, Laszlo, FR
[73] BP Chemicals Limited, GB
[22] 1989-12-20
[30] FR (8817551) 1988-12-22

[11] 2,009,053
[13] C

[51] Int.Cl. 6C08L 51/08 6C08L 21/00
6C08L 25/04
[25] EN
[54] IMPACT-RESISTANT RESIN
[54] RESINE RESISTANT AUX CHOCS
[72] Sasaki, Isao, JP
[72] Yamamoto, Naoki, JP
[72] Yanagase, Akira, JP
[72] Ito, Masakazu, JP
[73] Mitsubishi Rayon Company Ltd., JP
[22] 1990-01-31
[30] JP (1-23957) 1989-02-03
[30] JP (1-25864) 1989-02-06

[11] 2,013,645
[13] C

[51] Int.Cl. 6F16H 9/10
[25] EN
[54] VARIABLE SPEED
TRANSMISSION
[54] TRANSMISSION A VITESSE
VARIABLE
[72] Robert, Jean, CA
[73] POWERBLOC IBC CANADA INC.,
CA
[22] 1990-04-02

[11] 2,007,936
[13] C

[51] Int.Cl. 6F22G 7/00
[25] FR
[54] FAISCEAU DE SURCHAUFFE
POUR SEPARATEUR-SURCHAUFFEUR
DE VAPEUR A TUBES HORIZONTALS
[54] FAISCEAU DE SURCHAUFFE
POUR SEPARATEUR-SURCHAUFFEUR
DE VAPEUR A TUBES HORIZONTALS
[72] Marjollet, Jacques, FR
[72] Marsault, Jean-Jacques, FR
[73] Stein Industrie, FR
[22] 1990-01-17
[30] FR (89 00595) 1989-01-19

[11] 2,011,248
[13] C

[51] Int.Cl. 6G02B 1/02 6C01G 57/00
[25] EN
[54] LIGHT TRANSMITTING YTTRIA
SINTERED BODY AND ITS
PREPARATION
[54] CORPS D'OXYDE D'YTTRIUM
FRITTE, TRANSLUCIDE, ET MODE DE
PREPARATION CONNEXE
[72] Shibata, Kenichiro, JP
[72] Fujii, Akihito, JP
[73] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[22] 1990-03-01
[30] JP (51486/1989) 1989-03-03

[11] 2,014,305
[13] C

[51] Int.Cl. 6G06M 1/00
[25] EN
[54] SYSTEM FOR THE
REGISTRATION OF AND/OR
COMBATING PESTS, SUCH AS MICE
AND RATS
[54] SYSTEME DE DETECTION ET
(OU) DE LUTTE CONTRE DES
RAVAGEURS, COMME LES SOURIS ET
LES RATS
[72] Van Dijnsen, Gerardus Johannes
Anthonius Maria, NL
[72] Zandbergen, Mathijs Adriaan, NL
[73] Ecotronics B.V., NL
[22] 1990-04-10
[30] NL (8901035) 1989-04-25

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,014,457**
[13] C

[51] **Int.Cl. 6C07D 239/48 6C07D 401/04
6C07D 403/04 6C07D 413/04 6C07D 405/
10 6A61K 31/505 6C07D 239/70**
[25] EN
[54] **PYRIMIDINE DERIVATIVES
DERIVES DE PYRIMIDINE**
[72] Hargreaves, Rodney Brian, GB
[72] McLoughlin, Bernard Joseph, GB
[72] Mills, Stuart Dennett, GB
[72] Marshall, Paul William, GB
[73] ZENECA LIMITED, GB
[22] 1990-04-12
[30] GB (8909054.2) 1989-04-21
[30] GB (8910548.0) 1989-05-08

[11] **2,017,131**
[13] C

[51] **Int.Cl. 6G06F 19/00**
[25] FR
[54] **SYSTEME DE DISPOSITIF
INDIVIDUEL DE PARTICIPATION A
UN PROGRAMME TELEDIFFUSE**
[54] **INDIVIDUAL DEVICE SYSTEM
FOR PARTICIPATING TO A
TELECAST PROGRAM**
[72] Audebert, Yves, FR
[72] Delahaye, Achille, FR
[73] ACTIVCARD, FR
[22] 1990-05-18
[30] FR (89 06 848) 1989-05-25
[30] FR (90 01 512) 1990-02-09

[11] **2,019,116**
[13] C

[51] **Int.Cl. 6A61B 17/32 6A61B 17/00**
[25] EN
[54] **SURGICAL NEEDLE
CONFIGURATION WITH SPATULA
GEOMETRY**
[54] **CONFIGURATION D'AIGUILLE
CHIRURGICALE A GEOMETRIE EN
SPATULE**
[72] McGregor, Walter, US
[72] Maurer, Thomas, US
[73] ETHICON, INC., US
[22] 1990-06-15
[30] US (368,004) 1989-06-19

[11] **2,016,372**
[13] C

[51] **Int.Cl. 6B41F 9/02 6B41F 11/02**
[25] EN
[54] **INTAGLIO PRINTING MACHINE
FOR THE PRINTING OF CURRENCY
PAPERS**
[54] **IMPRIMANTE A GRAVURE EN
CREUX POUR L'IMPRESSION DE
BILLETS DE BANQUE**
[72] Giori, Gualtiero, CH
[73] DE LA RUE GIORI S.A., CH
[22] 1990-05-09
[30] CH (2 422/89-5) 1989-06-29

[11] **2,017,747**
[13] C

[51] **Int.Cl. 6C13K 1/00 6A23L 1/09
6B01D 1/16**
[25] EN
[54] **PRODUCTION OF HIGHER
QUALITY MAPLE SYRUP**
[54] **PRODUCTION DE SIROP
D'ERABLE DE QUALITE SUPERIEURE**
[72] Paquette, Yvon A., CA
[73] Paquette, Yvon A., CA
[22] 1990-05-29
[30] US (07/527,889) 1990-05-24

[11] **2,019,256**
[13] C

[51] **Int.Cl. 6C08F 210/02 6C08F 212/04
6C08F 4/609**
[25] EN
[54] **ETHYLENE-AROMATIC VINYL
COMPOUND ALTERNATING
COPOLYMER AND PROCESS FOR THE
PRODUCTION THEREOF**
[54] **COPOLYMERE ALTERNANT DES
GROUPE ETHYLENE ET
VINYLQUES AROMATIQUES, ET
PROCEDE POUR SA PRODUCTION**
[72] Miyatake, Tatsuya, JP
[72] Kakugo, Masahiro, JP
[72] Yagi, Yoshio, JP
[72] Mizunuma, Koozi, JP
[73] Sumitomo Chemical Company, Limited,
JP
[22] 1990-06-19
[30] JP (01-162932) 1989-06-26
[30] JP (02-023426) 1990-01-31

[11] **2,017,029**
[13] C

[51] **Int.Cl. 6A61K 9/12 6A61K 45/08
6A61K 31/19 6A61K 31/405 6A61K 31/57
6A61K 31/60**
[25] EN
[54] **COMPOSITION**
[54] **COMPOSE**
[72] Brobyn, Susan Elizabeth, GB
[72] Mackie, Robert Duncan, GB
[73] BEECHAM GROUP P.L.C., GB
[22] 1990-05-17
[30] GB (8911529.9) 1989-05-19
[30] GB (8925605.1) 1989-11-13

[11] **2,018,668**
[13] C

[51] **Int.Cl. 6C09D 133/06 6C09K 3/12**
[25] EN
[54] **PERMANENT FOGGING SYSTEM
FOR GAS MAINS**
[54] **SYSTEME DE PRODUCTION DE
BROUILLARD PERMANENT POUR
CONDUITES A GAZ**
[72] Baldwin, Terrence R., GB
[72] Price, Andrew, GB
[73] ABLESTIK LABORATORIES, US
[22] 1990-06-11
[30] US (370,976) 1989-06-26

[11] **2,020,177**
[13] C

[51] **Int.Cl. 6A47B 96/18**
[25] EN
[54] **LOW STRESS CONCENTRATION
CUTOUT COUNTERTOP**
[54] **COMPTOIR A DECOUPE A
FAIBLE CONCENTRATION DE
CONTRAINTE**
[72] Livnah, Aron, US
[73] E.I. du Pont de Nemours and Company,
US
[22] 1990-06-29
[30] US (389,480) 1989-08-04

Canadian Patents Issued
September 28, 1999

[11] 2,020,853
[13] C

[51] Int.Cl. 6C07C 17/08 6C07C 19/08
[25] EN
[54] PROCESS FOR PREPARING 1,1,1,2-TETRAFLUOROETHANE
[54] METHODE DE PREPARATION DE 1,1,1,2-TETRAFLUOROETHANE
[72] Cuzzato, Paolo, IT
[72] Masiero, Antonio, IT
[73] AUSIMONT S.R.L., IT
[22] 1990-07-10
[30] IT (21159 A/89) 1989-07-12

[11] 2,026,964
[13] C

[51] Int.Cl. 6B41F 17/00 6G07B 17/00 6B41F 11/00
[25] EN
[54] MONEY ORDER IMPRINTER
[54] DISPOSITIF D'IMPRESSION DE MANDATS BANCAIRES OU POSTAUX
[72] Koper, Robert P., US
[72] Konieczka, Howard R., US
[73] PAYMASTER TECHNOLOGIES, INC., US
[22] 1990-10-04
[30] US (07/418,670) 1989-10-10

[11] 2,031,021
[13] C

[51] Int.Cl. 6F16H 59/00
[25] EN
[54] SHUTTLE SHIFT TRANSMISSIONS
[54] TRANSMISSIONS A INVERSEUR DE MARCHE
[72] Bulgrien, Garth H., US
[73] NEW HOLLAND NORTH AMERICA, INC., US
[22] 1990-11-28
[30] US (444,312) 1989-12-01

[11] 2,031,774
[13] C

[51] Int.Cl. 6A61L 17/00
[25] EN
[54] SURGICAL FILAMENT
[54] FILAMENT POUR CHIRURGIE
[72] Shinoda, Hosei, JP
[72] Ohtaguro, Masami, JP
[72] Iimuro, Shigeru, JP
[73] MITSUI CHEMICALS, INC., JP
[22] 1990-12-07
[30] JP (1-318822) 1989-12-11

[11] 2,033,053
[13] C

[51] Int.Cl. 6C08L 23/14 6B32B 27/08 6C08L 23/08 6C08L 23/18 6B32B 27/32
[25] EN
[54] STRIPPABLE PROTECTIVE FILM AND COMPOSITION THEREFOR
[54] PELLICULE PROTECTRICE PELABLE ET COMPOSITION CONNEXE
[72] Sugi, Masahiro, JP
[72] Tanaka, Mutsuhiro, JP
[73] MITSUI CHEMICALS, INC., JP
[85] 1991-01-16
[86] 1990-08-07 (PCT/JP90/01008)
[87] (WO91/02028)
[30] JP (204215/1989) 1989-08-07

[11] 2,033,544
[13] C

[51] Int.Cl. 6D05B 35/00
[25] EN
[54] FABRIC HOLDING FRAME FOR A SEWING MACHINE
[54] SUPPORT DE TISSU, POUR MACHINE A COUDRE
[72] Sakakibara, Hisato, JP
[73] Kabushikikaisha Barudan, JP
[22] 1991-01-03
[30] JP (2-296786) 1990-11-01

[11] 2,033,594
[13] C

[51] Int.Cl. 6D01G 21/00
[25] EN
[54] APPARATUS FOR PRODUCING TEXTURED NONWOVEN FABRIC AND RELATED METHOD OF MANUFACTURE
[54] APPAREIL POUR LA FABRICATION DE NON-TISSES TEXTURES, ET METHODE CONNEXE
[72] Greenway, John Michael, US
[72] Hughes, Russell H., US
[73] BBA NONWOVENS SIMPSONVILLE, INC., US
[22] 1991-01-03
[30] US (07/494,705) 1990-03-16

[11] 2,035,449
[13] C

[51] Int.Cl. 6G01M 3/18 6G01R 31/02
[25] FR
[54] DISPOSITIF POUR LE CONTROLE D'ETANCHEITE DES RESEAUX DE CABLES A GAINE METALLIQUE
[54] SEALING DEVICE FOR NETWORKS OF METALLIC JACKETED CABLES
[72] Jacquelin, Yvon, FR
[72] Bussinger, Jean, FR
[73] Société Socrat, FR
[85] 1991-02-27
[86] 1990-07-11 (PCT/FR90/00522)
[87] (WO91/00990)
[30] FR (89/09565) 1989-07-11
[30] FR (89/16160) 1989-12-04

[11] 2,039,699
[13] C

[51] Int.Cl. 6H04J 3/06 6H04B 7/212 6H04Q 7/22
[25] EN
[54] SYNCHRONIZING METHOD IN A MOBILE RADIO SYSTEM
[54] METHODE DE SYNCHRONISATION POUR SYSTEME RADIO MOBILE
[72] Dahlin, Jan Erik Ake Steinar, SE
[72] Ghisler, Walter, SE
[72] Persson, Bengt Yngve, SE
[73] Telefonaktiebolaget LM Ericsson, SE
[85] 1991-04-26
[86] 1990-07-19 (PCT/SE90/00497)
[87] (WO91/04620)
[30] SE (8902994-6) 1989-09-12

[11] 2,039,863
[13] C

[51] Int.Cl. 6C10L 3/10 6C12S 5/00 6C10L 3/06
[25] EN
[54] BIOLOGICAL PROCESS FOR CONVERSION OF HYDROGEN SULPHIDE
[54] PROCEDE BIOLOGIQUE DE CONVERSION DU SULFURE D'HYDROGENE
[72] Lizama, Hector M., CA
[72] Sankey, Bruce M., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 1991-04-05

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,041,388**
[13] C

[51] **Int.Cl. 6D21C 9/16**
[25] FR
[54] **PROCEDE DE BLANCHIMENT AU PEROXYDE D'HYDROGENE DE PATES A PAPIER A HAUT RENDEMENT**
[54] **HIGH PERFORMANCE PAPER PULP BLEACHING PROCESS USING HYDROGEN PEROXIDE**
[72] Lachenal, Dominique, FR
[73] ATOCHEM, FR
[22] 1991-04-29
[30] FR (90 05 748) 1990-04-30

[11] **2,042,447**
[13] C

[51] **Int.Cl. 6C12N 15/82 6A01H 1/02**
[25] EN
[54] **CONTROL OF MICROSPOROGENESIS BY EXTERNALLY INDUCIBLE PROMOTER SEQUENCES**
[54] **CONTROLE DE LA MICROSPOROGENESE PAR SEQUENCES PROMOTRICES INDUCTIBLES DE L'EXTERIEUR**
[72] Huffman, Gary A., US
[72] Howard, John, US
[72] Albertsen, Marc C., US
[72] Beach, Larry R., US
[73] Pioneer Hi-Bred International, Inc., US
[22] 1991-05-13
[30] US (07/537,183) 1990-06-12

[11] **2,043,078**
[13] C

[51] **Int.Cl. 6G01B 21/26 6G01B 11/275**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING CROSS-TOE**
[54] **PROCEDE ET DISPOSITIF DE MESURE DE LA DIVERGENCE/ CONVERGENCE DES ROUES D'UN VEHICULE AUTOMOBILE**
[72] Hechel, Dennis Lawrence, US
[72] Puetz, Peter Anthony, US
[72] Kercheck, Gary Robert, US
[73] SPX Corporation, US
[22] 1991-05-23
[30] US (532,908) 1990-06-04

[11] **2,045,723**
[13] C

[51] **Int.Cl. 6C08L 23/16 6B60R 19/03 6C08L 23/06 6C08L 23/12**
[25] EN
[54] **INJECTION-MOLDED ARTICLE**
[54] **ARTICLE MOULE PAR INJECTION**
[72] Terada, Masahiro, JP
[72] Sugimoto, Nobuji, JP
[72] Watanabe, Toshiro, JP
[72] Sugimoto, Takashi, JP
[73] Nissan Motor Co., Ltd., JP
[73] Mitsubishi Chemical Corporation, JP
[22] 1991-06-26
[30] JP (P2-166870) 1990-06-27

[11] **2,047,664**
[13] C

[51] **Int.Cl. 6G11B 20/18 6G11B 25/04**
[25] EN
[54] **DATA RECORDING METHOD AND DATA REPRODUCING APPARATUS**
[54] **METHODE D'ENREGISTREMENT DE DONNEES ET APPAREIL DE LECTURE DE DONNEES**
[72] Sako, Yoichiro, JP
[73] Sony Corporation, JP
[85] 1991-08-26
[86] 1991-01-18 (PCT/JP91/00055)
[87] (WO91/11003)
[30] JP (P2-008511) 1990-01-19
[30] JP (P2-103048) 1990-04-20

[11] **2,048,264**
[13] C

[51] **Int.Cl. 6B61L 1/02 6B61L 23/00**
[25] EN
[54] **VEHICLE CONTROL SYSTEM FOR MULTI-BRANCHING TRACK**
[54] **SYSTEME DE COMMANDE DE VEHICULE POUR VOIE A EMBRANCHEMENTS MULTIPLES**
[72] Tanizawa, Hideichi, JP
[72] Watanabe, Yoshitaka, JP
[73] Daifuku, Co., Ltd., JP
[22] 1991-08-01
[30] JP (2-223546) 1990-08-23
[30] JP (2-234966) 1990-09-04
[30] JP (2-245163) 1990-09-13
[30] JP (2-296221) 1990-11-01

[11] **2,050,429**
[13] C

[51] **Int.Cl. 6A23C 13/14 6A23L 1/307**
[25] EN
[54] **PROCESS FOR PRODUCING LOW OR NON FAT ICE CREAM**
[54] **PROCEDE DE PRODUCTION DE CREME GLACEE SANS GRAS OU A FAIBLE TENEUR EN MATIERES GRASSES**
[72] Asher, Yashavantkumar Jayasinh, CA
[72] Mollard, Martha Ann, CA
[72] Jordan, Suzette, CA
[72] Maurice, Terry J., CA
[72] Caldwell, Karen B., CA
[73] PARMALAT FOOD INC./LES ALIMENTS PARMALAT INC., CA
[22] 1991-08-30
[30] US (700,856) 1991-05-16
[30] US (739,215) 1991-08-01

[11] **2,053,228**
[13] C

[51] **Int.Cl. 6B05B 1/18 6B05B 15/02**
[25] EN
[54] **SPRINKLER HEAD**
[54] **TETE D'EXTINCTEUR**
[72] Grassberger, Roland, BE
[73] Masco G.m.b.H., DE
[85] 1991-10-16
[86] 1991-02-20 (PCT/DE91/00137)
[87] (WO91/12894)
[30] DE (P 40 05 569.8) 1990-02-22

[11] **2,053,495**
[13] C

[51] **Int.Cl. 6B65H 19/29**
[25] EN
[54] **APPARATUS FOR GLUEING THE TAIL OF A WEB TO A LOG FORMED OF THE WEB MATERIAL**
[54] **APPAREIL POUR COLLER L'EXTREMITE D'UNE BANDE A UN BLOC FORME AU MOYEN DU MATERIAU DE LA BANDE**
[72] Biagiotti, Guglielmo, IT
[73] FABIO PERINI S.P.A., IT
[22] 1991-10-15
[30] IT (9504 A/90) 1990-10-17

Canadian Patents Issued
September 28, 1999

[11] 2,054,586
[13] C

[51] Int.Cl. 6A47L 9/04
[25] EN
[54] FLOOR NOZZLE FOR VACUUM CLEANER
[54] SUCEUR A PLANCHER POUR ASPIRATEUR
[72] Mitani, Tomomi, JP
[72] Nishimura, Hiroshi, JP
[72] Hayakawa, Hiroshi, JP
[72] Mori, Hiroshi, JP
[72] Katoh, Tomonori, JP
[72] Okubo, Hideo, JP
[72] Kitamura, Hidenori, JP
[72] Miyake, Haruhisa, JP
[72] Uno, Kiyokazu, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1991-10-31
[30] JP (2-305144) 1990-11-09
[30] JP (2-305145) 1990-11-09
[30] JP (2-305146) 1990-11-09

[11] 2,058,047
[13] C

[51] Int.Cl. 6B65D 53/00 6B65D 1/02 6B29C 49/04
[25] EN
[54] PLASTIC BOTTLE HAVING A LINERLESS CLOSURE WITH COLLAPSIBLE FLANGE AND METHOD
[54] BOUTEILLE DE PLASTIQUE A CAPSULE SANS JOINT AVEC REBORD REPLIABLE ET METHODE CONNEXE
[72] Cargile, David W., US
[73] Graham Packaging Corporation, US
[22] 1991-12-18
[30] US (757,711) 1991-09-11

[11] 2,058,501
[13] C

[51] Int.Cl. 6C08J 9/12 6B29C 47/00 6C08L 25/04 6C08K 5/01
[25] EN
[54] PROCESS FOR PRODUCING POLYSTYRENE RESIN FOAM
[54] PROCEDE DE FABRICATION DE MOUSSE DE RESINE DE POLYSTYRENE
[72] Ishikawa, Mikio, JP
[72] Kobayashi, Toshiro, JP
[73] Sekisui Kaseihin Kogyo Kabushiki Kaisha, JP
[22] 1991-12-27
[30] JP (2-408426) 1990-12-27

[11] 2,059,761
[13] C

[51] Int.Cl. 6A43B 13/00
[25] EN
[54] SHOE WITH INSOLE AS PART SOLE FILLER AND METHOD OF MAKING SAME
[54] CHAUSSURE AVEC SEMELLE MOULEE ET METHODES DE FABRICATION
[72] Oberg, Sven E., US
[72] Mitchell, David P., US
[73] Ro-Search, Inc., US
[73] Georgia Boot, Inc., US
[22] 1992-01-21
[30] US (650,783) 1991-02-05

[11] * 2,060,983
[13] C

[51] Int.Cl. 5G06F 9/44 5G06F 15/00
[25] EN
[54] HYPERTEXT MARKER AND METHOD FOR DYNAMICALLY DISPLAYING HELP INFORMATION IN AN INTERACTIVE DATA PROCESSING SYSTEM
[54] MARQUEUR D'HYPERTEXTE ET METHODE D'AFFICHAGE DYNAMIQUE D'INFORMATIONS D'ASSISTANCE DANS UN SYSTEME DE TRAITEMENT DE DONNEES INTERACTIF
[72] Fishel, Edward Alan, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1992-02-11
[30] US (687,261) 1991-04-18

[11] 2,061,625
[13] C

[51] Int.Cl. 6D21H 17/36 6D21H 21/16 6D21H 17/53
[25] EN
[54] SIZING AGENT AND PAPER SIZED THEREWITH
[54] PATE D'ENCOLLAGE ET PAPIER COLLE AVEC CELLE-CI
[72] Nosaka, Yoshihumi, JP
[72] Ishiguro, Osamu, JP
[73] Denki Kagaku Kogyo Kabushiki Kaisha, JP
[22] 1992-02-21
[30] JP (48702/1991) 1991-02-22

[11] 2,061,867
[13] C

[51] Int.Cl. 6C09J 133/06 6A61F 13/02 6C09J 7/02 6A61L 15/22 6A61L 15/58
[25] EN
[54] WATER VAPOR PERMEABLE, PRESSURE SENSITIVE ADHESIVE
[54] ADHESIF SENSIBLE A LA PRESSION, ET PERMEABLE A LA VAPEUR D'EAU
[72] Brunsveld, Gerrit H., NL
[72] Minnigh, Johannes T., NL
[73] ABLESTIK LABORATORIES, US
[22] 1992-02-26
[30] US (662,099) 1991-02-28

[11] 2,062,417
[13] C

[51] Int.Cl. 6A21B 3/00
[25] EN
[54] GASKETS FOR SEALING A SPACE BETWEEN SURFACES AND CLIPS FOR MOUNTING GASKETS TO SURFACES
[54] JOINT D'ETANCHEITE ET CLIPS DE FIXATION CORRESPONDANTS
[72] Moyer, James D., US
[73] BENTLEY-HARRIS INC., US
[22] 1992-03-05
[30] US (07/665,289) 1991-03-06

[11] 2,064,557
[13] C

[51] Int.Cl. 6F16B 13/04 6B29D 31/00
[25] EN
[54] HOLLOW WALL ANCHOR WITH ENHANCED HOLDING STRENGTH
[54] ANCRAGE POUR MUR CREUX A RESISTANCE ACCRUE
[72] McSherry, Thomas W., US
[73] Mechanical Plastics Corp, US
[85] 1991-12-31
[86] 1991-01-28 (PCT/US91/00525)
[87] (WO91/11627)
[30] US (471,864) 1990-01-29

[11] 2,066,316
[13] C

[51] Int.Cl. 6D21C 1/06 6D21C 1/08
[25] FR
[54] PROCEDE DE PREPARATION DE PATE A PAPIER A HAUT RENDEMENT ET BLANCHIE
[54] PROCESS FOR MAKING BLEACHED HIGH YIELD PAPER PULP
[72] Devic, Michel, FR
[73] ELF ATOCHEM S.A., FR
[22] 1992-04-16
[30] FR (91 04 737) 1991-04-17

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,069,780**
[13] C

[51] **Int.Cl. 6H04M 3/42 6H04M 3/48**
[25] EN
[54] **AUTOMATED ATTENDANT
PREPOSE AUTOMATIQUE**
[72] Callele, David, CA
[73] Callele, David, CA
[22] 1992-05-28
[30] US (07/708,722) 1991-05-31

[11] **2,070,234**
[13] C

[51] **Int.Cl. 5H04Q 3/70 5H04Q 3/545**
[25] EN
[54] **METHOD OF DETERMINING A
TEMPORARY SUBSCRIBER NUMBER
(TMSI) IN A SUBSCRIBER DATA BASE**
[54] **METHODE POUR DETERMINER
UN NUMERO D'ABONNE
TEMPORAIRE DANS UNE BASE DE
DONNEES D'ABONNES**
[72] Pfundstein, Matthias, DE
[73] Alcatel SEL Aktiengesellschaft, DE
[22] 1992-06-03
[30] DE (P 41 19 573.6) 1991-06-14

[11] **2,070,379**
[13] C

[51] **Int.Cl. 6A61M 5/178 6A61M 5/24
6A61M 5/31 6A61M 5/315**
[25] EN
[54] **INJECTOR SUPPLIED WITH
MEDICINE**
[54] **DISPOSITIF D'INJECTION
POURVU D'UN MEDICAMENT**
[72] Kaneko, Kazunobu, JP
[73] SEIKAGAKU KOGYO KABUSHIKI
KAISHA (SEIKAGAKU CORPORATION),
JP
[85] 1992-06-03
[86] 1991-10-09 (PCT/JP91/01382)
[87] (WO92/06722)
[30] JP (2-275704) 1990-10-15

[11] **2,071,155**
[13] C

[51] **Int.Cl. 6H01H 33/34**
[25] EN
[54] **ELECTRIC SWITCHING DEVICE**
[54] **COMMUTATEUR ELECTRIQUE**
[72] Engdahl, Göran, SE
[72] Molund, Gunnar, SE
[72] Niemi, Ingvar, SE
[73] ASEA BROWN BOVERI AB, SE
[22] 1992-06-12
[30] SE (9101831.7) 1991-06-14

[11] **2,071,976**
[13] C

[51] **Int.Cl. 6H02P 5/17**
[25] EN
[54] **DIRECT CURRENT POWER
CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE
D'ALIMENTATION EN COURANT
CONTINU**
[72] Nelson, James C., III, US
[73] DAX INDUSTRIES, INC., US
[85] 1992-06-19
[86] 1990-12-14 (PCT/US90/07511)
[87] (WO91/09461)
[30] US (453,671) 1989-12-20

[11] **2,072,095**
[13] C

[51] **Int.Cl. 6C07K 14/285 6C07K 19/00
6A61K 39/102 6A61K 39/385**
[25] EN
[54] **OUTER MEMBRANE PROTEIN P1
AND PEPTIDES OF HAEMOPHILUS
INFLUENZAE TYPE B**
[54] **PROTEINE DE MEMBRANE
EXTERNE P1 ET PEPTIDES
D'HAEMOPHILUS INFLUENZAE TYPE
B**
[72] Munson, Robert S., Jr., US
[72] Grass, Susan, US
[72] Chong, Pele, CA
[72] Yang, Yan-Ping, CA
[72] Fahim, Raafat, CA
[72] Sia, Charles D. Y., CA
[72] McVerry, Patrick, US
[72] Klein, Michel, CA
[73] Connaught Laboratories Limited, CA
[73] Washington University, St. Louis, US
[85] 1992-04-28
[86] 1990-10-31 (PCT/CA90/00374)
[87] (WO91/06652)
[30] GB (8924473.5) 1989-10-31

[11] **2,072,121**
[13] C

[51] **Int.Cl. 6G01S 13/91 6G08G 5/02
6G01S 13/74 6G01S 13/94**
[25] EN
[54] **PRECISION LANDING SYSTEM
UTILIZING GROUND-BASED
CENTRAL PROCESSING SYSTEM TO
CALCULATE AIRCRAFT POSITION BY
ELEMENATING TRANSPONDER
DELAY TIME FROM ELAPSED TIME
MEASUREMENTS**
[54] **SYSTEME D'ATTERISSAGE DE
PRECISION UTILISANT UN
DISPOSITIF DE TRAITEMENT
CENTRAL TERRESTRE POUR
CALCULER LA POSITION D'UN
AERONEF EN ELIMINANT LE
RETARD DU AU TRANSPONDEUR
DANS LES MESURES DE TEMPS
ECOULE**
[72] Clawson, Carl William, US
[72] Stoltz, John Ryan, US
[73] Stoltz, John Ryan, US
[85] 1992-05-01
[86] 1991-01-25 (PCT/US91/00556)
[87] (WO91/11730)
[30] US (07/470,643) 1990-01-25

[11] **2,073,142**
[13] C

[51] **Int.Cl. 6C09D 5/26 6A45D 31/00
6B05D 5/06 6B44F 1/10 6A63H 33/22**
[25] EN
[54] **THERMOCHROMIC LAMINATE
MEMBER, AND COMPOSITION AND
SHEET FOR PRODUCING THE SAME**
[54] **ARTICLE STRATIFIE
THERMOCHROMIQUE,
COMPOSITION ET FEUILLE POUR
PRODUIRE CELUI-CI**
[72] Shibahashi, Yutaka, JP
[72] Yasuda, Michiyuki, JP
[73] THE PILOT INK CO., LTD., JP
[22] 1992-07-03
[30] JP (3-190988) 1991-07-04
[30] JP (3-104113) 1991-11-22
[30] JP (3-104114) 1991-11-22
[30] JP (3-333974) 1991-11-22

Canadian Patents Issued
September 28, 1999

[11] 2,073,332
[13] C

[51] Int.Cl. 6E21B 17/10 6E21B 23/00
[25] EN
[54] CENTRALIZERS FOR OIL WELL CASINGS
[54] CENTREURS POUR CUVELAGE DE PUITTS DE PETROLE
[72] Gullet, Paul Douglas Maxfield, GB
[72] Jansch, Manfred, DE
[73] Weatherford/Lamb Inc. (Delaware), US
[85] 1992-07-07
[86] 1991-01-17 (PCT/GB91/00065)
[87] (WO91/10806)
[30] GB (9001007.5) 1990-01-17
[30] DE (P 40 24 000.2) 1990-07-28

[11] 2,073,364
[13] C

[51] Int.Cl. 6B23C 5/14
[25] EN
[54] INDEXABLE SPHERICAL SEAT CUTTER
[54] OUTIL DE COUPE INDEXABLE POUR COUSSINS SPHERIQUES
[72] Peuterbaugh, Bruce G., US
[73] Joint Production Technology, Inc., US
[22] 1992-07-08
[30] US (07/733,299) 1991-07-22

[11] 2,074,873
[13] C

[51] Int.Cl. 6B01J 13/00
[25] EN
[54] SEAMLESS CAPSULE AND PROCESS FOR PRODUCING THE SAME
[54] CAPSULE SANS JOINT ET PROCEDE DE FABRICATION CORRESPONDANT
[72] Kikuchi, Yukio, JP
[72] Kamaguchi, Ryousei, JP
[73] MORISHITA JINTAN CO., LTD., JP
[22] 1992-07-29
[30] JP (191784/1991) 1991-07-31

[11] 2,075,307
[13] C

[51] Int.Cl. 6C07K 5/075 6C07K 1/14 6C07C 229/24 6C07C 229/36 6C07C 227/42
[25] EN
[54] METHOD FOR RECOVERY OF α -L-ASPARTYL-L-PHENYLALANINE METHYL ESTER, L-PHENYLALANINE AND L-ASPARTIC ACID
[54] METHODE POUR LA RECUPERATION DE L' α -ASPARTYL-L-PHENYLALANINEMETHYLESTER, DE LA L-PHENYLALANINE ET DE L'ACIDE L-ASPARTIQUE
[72] Abe, Sou, JP
[72] Kishimoto, Shinichi, JP
[72] Kumon, Satoshi, JP
[72] Kato, Toshihisa, JP
[72] Takemoto, Tadashi, JP
[73] Ajinomoto Co., Inc., JP
[22] 1992-08-05
[30] JP (195404/1991) 1991-08-05

[11] 2,076,368
[13] C

[51] Int.Cl. 6H05B 6/64
[25] EN
[54] PACKAGE ASSEMBLY AND METHOD FOR MICROWAVE HEATING OF LOW MOISTURE FOOD PRODUCTS
[54] PRODUIT EMBALLE ET METHODE DE RECHAUFFAGE AUX MICRO-ONDES DE PRODUITS ALIMENTAIRES A FAIBLE TENEUR EN EAU
[72] Kanafani, Hanny, US
[72] Longan, Bobby J., US
[72] Schmidt, Paul R., US
[72] Wisdom, Lawrence W., US
[73] RECOT, INC., US
[85] 1992-08-19
[86] 1991-02-07 (PCT/US91/00796)
[87] (WO91/13528)
[30] US (483,494) 1990-02-20

[11] 2,076,678
[13] C

[51] Int.Cl. 6C12N 15/62 6C07K 19/00 6C12N 9/10 6C12N 15/18 6C12N 15/26 6C12N 15/31 6C07K 14/34 6A61K 47/48 6C12N 15/54 6C07K 14/55
[25] EN
[54] IMPROVED CHIMERIC TOXINS
[54] TOXINES CHIMERES AMELIOREES
[72] Williams, Diane, US
[72] Murphy, John R., US
[73] University Hospital (The), US
[73] University Hospital (The), US
[73] Murphy, John R.,
[85] 1992-08-28
[86] 1991-02-28 (PCT/US91/01282)
[87] (WO91/13090)
[30] US (488,608) 1990-03-02
[30] US (537,430) 1990-06-13

[11] 2,077,176
[13] C

[51] Int.Cl. 6B01D 53/12
[25] EN
[54] GAS SEPARATION PROCESS AND UNIT THEREFOR
[54] PROCEDE DE SEPARATION DU GAZ ET APPAREIL DESTINE A CET USAGE
[72] Takatsuka, Toru, JP
[72] Kajiyama, Ryuichiro, JP
[72] Okada, Yoshimi, JP
[72] Hirohama, Seiya, JP
[72] Shibagaki, Tetsuo, JP
[72] Kushida, Toshio, JP
[73] Chiyoda Corporation, JP
[22] 1992-08-28
[30] JP (3-220371) 1991-08-30

[11] 2,077,669
[13] C

[51] Int.Cl. 6H05B 6/22
[25] EN
[54] HIGH TEMPERATURE FURNACE
[54] FOUR HAUTE TEMPERATURE
[72] Conochie, David Stewart, AU
[72] Neecowen, Shane Maxwell, AU
[72] Poulter, Rory Alan Darey, AU
[72] McLeod, Gregory, AU
[73] COMALCO ALUMINIUM LIMITED, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 1992-09-04
[86] 1991-03-05 (PCT/AU91/00074)
[87] (WO91/14353)
[30] AU (PJ8931) 1990-03-05

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,080,990**
[13] C

[51] **Int.Cl. 6C08F 36/04 6C08L 9/00
6C08L 21/00 6C08F 297/04 6C08F 8/30
6C08F 8/42**
[25] EN
[54] **DIENE POLYMERS HAVING
REDUCED HYSTERESIS AND
IMPROVED RAW VISCOSITY
INCORPORATING PRIMARY
PARTIAL COUPLING AND
TERMINALS FORMED FROM VINYL
COMPOUNDS CONTAINING
HETEROCYCLIC NITROGEN GROUPS**
[54] **POLYMERES DIENIQUES A
HYSTERESIS REDUITE ET VISCOSITE
BRUTE AMELIOREE, COMPRENANT
DES COUPLAGES PARTIELS
PRIMAIRES ET DES GROUPEMENTS
TERMINAUX FORMES A PARTIR DE
COMPOSES VINyliQUES
CONTENANT DES GROUPEMENTS
AZOTES HETEROCYCLIQUES**
[72] Lawson, David F., US
[72] Stayer, Mark L., Jr., US
[72] Antkowiak, Thomas A., US
[73] BRIDGESTONE CORPORATION, JP
[22] 1992-10-20
[30] US (779,775) 1991-10-21

[11] **2,084,711**
[13] C

[51] **Int.Cl. 6B05D 7/24 6B05D 1/36**
[25] EN
[54] **COATING METHOD FOR ONE-
COMPONENT BLOCKED
ISOCYANATE-CROSSLINKED
CLEARCOAT**
[54] **METHODE D'APPLICATION D'UN
REVETEMENT LIMPIDE A UN
COMPOSANT RETICULE PAR UN
ISOCYANATE BLOQUE**
[72] Briggs, Rodney L., US
[72] Knight, Michael, US
[73] BASF CORPORATION, US
[22] 1992-12-07
[30] US (7/810,991) 1991-12-20

[11] **2,085,211**
[13] C

[51] **Int.Cl. 6B01J 19/26 6B01D 19/00**
[25] EN
[54] **STRIPPING SYSTEM
SYSTEME DE DECAPAGE**
[72] Cheng, Alan T.-Y., US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 1992-12-11
[30] US (813,022) 1991-12-24

[11] **2,085,430**
[13] C

[51] **Int.Cl. 6C25D 9/04 6C25D 5/18**
[25] EN
[54] **METHOD OF ADHERING
COLORED ELECTROPLATING LAYER
ON A ZINC-ELECTROPLATED STEEL
ARTICLE**
[54] **METHODE UTILISEE POUR
FAIRE ADHERER UN REVETEMENT
GALVANIQUE COLORE A UN
ARTICLE EN ACIER METALLISE AU
ZINC**
[72] Wu, Mann Y., TW
[72] Shih, Han C., TW
[72] Cheng, Jiin R., TW
[73] Taiwan Galvanizing Co. Ltd., TW
[22] 1992-12-15

[11] **2,085,807**
[13] C

[51] **Int.Cl. 5C23C 16/26**
[25] EN
[54] **SYNTHETIC DIAMOND WEAR
COMPONENT AND METHOD**
[54] **COUCHE D'USURE EN DIAMANT
SYNTHETIQUE ET PROCEDE POUR SA
REALISATION**
[72] Simpson, Matthew, US
[73] Norton Company, US
[22] 1992-12-18

[11] **2,085,855**
[13] C

[51] **Int.Cl. 6C08F 36/02 6C08F 297/04
6C08L 9/06 6C08F 212/08 6C08L 25/10**
[25] EN
[54] **DIENE POLYMERS AND
COPOLYMERS TERMINATED BY
REACTION WITH FUSED-RING
POLYNUCLEAR AROMATIC
COMPOUNDS**
[54] **POLYMERES DIENIQUES ET
COPOLYMERES BLOQUES EN BOUT
DE CHAINE PAR UNE REACTION
AVEC DES COMPOSES
AROMATIQUES POLYNUCLEAIRES A
ANNEAUX CONDENSES**
[72] Lawson, David F., US
[72] Stayer, Mark L., Jr., US
[72] Antkowiak, Thomas A., US
[73] Bridgestone/Firestone, Inc., US
[22] 1992-12-18
[30] US (812,258) 1991-12-20

[11] **2,087,257**
[13] C

[51] **Int.Cl. 6C08L 33/02 6C08L 63/00
6C08L 23/04 6C08L 23/10 6C08L 23/16**
[25] EN
[54] **THERMOPLASTIC
COMPOSITIONS AND ARTICLES
MADE THEREFROM**
[54] **COMPOSITIONS
THERMOPLASTIQUES ET ARTICLES
FABRIQUES AVEC CELLES-CI**
[72] Bourbonnais, Edward, US
[72] Yu, Davei, US
[72] Nangrani, Khemchand, US
[73] D&S Plastics International, US
[85] 1993-01-13
[86] 1991-07-18 (PCT/US91/05076)
[87] (WO92/01747)
[30] US (555,551) 1990-07-19

[11] **2,087,336**
[13] C

[51] **Int.Cl. 6A61B 10/00**
[25] EN
[54] **DIAGNOSTIC TESTING DEVICE
FOR THE SKIN**
[54] **DISPOSITIF DE TEST
DIAGNOSTIQUE CUTANE**
[72] Gerber, Jan, NL
[73] Gerber, Jan, NL
[85] 1993-01-14
[86] 1991-07-18 (PCT/NL91/00129)
[87] (WO92/01421)
[30] NL (9001667) 1990-07-20

[11] **2,087,802**
[13] C

[51] **Int.Cl. 6H04N 7/12 6H04N 5/14
6G06T 7/20 6H04N 7/30**
[25] EN
[54] **ARRANGEMENT OF ENCODING
MOTION IMAGE SIGNALS USING
MOTION COMPENSATION AND
ORTHOGONAL TRANSFORMATION**
[54] **DISPOSITIF DE CODAGE DE
SIGNAUX D'IMAGES ANIMEES A
CORRECTION DES EFFETS DUS AUX
MOUVEMENTS ET A
TRANSFORMATION ORTHOGONALE**
[72] Yokoyama, Yutaka, JP
[73] NEC CORPORATION, JP
[22] 1993-01-21
[30] JP (4-8008) 1992-01-21

Canadian Patents Issued
September 28, 1999

[11] **2,088,070**
[13] C
[51] **Int.Cl. 6A61F 13/36**
[25] EN
[54] **MULTIFUNCTIONAL DEVICES FOR ENDOSCOPIC SURGICAL PROCEDURES**
[54] **DISPOSITIFS MULTIFONCTIONNELS POUR ENDOSCOPIE**
[72] Yoon, InBae, US
[73] Yoon, InBae, US
[85] 1993-01-25
[86] 1991-07-24 (PCT/US91/05271)
[87] (WO92/01433)
[30] US (556,081) 1990-07-24
[30] US (600,775) 1990-10-23

[11] **2,088,354**
[13] C
[51] **Int.Cl. 6C12N 5/18 6C07K 16/40 6G01N 33/573 6G01N 33/577**
[25] EN
[54] **PANCREAS-ELASTASIS-1-SPECIFIC ANTIBODY, A PROCESS FOR OBTAINING IT AND A TEST KIT CONTAINING SUCH ANTIBODIES**
[54] **ANTICORPS SPECIFIQUE DE L'ELASTASE PANCREATIQUE 1; METHODE D'OBTENTION ET TROUSSE D'ESSAI RENFERMANT DES ANTICORPS DE CE TYPE**
[72] Scheefers, Hans, DE
[72] Scheefers-Borchel, Ursula, DE
[72] Sziegoleit, Andreas, DE
[73] SCHEBO-TECH GMBH, DE
[85] 1993-01-28
[86] 1991-07-28 (PCT/DE91/00606)
[87] (WO92/02630)
[30] DE (P 40 23 972.1) 1990-07-28
[30] DE (P 41 07 765.2) 1991-03-11

[11] **2,089,638**
[13] C
[51] **Int.Cl. 6E21B 19/16**
[25] EN
[54] **ROTARY FOR USE IN A POWER TONG**
[54] **MOLETTE DE CLE DE VISSAGE A COMMANDE PNEUMATIQUE**
[72] Pietras, Bernd-Georg, DE
[73] WEATHERFORD/LAMB, INC. (DELAWARE), US
[85] 1993-02-16
[86] 1992-03-23 (PCT/EP92/00648)
[87] (WO92/18744)
[30] GB (9107826.1) 1991-04-12

[11] **2,090,138**
[13] C
[51] **Int.Cl. 6A01N 63/00 6D21H 21/04**
[25] FR
[54] **PROCEDE DE TRAITEMENT DE LA FLORE CONTAMINANT LES CIRCUITS PAPETIERS METTANT EN OEUVRE DES BACTERIES**
[54] **PROCESS FOR TREATING PLANT LIFE BLOCKING WATER CIRCUITS FOR PAPER-MAKING SYSTEMS AND THAT ARE BACTERIA-BASED**
[72] Guerineau, Pierre, FR
[72] Rosli, Peter, CH
[73] TEXEL, FR
[22] 1993-02-23
[30] FR (92 02 080) 1992-02-24

[11] **2,090,753**
[13] C
[51] **Int.Cl. 6H04N 1/387 6G06T 7/00 6G03G 15/01 6G06K 9/62**
[25] EN
[54] **IMAGE PROCESSING WITH ANTI-FORGERY PROVISION**
[54] **SYSTEME DE TRAITEMENT D'IMAGES ANTI-CONTREFACON**
[72] Nishikawa, Eiichi, JP
[73] Canon Kabushiki Kaisha, JP
[22] 1993-02-24
[30] JP (4-041034) 1992-02-27

[11] **2,091,385**
[13] C
[51] **Int.Cl. 5B65H 29/32**
[25] EN
[54] **PROCESS FOR STACKING PLATES, LEAVES, FOILS OR THE LIKE**
[54] **PROCEDE POUR EMPILER LES PLAQUES, LES FEUILLES, LES FEUILLARDS ET AUTRES OBJETS DU GENRE**
[72] Baumgartner, Richard, AT
[72] Scheucher, Peter, AT
[73] Andritz-Patentverwaltungs-Gesellschaft m.b.H., AT
[22] 1993-03-10
[30] AT (A 476/92) 1992-03-11

[11] **2,092,188**
[13] C
[51] **Int.Cl. 6C11D 1/52 6C11D 3/39 6C11D 3/395**
[25] EN
[54] **POLYHYDROXY FATTY ACID AMIDE SURFACTANTS IN BLEACH-CONTAINING DETERGENT COMPOSITIONS**
[54] **AGENTS DE SURFACE A BASE D'AMIDES D'ACIDES GRAS POLYHYDROXYLES DANS UN DETERGENT RENFERMANT UN AGENT DE BLANCHIMENT**
[72] Murch, Bruce Prentiss, US
[72] Hardy, Frederick Edward, GB
[73] Procter & Gamble Company (The), US
[85] 1993-03-22
[86] 1991-09-25 (PCT/US91/07029)
[87] (WO92/06155)
[30] US (589,738) 1990-09-28
[30] US (756,098) 1991-09-06

[11] **2,092,875**
[13] C
[51] **Int.Cl. 6H04L 12/58 6H04L 29/06**
[25] EN
[54] **METHOD FOR IMPLEMENTING A DATA COMMUNICATION PROTOCOL STACK**
[54] **METHODE DE MISE EN OEUVRE DE PROTOCOLES DE TRANSMISSION DE DONNEES**
[72] Mazzola, Anthony J., US
[73] ALCATEL NETWORK SYSTEMS, INC., US
[22] 1993-03-29
[30] US (7-888,953) 1992-05-26

[11] **2,095,403**
[13] C
[51] **Int.Cl. 6B61G 9/24**
[25] EN
[54] **YOKE FOR COUPLING RAILWAY CARS UTILIZING A DRAWBAR ASSEMBLY**
[54] **FOURCHE POUR ACCOUPLEMENT DE WAGONS DE CHEMIN DE FER MUNIS D'UNE BARRE D'ATTELAGE**
[72] Mautino, Peter Scott, US
[72] Hanes, Douglas M., US
[73] McConway & Torley Corporation, US
[22] 1993-05-03

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,098,805**
[13] C

[51] **Int.Cl. 6C09D 175/04 6C09D 175/12 6B05D 7/14**
[25] EN
[54] **ISOCYANATE-CROSSLINKED COATING HAVING REDUCED YELLOWING**
[54] **PRODUIT DE REVETEMENT A RETICULATION CROISEE AVEC L'ISOCYANATE, QUI JAUNIT PEU**
[72] Cook, Vincent C., US
[72] Brunsch, Thomas R., US
[73] Basf Corporation, US
[22] 1993-06-18
[30] US (7/921,545) 1992-07-29

[11] **2,100,038**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **CHUTED, GROWABLE PACKET SWITCHING ARRANGEMENT**
[54] **DISPOSITIF DE COMMUTATION DE PAQUETS EVOLUTIF A BRANCHEMENTS**
[72] Cloonan, Thomas Jay, US
[72] Richards, Gaylord Warner, US
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
[22] 1993-07-07
[30] US (954,104) 1992-09-30

[11] **2,100,440**
[13] C

[51] **Int.Cl. 6F24F 13/28 6F24F 13/06**
[25] EN
[54] **FILTER SYSTEM FOR FLOOR REGISTERS**
[54] **SYSTEME DE FILTRE POUR GRILLE A REGISTRE DE PLANCHER**
[72] Melnyk, Jack D., CA
[73] Melnyk, Jack D., CA
[22] 1993-07-13

[11] **2,100,740**
[13] C

[51] **Int.Cl. 6B01J 10/00**
[25] EN
[54] **ENHANCED GAS-LIQUID MIXING UNDER VARIABLE LIQUID OPERATING LEVEL CONDITIONS**
[54] **PROCEDE DE MELANGE GAZ-LIQUIDE AMELIORE EN REGIME DE NIVEAU DE LIQUIDE VARIABLE**
[72] Davis, Robert B., US
[73] Praxair S.T. Technology, Inc., US
[22] 1993-07-16
[30] US (07/914,333) 1992-07-17

[11] **2,101,309**
[13] C

[51] **Int.Cl. 6G02B 9/18**
[25] EN
[54] **OBJECTIVE LENS FOR A FREE-SPACE PHOTONIC SWITCHING SYSTEM**
[54] **OBJECTIFS POUR SYSTEME DE COMMUTATION PHOTONIQUE EN ESPACE LIBRE**
[72] Sasian-Alvarado, Jose Manuel, US
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
[22] 1993-07-26
[30] US (969,495) 1992-10-30

[11] **2,103,124**
[13] C

[51] **Int.Cl. 6G01P 3/488 6G01P 3/44**
[25] EN
[54] **ANNULAR SPEED SENSOR WITH STRAIN RELIEF**
[54] **CAPTEUR DE VITESSE DE FORME ANNULAIRE MUNI D'UN DISPOSITIF DE DETENTE**
[72] Caron, LaVerne A., US
[73] Dana Corporation, US
[22] 1993-11-15
[30] US (980,038) 1992-11-23

[11] **2,105,266**
[13] C

[51] **Int.Cl. 6H04B 7/26 6H04Q 7/22 6H04Q 7/38**
[25] EN
[54] **CALL HANDOFF IN A WIRELESS TELEPHONE SYSTEM**
[54] **PROCEDE DE TRANSFERT DE CONTROLE POUR UN TELEPHONE SANS FIL**
[72] Farwell, Charles Yeomans, US
[72] Miller, Richard Dale, US
[72] Windhausen, Richard Alan, US
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
[22] 1993-08-31
[30] US (965,481) 1992-10-23

[11] **2,105,996**
[13] C

[51] **Int.Cl. 6A61L 9/14 6A01M 7/00 6A61L 9/12 6F24F 3/14 6A61L 9/22**
[25] EN
[54] **ELECTROSTATIC VAPOR-AEROSOL GENERATOR**
[54] **GENERATEUR ELECTROSTATIQUE DE VAPEUR/AEROSOL**
[72] Peltier, Mark E., US
[73] Peltier, Mark E., US
[85] 1993-09-10
[86] 1992-03-03 (PCT/US92/01812)
[87] (WO92/15339)
[30] US (667,200) 1991-03-11

[11] **2,107,339**
[13] C

[51] **Int.Cl. 6A01K 1/015**
[25] EN
[54] **ANIMAL EXCREMENT TREATMENT MATERIAL AND METHOD FOR PRODUCING THE SAME**
[54] **MATERIAU POUR LE TRAITEMENT DES EXCREMENTS D'ANIMAUX, ET PROCEDE DE FABRICATION CONNEXE**
[72] Ito, Hiroshi, JP
[73] KABUSHIKIKAISHA DAIKI, JP
[85] 1993-09-29
[86] 1993-02-01 (PCT/JP93/00114)
[87] (WO93/14626)
[30] JP (42046/1992) 1992-01-31
[30] JP (112040/1992) 1992-03-19
[30] JP (157205/1992) 1992-05-01

Canadian Patents Issued
September 28, 1999

[11] 2,107,862
[13] C

[51] Int.Cl. 6G02B 27/26 6G03B 35/26
6H04N 5/74
[25] EN
[54] LARGE-SCREEN DISPLAY
SYSTEM
[54] SYSTEME D'AFFICHAGE A
ECRAN LARGE
[72] Janow, Richard H., US
[73] AMERICAN TELEPHONE AND
TELEGRAPH COMPANY, US
[22] 1993-10-06
[30] US (995,425) 1992-12-22

[11] 2,108,233
[13] C

[51] Int.Cl. 6H04B 1/04 6H03G 3/00
6H04Q 7/32
[25] EN
[54] METHOD AND APPARATUS FOR
REDUCING THE PEAK-TO-AVERAGE
POWER IN MULTI-CARRIER RF
COMMUNICATION SYSTEMS
[54] METHODE ET APPAREIL POUR
REDUIRE LE RAPPORT PUISSANCE
DE CRETE SUR PUISSANCE
MOYENNE DANS LES SYSTEMES DE
RADIOCOMMUNICATION
MULTIPORTEUSE
[72] Arntz, Bernard James, US
[72] Nitz, William Allen, US
[72] Ocenasek, Josef, US
[73] AMERICAN TELEPHONE AND
TELEGRAPH COMPANY, US
[22] 1993-10-12
[30] US (964,596) 1992-10-20

[11] 2,108,863
[13] C

[51] Int.Cl. 6H04L 12/56
[25] EN
[54] PACKET DISASSEMBLER
[54] DESASSEMBLEUR DE PAQUETS
[72] Kudoh, Norimasa, JP
[73] Kabushiki Kaisha Toshiba, JP
[22] 1993-10-20
[30] JP (281,849/1992) 1992-10-20

[11] 2,109,456
[13] C

[51] Int.Cl. 6F23C 9/06
[25] EN
[54] COMPACT BOILER HAVING LOW
NOX EMISSIONS
[54] CHAUDIERE COMPACTE A
FAIBLE EMISSION D'OXYDES
D'AZOTE
[72] Brady, Robert T., US
[72] Werling, Joseph H., US
[73] Mark IV Transportation Products
Corporation, US
[22] 1993-10-28
[30] US (07/972,358) 1992-11-05

[11] 2,109,708
[13] C

[51] Int.Cl. 6C25D 17/12 6C25F 5/00
6C25D 7/06 6C25D 21/18
[25] FR
[54] ELECTRODE POUR CELLULE
ELECTROLYTIQUE, SON
UTILISATION ET PROCEDE
L'UTILISANT
[54] ELECTRODE FOR ELECTROLYTE
CELL, USE THEREOF AND PROCESS
[72] Prüm, Norbert, BE
[72] Schnettler, Roland, DE
[72] May, Hans Joseph, DE
[73] Schnettler, Roland, DE
[73] May, Hans Joseph, DE
[73] Sikel N.V., BE
[85] 1993-11-22
[86] 1992-05-27 (PCT/BE92/00022)
[87] (WO92/21794)
[30] WO (PCT/BE 91/00033) 1991-05-30
[30] DE (P 41 22 543.0) 1991-07-08

[11] 2,110,333
[13] C

[51] Int.Cl. 6B62D 13/04
[25] EN
[54] AUTOMATIC STEERING
ASSEMBLY FOR TOWED VEHICLE
[54] DISPOSITIF DE DIRECTION
AUTOMATIQUE POUR VEHICULE
REMORQUE
[72] Houle, Michel, CA
[72] Courtemanche, Alain, CA
[72] Courtemanche, Denis, CA
[73] J. HOULE ET FILS INC., CA
[22] 1993-11-30

[11] 2,113,456
[13] C

[51] Int.Cl. 6C08F 4/76 6C08F 10/00
[25] EN
[54] LIVING CARBOCATIONIC
POLYMERIZATION PROCESS
[54] PROCEDE D'OBTENTION D'UN
POLYMERE CARBOCATIONIQUE
VIVANT
[72] Faust, Rudolf, US
[72] Gyor, Miklos, JP
[72] Wang, Hsien-Chan, US
[73] University of Massachusetts Lowell, US
[73] Exxon Chemical Patents Inc., US
[85] 1994-01-13
[86] 1992-06-24 (PCT/US92/05366)
[87] (WO93/02110)
[30] US (730,363) 1991-07-15

[11] 2,114,820
[13] C

[51] Int.Cl. 6F16D 7/02 6G04C 23/08
6G04C 23/10
[25] EN
[54] TORQUE LIMITING DRIVE AND
PROGRAMMER/TIMER EMPLOYING
SAME
[54] ENTRAINEMENT LIMITEUR DE
COUPLE ET PROGRAMMATEUR/
TEMPORISATEUR L'EMPLOYANT
[72] Mahon, Joseph J., US
[72] Aigner, Robert K., US
[73] Eaton Corporation, US
[22] 1994-02-02
[30] US (013,501) 1993-02-04

[11] 2,115,238
[13] C

[51] Int.Cl. 6G03G 9/08 6G03G 15/08
6G03G 9/10
[25] EN
[54] TONER, METHOD FOR
MANUFACTURING SAME, AND
IMAGING APPARATUS USING SAME
[54] TONER, METHODE DE
FABRICATION DE CE TONER ET
APPAREIL D'IMAGERIE UTILISANT
CE TONER
[72] Murao, Kenji, JP
[72] Iwasaki, Kishiro, JP
[72] Sasaki, Hiroshi, JP
[73] HITACHI, LTD., JP
[22] 1994-02-08
[30] JP (5-22360) 1993-02-10
[30] JP (5-231258) 1993-09-17

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,116,194**
[13] C

[51] **Int.Cl. 6C09K 11/08 6C09K 11/55 6C09K 11/64 6C09K 11/77**
[25] EN
[54] **PHOSPHORESCENT PHOSPHOR LUMINOPHORE PHOSPHORESCENT**
[72] Murayama, Yoshihiko, JP
[72] Takeuchi, Nobuyoshi, JP
[72] Aoki, Yasumitsu, JP
[72] Matsuzawa, Takashi, JP
[73] Nemoto & Co., Ltd., JP
[22] 1994-02-22
[30] JP (5-103310) 1993-04-28
[30] JP (6-4984) 1994-01-21

[11] **2,117,314**
[13] C

[51] **Int.Cl. 6G01N 1/28 6B01L 9/00 6B65D 71/70**
[25] EN
[54] **BIOLOGICAL SPECIMEN CASSETTE**
[54] **BOITE POUR SPECIMEN BIOLOGIQUE**
[72] Lafond, André, CA
[72] Laliberté, Gérard, CA
[73] 3088081 CANADA INC., CA
[22] 1994-06-09

[11] **2,117,440**
[13] C

[51] **Int.Cl. 6G06K 19/07 6G07F 7/10**
[25] EN
[54] **INTEGRATED POINT-OF-SALE MULTIPLE APPLICATION SYSTEM**
[54] **SYSTEME DE POINT DE VENTE A APPLICATIONS MULTIPLES**
[72] Carlisle, William Reid, US
[72] Skibo, Richard John, US
[72] Curtis, Lydia Anne, US
[72] Murphy, Kathleen M., US
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
[22] 1994-08-10
[30] US (112,487) 1993-08-27
[30] US (250,144) 1994-05-27

[11] **2,117,564**
[13] C

[51] **Int.Cl. 6F21V 21/00 6B60Q 1/00 6F21S 1/14**
[25] EN
[54] **MODULAR LIGHTING UNIT**
[54] **APPAREIL D'ECLAIRAGE MODULAIRE**
[72] Kasboske, George C., US
[73] Kasboske, George C., US
[22] 1994-08-24
[30] US (08/145,819) 1993-11-02

[11] **2,118,615**
[13] C

[51] **Int.Cl. 6H04B 7/26 6H04Q 7/22 6H04Q 7/30 6H04B 1/38**
[25] EN
[54] **CELLULAR MOBILE COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION MOBILE CELLULAIRE**
[72] Doi, Nobukazu, JP
[72] Yano, Takashi, JP
[73] HITACHI, LTD., JP
[22] 1994-03-09
[30] JP (05-050393) 1993-03-11

[11] **2,120,044**
[13] C

[51] **Int.Cl. 6A61K 7/48**
[25] EN
[54] **PETROLEUM JELLY CREAM**
[54] **CREME A BASE DE GELEE DE PETROLE**
[72] Rose, Walter, US
[72] Zimmerman, Amy Christine, US
[73] Unilever PLC, GB
[22] 1994-03-25
[30] US (08/115490) 1993-09-01

[11] **2,120,981**
[13] C

[51] **Int.Cl. 6G02B 7/04 6G02B 7/08**
[25] EN
[54] **PERMANENT MAGNETIC SUSPENSION WITH ROLLER GUIDES**
[54] **SUSPENSION MAGNETIQUE PERMANENTE AVEC GALETS-GUIDES**
[72] Devenyi, Gabor, CA
[73] RAYTHEON COMPANY, US
[22] 1994-04-11
[30] US (045,958) 1993-04-12

[11] **2,121,390**
[13] C

[51] **Int.Cl. 6H03L 7/18**
[25] EN
[54] **MULTILOOP PHASE-LOCKED LOOP CIRCUIT**
[54] **CIRCUIT MULTI-BOUCLES A PHASE ASSERVIE**
[72] Aoyama, Syuji, JP
[72] Funahashi, Takao, JP
[72] Kubo, Kiyoshi, JP
[72] Okawa, Yasuhito, JP
[72] Sato, Takeshi, JP
[72] Takahashi, Hiroshi, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1994-04-15
[30] JP (05-100905) 1993-04-27
[30] JP (05-100906) 1993-04-27

[11] **2,122,414**
[13] C

[51] **Int.Cl. 6B41J 2/175**
[25] EN
[54] **METHOD OF AND AN APPARATUS FOR USING AN INK CONCENTRATE IN AN INK JET PRINTING ARRANGEMENT**
[54] **METHODE ET DISPOSITIF PERMETTANT D'UTILISER DE L'ENCRE CONCENTREE DANS UNE IMPRIMANTE A JET D'ENCRE**
[72] Dué, George B., US
[72] Standard, John W., US
[72] Pino, Anthony P., US
[72] O'Brien, Michael E., US
[72] Pope, Thomas S., US
[73] Matthews International Corporation, US
[22] 1994-04-28
[30] US (08/117,426) 1993-09-07

[11] **2,122,541**
[13] C

[51] **Int.Cl. 6B61G 9/20**
[25] EN
[54] **SUPPORT HOUSING FOR A ROTARY END OF A SLACKLESS DRAWBAR**
[54] **LOGEMENT D'EXTREMITE DE BARRE DE TRACTION**
[72] Hanes, Douglas M., US
[73] McConway & Torley Corporation, US
[22] 1994-04-29
[30] US (08/201,672) 1994-02-25

Canadian Patents Issued
September 28, 1999

[11] **2,124,046**
[13] C

[51] **Int.Cl. 6H04B 1/26**
[25] EN
[54] **COMPLEX SIGNAL CORRELATOR AND METHOD THEREFOR**
[54] **CORRELATEUR DE SIGNAUX COMPLEXES ET METHODE DE CORRELATION CONNEXE**
[72] Kazecki, Henry Ludwig, US
[73] MOTOROLA, INC., US
[22] 1994-05-20
[30] US (065,421) 1993-05-24

[11] **2,124,060**
[13] C

[51] **Int.Cl. 6B42F 9/00**
[25] EN
[54] **NOTEBOOK BINDER SYSTEM**
[54] **RELIURE DE CALEPINS**
[72] Gresham, David M., US
[72] Davison, John W., US
[72] Soto, Robert D., US
[72] Cicenias, Chris, US
[73] Morningstar, Inc., US
[22] 1994-05-20
[30] US (08/066,490) 1993-05-24

[11] **2,124,337**
[13] C

[51] **Int.Cl. 6G08C 21/00 6G01D 5/25**
[25] EN
[54] **CONTACT TOUCHSCREEN WITH AN IMPROVED INSULATED SPACER ARRANGEMENT**
[54] **ECRAN TACTILE A DISPOSITIF D'ESPACEMENT ISOLE AMELIORE**
[72] Kent, Joel C., US
[73] Elo TouchSystems, Inc., US
[85] 1994-05-25
[86] 1992-11-17 (PCT/US92/09959)
[87] (WO93/11518)
[30] US (798,664) 1991-11-26

[11] **2,124,424**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **FAST CONNECTION SETUP INTERFACES USING PRE-ASSIGNED VIRTUAL CHANNEL IDENTIFIERS**
[54] **INTERFACES DE CONNEXION RAPIDE UTILISANT DES IDENTIFICATEURS DE CANAUX VIRTUELS PRE-ASSIGNES**
[72] Suzuki, Hiroshi, JP
[73] NEC Corporation, JP
[22] 1994-05-26
[30] JP (5-124549) 1993-05-27

[11] **2,125,101**
[13] C

[51] **Int.Cl. 5H04B 7/24 5B60R 1/00 5B60R 16/02**
[25] EN
[54] **RADIO FREQUENCY CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE RADIOFREQUENCE**
[72] Knapp, Robert C., US
[73] Gentex Corporation, US
[22] 1994-06-03
[30] US (180,565) 1994-01-12

[11] **2,127,121**
[13] C

[51] **Int.Cl. 6C22C 27/04 6B22F 1/00 6C22C 1/04 6B22F 3/12**
[25] EN
[54] **MASTER ALLOYS FOR BETA 21S TITANIUM-BASED ALLOYS AND METHOD OF MAKING SAME**
[54] **ALLIAGES MERES POUR ALLIAGES A BASE DE TITANE BETA 21S; METHODE D'OBTENTION**
[72] Perfect, Frederick H., US
[73] Perfect, Marjorie L., US
[85] 1994-06-29
[86] 1993-07-23 (PCT/US93/06903)
[87] (WO94/02657)
[30] US (918,242) 1992-07-23

[11] **2,127,804**
[13] C

[51] **Int.Cl. 6G08B 15/02 6G08B 13/00**
[25] EN
[54] **ANTITHEFT SYSTEM AND ANTITHEFT APPARATUS**
[54] **METHODE ET DISPOSITIF ANTIVOL**
[72] Sugimoto, Toshinori, JP
[72] Maeda, Shuji, JP
[72] Nakamura, Toshinori, JP
[73] Secom Co., Ltd., JP
[85] 1994-07-11
[86] 1993-06-14 (PCT/JP93/00792)
[87] (WO94/12958)
[30] JP (4-316877) 1992-11-26
[30] JP (5-5159) 1993-01-14
[30] JP (5-70375) 1993-03-29

[11] **2,128,311**
[13] C

[51] **Int.Cl. 6G03G 5/08 6H01L 41/24**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF PZT FILMS**
[54] **PROCEDE DE FABRICATION DE FILMS DE TITANO-ZIRCONATE DE PLOMB**
[72] Gesemann, Hans-Jürgen, DE
[72] Seffner, Lutz, DE
[72] Völker, Karin, DE
[73] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 1994-07-18
[30] DE (P 43 25 167.6) 1993-07-27

[11] **2,129,177**
[13] C

[51] **Int.Cl. 6H01H 3/00**
[25] EN
[54] **LINEAR MOTOR DRIVEN TRANSFER SWITCH ASSEMBLY**
[54] **COMMUTEUR DE TRANSFERT COMMANDE PAR MOTEUR LINEAIRE**
[72] Kunert, Armin, CA
[72] Goupil, Bruno, CA
[73] TORNATECH INC., CA
[22] 1994-07-29

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,130,403**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **ATM SWITCHING SYSTEM AND CELL CONTROL METHOD**
[54] **SYSTEME DE COMMUTATION MTA ET METHODE DE CONTROLE DE CELLULES**
[72] Kozaki, Takahiko, JP
[72] Miyagi, Morihito, JP
[72] Okamoto, Manabu, JP
[73] HITACHI, LTD., JP
[22] 1994-08-18
[30] JP (05-210179) 1993-08-25

[11] **2,130,871**
[13] C

[51] **Int.Cl. 6H03L 7/22 6H03J 7/02**
[25] EN
[54] **METHOD AND APPARATUS FOR A PHASE-LOCKED LOOP CIRCUIT WITH HOLDOVER MODE**
[54] **CIRCUIT A BOUCLE A ASSERVISSEMENT DE PHASE A MODE DE RETENUE**
[72] Alder, John M., NL
[72] Bontekoe, Hendricus Maria Hyacinthus, NL
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
[22] 1994-08-25
[30] US (147,631) 1993-11-05

[11] **2,131,001**
[13] C

[51] **Int.Cl. 6C23G 5/00 6H05K 3/26**
[25] EN
[54] **STABILIZATION OF SILICATE SOLUTIONS**
[54] **STABILISATION DE SOLUTIONS DE SILICATE**
[72] Winston, Anthony E., US
[72] Dunn, Steven E., US
[72] Vinci, Alfredo, US
[72] Cala, Francis R., US
[72] Lajoie, M. Stephen, US
[73] Church & Dwight Company, Inc., US
[85] 1994-08-26
[86] 1993-03-24 (PCT/US93/02544)
[87] (WO93/25729)
[30] US (07/896,381) 1992-06-10

[11] **2,131,079**
[13] C

[51] **Int.Cl. 6H04L 12/56 6H04B 17/00 6H04L 12/26**
[25] EN
[54] **FIXED-LENGTH PACKET SWITCHING SYSTEM ADAPTED FOR FUNCTION TEST**
[54] **SYSTEME DE COMMUTATION DE PAQUETS DE LONGUEUR FIXE ADAPTE AU TEST DE FONCTIONS**
[72] Kozaki, Takahiko, JP
[72] Horie, Nobuhiro, JP
[72] Asano, Kenichi, JP
[73] HITACHI, LTD., JP
[73] HITACHI ULSI ENGINEERING CORPORATION, JP
[22] 1994-08-29
[30] JP (05-217203) 1993-09-01

[11] **2,131,080**
[13] C

[51] **Int.Cl. 6H04L 12/54 6H04L 12/56**
[25] EN
[54] **PATH CHANGING SYSTEM AND METHOD FOR USE IN ATM COMMUNICATION APPARATUS**
[54] **SYSTEME ET METHODE DE CHANGEMENT DE TRAJET POUR APPAREIL DE COMMUNICATION MTA**
[72] Takano, Masataka, JP
[72] Oka, Yoji, JP
[72] Takase, Akihiko, JP
[72] Takahashi, Setsuo, JP
[73] HITACHI, LTD., JP
[73] HITACHI COMMUNICATION SYSTEMS, INC., JP
[22] 1994-08-29
[30] JP (05-215485) 1993-08-31

[11] **2,133,073**
[13] C

[51] **Int.Cl. 6H03K 17/04**
[25] EN
[54] **FAST BIDIRECTIONAL ANALOG SWITCHING SYSTEM FOR HF PULSES OF INSTANTANEOUS HIGH POWER**
[54] **SYSTEME DE COMMUTATION ANALOGIQUE BIDIRECTIONNEL RAPIDE POUR IMPULSIONS HF DE GRANDE PUISSANCE INSTANTANEE**
[72] Ramos Fernandez, Antonio, ES
[72] Sanz Sanchez, Petro Tomas, ES
[73] Consejo Superior Investigaciones Cientificas, ES
[85] 1994-09-27
[86] 1993-12-29 (PCT/ES93/00102)
[87] (WO94/17593)
[30] ES (9300154) 1993-01-28

[11] **2,133,503**
[13] C

[51] **Int.Cl. 6A61K 31/485 6A61K 9/14 6A61K 9/22 6A61K 9/52**
[25] EN
[54] **ORALLY ADMINISTRABLE OPIOID FORMULATIONS HAVING EXTENDED DURATION OF EFFECT**
[54] **COMPOSITIONS D'OPIOIDES A EFFET PROLONGE POUR ADMINISTRATION ORALE**
[72] Oshlack, Benjamin, US
[72] Chasin, Mark, US
[73] EURO-CELTIQUE, S.A., LU
[22] 1994-10-03
[30] US (133,503) 1993-10-07

[11] **2,136,247**
[13] C

[51] **Int.Cl. 6B32B 21/02 6B27N 3/04**
[25] EN
[54] **WOOD BOARD, SURFACE-DECORATED WOOD BOARD, AND MANUFACTURING METHOD THEREFOR**
[54] **BOIS LAMELLE, BOIS LAMELLE A SURFACE DECORATIVE, ET METHODE POUR LA FABRICATION DE CES PRODUITS**
[72] Nagasima, Hironao, JP
[72] Yoshimura, Katsuji, JP
[73] Yamaha Corporation, JP
[22] 1994-11-21
[30] JP (5-292204) 1993-11-22

[11] **2,136,392**
[13] C

[51] **Int.Cl. 6A61K 7/032**
[25] FR
[54] **COMPOSITION COSMETIQUE POUR LE MAQUILLAGE SOUS FORME D'UN MASCARA CONTENANT AU MOINS UNE CIRE ET UN PSEUDO-LATEX**
[54] **COSMETIC COMPOSITION FOR MAKE-UP AS MASCARA CONTAINING AT LEAST A WAX AND A PSEUDO-LATEX**
[72] Debort, Danièle, FR
[72] Patraud, Jeanne, FR
[72] Piot, Bertrand, FR
[73] L'OREAL, FR
[22] 1994-11-22
[30] FR (93 14 051) 1993-11-24

Canadian Patents Issued
September 28, 1999

[11] **2,137,043**
[13] C

[51] **Int.Cl. 6G02F 1/1335**
[25] EN
[54] **BACKLIT LIQUID CRYSTAL DISPLAY WITH EDGE-MOUNTED NIGHT LAMP**
[54] **AFFICHEUR A CRISTAUX LIQUIDES RETRO-ECLAIRE A LAMPE LATERALE**
[72] Abileah, Adiel, US
[73] OIS Optical Imaging Systems, Inc., US
[22] 1994-11-30
[30] US (08/161,277) 1993-12-03

[11] * **2,139,095**
[13] C

[51] **Int.Cl. 6H03M 5/02**
[25] EN
[54] **REAL-TIME DIGITAL AUDIO COMPRESSION/DECOMPRESSION SYSTEM**
[54] **SYSTEME DE COMPRESSION-DECOMPRESSION EN TEMPS REEL DE SIGNAUX AUDIONUMERIQUES**
[72] Jones, Ronald Henry Jr., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1994-12-23
[30] US (174,800) 1993-12-29

[11] **2,139,302**
[13] C

[51] **Int.Cl. 6C08L 77/00 6C09D 177/00**
[25] EN
[54] **THERMOPLASTIC RESIN COMPOSITION HAVING GOOD PAINTING AND SURFACE-POLISHING PROPERTIES**
[54] **COMPOSITION DE RESINE THERMOPLASTIQUE PRESENTANT DE BONNES PROPRIETES EN MATIERE DE PEINTURE ET DE POLISSAGE DE SURFACES**
[72] Park, Bong-Hyun, KR
[73] Hyundai Motor Company, KR
[22] 1994-12-29
[30] KR (93-31614) 1993-12-30

[11] **2,139,855**
[13] C

[51] **Int.Cl. 6G01L 19/00 6G01L 7/00 6G01R 31/36**
[25] EN
[54] **APPARATUS FOR MEASURING THE PRESSURE INSIDE A RECHARGEABLE ELECTROCHEMICAL CELL**
[54] **APPAREIL POUR MESURER LA PRESSION A L'INTERIEUR D'UNE PILE ELECTROCHIMIQUE RECHARGEABLE**
[72] Venkatesan, Srinivasan, US
[72] Burke, George, US
[72] Laming, Ken, US
[72] Dhar, Subhash K., US
[73] OVONIC BATTERY COMPANY, INC., US
[85] 1995-01-09
[86] 1993-07-09 (PCT/US93/06467)
[87] (WO94/01745)
[30] US (910,956) 1992-07-09

[11] **2,140,337**
[13] C

[51] **Int.Cl. 6C22C 1/04 6C22C 30/00 6B22F 1/00 6H01M 4/38**
[25] EN
[54] **NICKEL ALLOY FOR HYDROGEN BATTERY ELECTRODES**
[54] **ALLIAGE DE NICKEL POUR ELECTRODES A HYDROGENE**
[72] Perfect, Frederick H., US
[73] Reading Alloys, Inc., US
[73] Perfect, Marjorie L., US
[85] 1995-01-16
[86] 1993-07-23 (PCT/US93/06898)
[87] (WO94/02274)
[30] US (919,171) 1992-07-23

[11] **2,140,424**
[13] C

[51] **Int.Cl. 6F16S 3/02 6B62D 21/02**
[25] EN
[54] **HYBRID FRAME RAIL**
[54] **ELEMENT HYBRIDE DE CHARPENTE**
[72] Ritchie, Jack J., US
[73] Budd Company (The), US
[22] 1995-01-17
[30] US (205,836) 1994-03-03

[11] **2,140,496**
[13] C

[51] **Int.Cl. 6B41F 9/01 6B41F 3/00 6B41F 31/06 6B41F 23/08**
[25] EN
[54] **PROCESS AND ROTARY PRINTING MACHINE FOR INDIRECT ROTOGRAVURE PRINTING**
[54] **METHODE D'IMPRESSON ET ROTATIVE POUR LA ROTOGRAVURE INDIRECTE**
[72] Tittgemeyer, Udo, DE
[72] Köbler, Ingo, DE
[73] MAN ROLAND DRUCKMASCHINEN AG, DE
[22] 1995-01-18
[30] DE (P 44 01 362.0) 1994-01-18

[11] **2,140,788**
[13] C

[51] **Int.Cl. 6A61B 5/06 6A61B 19/00**
[25] EN
[54] **TUBE PLACEMENT VERIFIER SYSTEM**
[54] **SYSTEME PERMETTANT DE VERIFIER LA POSITION D'UN TUBE**
[72] Hirschi, Richard Edward, US
[72] Karbowski, James Patrick, US
[72] Tiefenthal, James Lawrence, US
[72] Isaac, Ronald Mark, US
[73] ABBOTT LABORATORIES, US
[73] White's Electronics, Inc., US
[85] 1995-01-20
[86] 1993-07-12 (PCT/US93/06518)
[87] (WO94/02079)
[30] US (917,259) 1992-07-23

[11] * **2,141,283**
[13] C

[51] **Int.Cl. 6G11B 33/00**
[25] EN
[54] **CRASH STOP SHOCK RING FOR THE PROTECTION OF BEARINGS**
[54] **DISPOSITIF D'ARRET D'URGENCE POUR LA PROTECTION DES PALIERS A ROULEMENT**
[72] Aoyagi, Akihiko, JP
[72] Sri-Jayantha, Muthuthamby, US
[72] Das Khanna, Vijayeshwar, US
[72] Kumar, Suresh, US
[72] Boutaghrou, Zine-Eddine, US
[73] International Business Machines Corporation, US
[22] 1995-01-27
[30] US (188,178) 1994-01-28

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,141,858**
[13] C

[51] **Int.Cl. 6G07C 15/00**
[25] EN
[54] **A SYSTEM FOR DRAWING WINNERS IN A LOTTERY**
[54] **SYSTEME POUR DETERMINER LES GAGNANTS DANS UNE LOTERIE**
[72] Lundin, Per, SE
[73] GE SPELUTVECKLING AB, SE
[85] 1995-02-06
[86] 1992-08-07 (PCT/SE92/00543)
[87] (WO94/03873)

[11] **2,142,723**
[13] C

[51] **Int.Cl. 6G01M 3/26 6D21C 11/00**
[25] EN
[54] **RECOVERY BOILER LEAK DETECTION SYSTEM AND METHOD**
[54] **DISPOSITIF DE DETECTION DES FUITES DANS UNE CHAUDIERE DE RECUPERATION; LA METHODE CORRESPONDANTE**
[72] Nevruz, Albert A., US
[73] UNION CAMP PATENT HOLDING, INC., US
[85] 1995-02-16
[86] 1993-07-21 (PCT/US93/06864)
[87] (WO94/04900)
[30] US (07/932,164) 1992-08-19

[11] **2,143,144**
[13] C

[51] **Int.Cl. 6H04B 7/00 6H04B 14/08**
[25] EN
[54] **MODULATED BACKSCATTER WIRELESS COMMUNICATION SYSTEM HAVING AN EXTENDED RANGE**
[54] **SYSTEME DE COMMUNICATION SANS FIL A SIGNAUX RETRODIFFUSES MODULES DE PORTEE ACCRUE**
[72] Evans, James Gifford, US
[72] Shober, R. Anthony, US
[72] Vannucci, Giovanni, US
[72] Wilkus, Stephen A., US
[73] NCR CORPORATION, US
[22] 1995-02-22
[30] US (206,075) 1994-03-03

[11] **2,143,175**
[13] C

[51] **Int.Cl. 6G09G 3/36 6G09F 9/35**
[25] EN
[54] **FLEX CIRCUIT BOARD FOR LIQUID CRYSTAL DISPLAY**
[54] **CARTE DE CIRCUIT SOUPLE POUR AFFICHEUR A CRISTAUX LIQUIDES**
[72] Bradford, Brian K., III, US
[72] Voisin, Paul A., US
[73] OIS Optical Imaging Systems, Inc., US
[22] 1995-02-22
[30] US (08/200,670) 1994-02-23

[11] **2,143,257**
[13] C

[51] **Int.Cl. 6H04N 7/15**
[25] EN
[54] **MULTIPOINT VIDEO TELECONFERENCING APPARATUS FOR PROCESSING AND COMBINING COMPRESSED IMAGE INFORMATION**
[54] **APPAREIL DE VIDEOCONFERENCE MULTIPOINT POUR TRAITER ET COMBINER L'INFORMATION D'IMAGE COMPRIMEE**
[72] Mizuno, Hiromi, JP
[72] Fukuoka, Hideyuki, JP
[73] NEC Corporation, JP
[22] 1995-02-23
[30] JP (6-025830) 1994-02-24
[30] JP (6-217474) 1994-09-12

[11] **2,143,403**
[13] C

[51] **Int.Cl. 6F27B 3/08 6C22B 9/187**
[25] EN
[54] **PROCESS FOR THE SIMULTANEOUS SMELTING OF DUST AND INCINERATOR SLAG**
[54] **PROCEDE POUR LA FUSION SIMULTANEE DES POUSSIERS ET DES BOUES D'UN INCINERATEUR**
[72] Bullmann, Guido, DE
[73] RWE Energie Aktiengesellschaft, DE
[73] Mannesmann Aktiengesellschaft, DE
[22] 1995-02-24
[30] DE (P 44 06 898.0-24) 1994-03-03

[11] **2,144,360**
[13] C

[51] **Int.Cl. 6B31B 9/26 6B65D 3/28 6B31F 1/36 6B31B 9/74**
[25] EN
[54] **PRECONDITIONED PAPERBOARD CONTAINERS AND METHOD AND APPARATUS FOR MAKING SAME**
[54] **CONTENANTS DE CARTON PRECONDITIONNES ET METHODE ET APPAREIL DE FABRICATION CORRESPONDANTS**
[72] Aloisi, Robert J., US
[72] Livingston, Arthur, US
[72] Huss, Brian S., US
[73] James River Corporation of Virginia, US
[22] 1995-03-10
[30] US (08/208,883) 1994-03-11

[11] **2,144,480**
[13] C

[51] **Int.Cl. 6G09F 9/30**
[25] EN
[54] **DISPLAY PIXEL BALANCING FOR A MULTI COLOUR DISCRETE LEVEL DISPLAY**
[54] **EQUILIBRAGE DES PIXELS D'UN ECRAN POUR AFFICHAGE COULEURS A DEGRE DE LUMINANCE DISCRET**
[72] Silverbrook, Kia, AU
[72] Naylor, William Clark, Jr., AU
[73] Canon Kabushiki Kaisha, JP
[22] 1995-03-13
[30] AU (PM4402) 1994-03-11
[30] AU (PM4408) 1994-03-11

[11] **2,144,611**
[13] C

[51] **Int.Cl. 6C01G 23/07**
[25] EN
[54] **IMPROVED PROCESS FOR THE USE OF RUTILE PROMOTER AND CONTROL ADDITIVES IN THE MANUFACTURE OF TITANIUM DIOXIDE BY THE CHLORIDE PROCESS**
[54] **METHODE AMELIOREE POUR L'UTILISATION D'UN PROMOTEUR DU RUTILE ET D'ADDITIFS DE CONTROLE POUR LA FABRICATION DE DIOXYDE DE TITANE PAR LE PROCEDE AU CHLORURE**
[72] Hartmann, Achim, DE
[73] KRONOS INTERNATIONAL, INC., DE
[22] 1995-03-14
[30] DE (P4409722.0) 1994-03-22

Canadian Patents Issued
September 28, 1999

[11] 2,145,704
[13] C

[51] Int.Cl. 6H04L 12/56
[25] EN
[54] ASYNCHRONOUS TRANSFER
MODE SWITCH ARCHITECTURE
[54] ARCHITECTURE DE
COMMUTATEUR A MODE DE
TRANSFERT ASYNCHRONE
[72] Cyr, Gregory John, US
[72] Hedlund, Kurt Arnold, US
[72] Nociolo, Lawrence J., US
[72] Pashan, Mark Allen, US
[72] Wong, Albert Kai-Sun, US
[73] AT&T CORP., US
[22] 1995-03-28
[30] US (242,217) 1994-05-13

[11] 2,145,913
[13] C

[51] Int.Cl. 6H04B 10/12 6G06C 3/00
6G02F 2/00
[25] EN
[54] APPARATUS FOR CONVERTING
OPTICAL BIPOLAR SIGNALS TO
OPTICAL UNIPOLAR SIGNALS
[54] APPAREIL DE CONVERSION DE
SIGNAUX LUMINEUX BIPOLAIRES EN
SIGNAUX LUMINEUX UNIPOLAIRES
[72] Miller, David Andrew Barclay, US
[73] AT&T CORP., US
[22] 1995-03-30
[30] US (273,083) 1994-07-08

[11] 2,146,058
[13] C

[51] Int.Cl. 6H02K 1/17 6H02K 3/00
6B66B 11/04
[25] EN
[54] ELEVATOR MOTOR
[54] MOTEUR D'ELEVATEUR
[72] Hakala, Harri, FI
[72] Aulanko, Esko, FI
[72] Mustalahti, Jorma, FI
[73] KONE Oy, FI
[22] 1995-03-31
[30] FI (FI 941596) 1994-04-07

[11] 2,146,317
[13] C

[51] Int.Cl. 6F16L 55/165 6F16L 55/18
[25] EN
[54] INSTALLING PIPES
[54] INSTALLATION DE TUYAUX
[72] Dickson, Dudley Trevor, GB
[72] Cochrane, Colin, GB
[73] BG PLC, GB
[22] 1995-04-04
[30] GB (94 11467.5) 1994-06-08
[30] GB (95 02164.8) 1995-02-03

[11] 2,146,835
[13] C

[51] Int.Cl. 6F24C 7/02 6F24C 7/08
[25] EN
[54] HEATING TIME CONTROL
APPARATUS AND METHOD THEREOF
FOR MICROWAVE OVEN
[54] APPAREIL DE COMMANDE DU
TEMPS DE CHAUFFAGE ET
METHODE CONNEXE POUR FOUR A
MICRO-ONDES
[72] Chai, Eun Sik, KR
[72] Lee, Kwan Ho, KR
[73] LG ELECTRONICS INC., KR
[22] 1995-04-11
[30] KR (34622/1994) 1994-12-16

[11] 2,147,113
[13] C

[51] Int.Cl. 6F16K 31/126 6G05D 16/20
[25] EN
[54] OPTIMAL PNEUMATIC
PRESSURE REGULATOR WITH
ELECTRONIC COMPENSATION
[54] REGULATEUR PNEUMATIQUE
DE PRESSION A COMPENSATION
ELECTRONIQUE
[72] Schegerin, Robert, FR
[73] Schegerin, Robert, FR
[22] 1995-04-13
[30] FR (949451) 1994-04-18

[11] 2,147,714
[13] C

[51] Int.Cl. 6C09D 175/04
[25] EN
[54] LOW VOC, PRIMERLESS,
POLYURETHANE COMPOSITIONS
[54] SUBSTANCES DE
POLYURETHANE SANS PRIMAIRE A
COMPOSE ORGANIQUE A FAIBLE
VOLATILITE
[72] Kausch, Charles M., US
[72] Melby, Earl G., US
[72] Sharma, Satish C., US
[73] GenCorp Inc., US
[22] 1995-04-24
[30] US (08/233,870) 1994-04-26

[11] 2,148,235
[13] C

[51] Int.Cl. 6E03D 11/00 6F16K 31/145
6E03D 1/34
[25] EN
[54] VACUUM TOILET DISCHARGE
VALVE
[54] TOILETTE A ASPIRATION ET
ROBINET DE REFOULEMENT
CONNEXE
[72] Clear, Christopher J., US
[72] Grooms, John M., US
[73] AIRVAC, INC., US
[85] 1995-04-28
[86] 1993-10-28 (PCT/US93/10356)
[87] (WO94/10397)
[30] US (967,454) 1992-10-28

[11] 2,148,293
[13] C

[51] Int.Cl. 6A61F 7/03 6A61M 1/06
[25] EN
[54] HEATING PAD
[54] COUSSIN CHAUFFANT
[72] Silver, Brian, US
[73] Medela, Inc., US
[73] Prism Enterprises, Inc., US
[22] 1995-05-01
[30] US (08/241,160) 1994-05-10

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,148,417**
[13] C

[51] **Int.Cl. 6C07C 271/22 6C07C 269/06 6A61K 7/06 6A61K 31/27 6A61K 7/40 6A61K 7/48**
[25] FR
[54] **DERIVES DE LA SERINE, LEUR PREPARATION ET LEUR UTILISATION DANS DES COMPOSITIONS COSMETIQUES OU DERMATOLOGIQUES**
[54] **SERINE DERIVATIVES; PROCESS FOR PREPARING THEM AND THEIR USE IN COSMETIC AND DERMATOLOGICAL COMPOSITIONS**
[72] Philippe, Michel, FR
[73] L'OREAL, FR
[22] 1995-05-02
[30] FR (94 05 689) 1994-05-09

[11] **2,148,588**
[13] C

[51] **Int.Cl. 6A61F 13/15 6A61F 13/56**
[25] EN
[54] **ABSORBENT ARTICLE HAVING ELASTICIZED SIDE FLAPS AND WINGS**
[54] **ARTICLE ABSORBANT A RABATS LATERAUX ET A AILES ELASTICISES**
[72] Morita, Yasuko, JP
[72] Sageser, David Mark, US
[72] Nesbitt, Daniel Frederick, JP
[73] Procter & Gamble Company (The), US
[85] 1995-05-03
[86] 1993-11-29 (PCT/US93/11502)
[87] (WO94/12135)
[30] US (07/984,071) 1992-11-30
[30] US (08/143,780) 1993-11-04

[11] **2,148,754**
[13] C

[51] **Int.Cl. 6G06K 1/12**
[25] EN
[54] **DEVICE FOR WRITING ON A CARD-SHAPED DATA MEMORY**
[54] **DISPOSITIF D'ENREGISTREMENT POUR CARTES A MEMOIRE**
[72] Miller, Gert, DE
[73] Scheidt & Bachmann GmbH, DE
[22] 1995-05-05
[30] EP (94 10 7176.3) 1994-05-07

[11] **2,149,338**
[13] C

[51] **Int.Cl. 6A61M 25/09**
[25] EN
[54] **LOW PROFILE, COATED, STEERABLE GUIDE WIRE**
[54] **FIL-GUIDE PLAT, RECOUVERT ET ORIENTABLE**
[72] Fleischhacker, Joseph F., Jr., US
[73] Lake Region Manufacturing Co., Inc., US
[85] 1995-05-12
[86] 1993-11-12 (PCT/US93/10887)
[87] (WO94/10907)
[30] US (976,522) 1992-11-16

[11] **2,149,563**
[13] C

[51] **Int.Cl. 6H04B 1/38 6H04R 1/46**
[25] EN
[54] **TRANSMITTER-RECEIVER HAVING EAR-PIECE TYPE ACOUSTIC TRANSDUCING PART**
[54] **EMETTEUR-RECEPTEUR A TRANSDUCTEUR ACOUSTIQUE QUE L'ON INTRODUIT DANS L'OREILLE**
[72] Aoki, Shigeaki, JP
[72] Mitsuhashi, Kazumasa, JP
[72] Nishino, Yutaka, JP
[72] Matsumoto, Kohichi, JP
[72] Yuse, Chikara, JP
[72] Matsui, Hiroyuki, JP
[73] NIPPON TELEGRAPH & TELEPHONE CORPORATION, JP
[22] 1995-05-17
[30] JP (103766/94) 1994-05-18
[30] JP (203977/94) 1994-08-29

[11] **2,149,583**
[13] C

[51] **Int.Cl. 6B31B 1/26 6B31B 1/04 6B31B 1/74**
[25] EN
[54] **PRECONDITIONED PAPERBOARD CONTAINERS AND METHOD AND APPARATUS FOR MAKING THE SAME**
[54] **CONTENANTS EN CARTON PRECONDITIONNES, ET METHODE ET APPAREIL DE FABRICATION**
[72] Aloisi, Robert J., US
[72] Livingston, Arthur, US
[72] Huss, Brian S., US
[73] James River Corporation of Virginia, US
[22] 1995-05-17
[30] US (08/245,544) 1994-05-18

[11] **2,149,710**
[13] C

[51] **Int.Cl. 6G09F 3/02**
[25] EN
[54] **MULTIPLE LABEL CONSTRUCTION HAVING TWO PRESSURE-SENSITIVE COMPOSITES LAMINATED TOGETHER**
[54] **ETIQUETTE MULTIPLE PRESENTANT DEUX COMPOSITES AUTOADHESIFS CONTRECOLLES**
[72] Laszurko, Henry A., CA
[72] Dick, Ian, CA
[73] CCL LABEL, INC., US
[22] 1995-05-18
[30] US (08/349,071) 1994-12-02

[11] **2,150,295**
[13] C

[51] **Int.Cl. 6C01F 17/00 6B01J 13/00 6B01J 23/10**
[25] FR
[54] **COMPOSE DISPERSIBLE A BASE D'UNE TERRE RARE, SUSPENSION COLLOIDALE OBTENUE A PARTIR DE CE COMPOSE, LEURS PROCEDES DE PREPARATION ET UTILISATION A LA FABRICATION DE CATALYSEURS**
[54] **RARE EARTH-BASED DISPERSIBLE COMPOUND, COLLOID SUSPENSION OBTAINED FROM THIS COMPOUND, PROCESSES FOR THEIR PREPARATION AND THEIR USE IN CATALYST PRODUCTION**
[72] Chopin, Thierry, FR
[72] Touret, Olivier, FR
[72] Vilmin, Gabriel, US
[73] RHONE-POULENC CHIMIE, FR
[22] 1995-05-26
[30] FR (94 06 448) 1994-05-27

[11] **2,150,728**
[13] C

[51] **Int.Cl. 6H04B 10/145**
[25] EN
[54] **DATA ENCODED OPTICAL PULSE GENERATOR**
[54] **GENERATEUR D'IMPULSIONS LUMINEUSES ET DE DONNEES CODEES**
[72] Froberg, Nan M., US
[72] Gnauck, Alan H., US
[72] Hansen, Per Bang, US
[72] Harvey, George Treide, US
[72] Raybon, Gregory, US
[73] AT&T CORP., US
[22] 1995-06-05
[30] US (268,394) 1994-06-30

Canadian Patents Issued
September 28, 1999

[11] **2,151,737**
[13] C
[51] **Int.Cl. 6H04J 13/02 6H04B 7/216 6H04B 1/69**
[25] EN
[54] **CORRELATION DETECTOR AND COMMUNICATION APPARATUS**
[54] **DETECTEUR DE CORRELATION ET APPAREIL DE COMMUNICATION**
[72] Dohi, Tomohiro, JP
[72] Sawahashi, Mamoru, JP
[72] Adachi, Fumiyuki, JP
[73] NTT Mobile Communications Network Inc., JP
[85] 1995-06-13
[86] 1994-10-13 (PCT/JP94/01715)
[87] (WO95/10903)
[30] JP (257127/1993) 1993-10-14
[30] JP (142057/1994) 1994-06-23

[11] **2,152,386**
[13] C
[51] **Int.Cl. 6A23J 3/06 6A61K 47/42**
[25] EN
[54] **FATTY INGREDIENT**
[54] **INGREDIENT GRAS**
[72] Bakker, Marinus Adriaan E., NL
[72] Koning, Mettina Maria G., NL
[72] Visser, Johannes, NL
[73] Unilever PLC, GB
[85] 1995-06-21
[86] 1993-12-14 (PCT/EP93/03567)
[87] (WO94/14334)
[30] EP (92204075.3) 1992-12-23

[11] **2,152,712**
[13] C
[51] **Int.Cl. 6C09J 103/02**
[25] EN
[54] **PROCESS FOR PRODUCTION OF STARCH BASED HOT MELT ADHESIVES**
[54] **PROCEDE DE FABRICATION D'ADHESIFS THERMOFUSIBLES A BASE D'AMIDON**
[72] Neigel, Dennis, US
[72] Sweeney, Gregory A., US
[72] Altieri, Paul, US
[72] Paul, Charles W., US
[72] Billmers, Robert L., US
[72] Rawlins, David C., US
[73] ABLESTIK LABORATORIES, US
[22] 1995-06-27
[30] US (08/282,353) 1994-07-29

[11] **2,152,752**
[13] C
[51] **Int.Cl. 6G06F 12/10**
[25] EN
[54] **MULTIPROCESSOR SYSTEM FOR LOCALLY MANAGING ADDRESS TRANSLATION TABLE**
[54] **SYSTEME MULTIPROCESSEUR DE GESTION LOCALE DE TABLES DE TRADUCTION D'ADRESSES**
[72] Yamazaki, Takeshi, JP
[73] NEC Corporation, JP
[22] 1995-06-27
[30] JP (149440/1994) 1994-06-30

[11] **2,152,995**
[13] C
[51] **Int.Cl. 6A61K 7/09**
[25] FR
[54] **PROCEDE POUR LA DEFORMATION PERMANENTE DES MATIERES KERATINIQUES**
[54] **PROCESS FOR THE PERMANENT WARPING OF KERATINIC MATERIALS**
[72] Samain, Henri, FR
[73] L'OREAL, FR
[22] 1995-06-29
[30] FR (94 08 068) 1994-06-30

[11] **2,153,176**
[13] C
[51] **Int.Cl. 6B65D 55/06 6B65D 43/10 6B65D 25/28**
[25] EN
[54] **TAMPER-EVIDENT CONTAINER WITH INTEGRALLY MOLDED HANDLE**
[54] **CONTENEUR POURVU D'UN DISPOSITIF DE DETECTION DE MANIPULATIONS FRAUDULEUSES, AVEC UNE POIGNEE INTEGRALEMENT MOULEE**
[72] Arshinoff, Stephen H., CA
[72] Sturk, Ronald J., CA
[73] Industrial Containers Ltd., CA
[85] 1995-06-30
[86] 1994-11-14 (PCT/CA94/00634)
[87] (WO95/13222)
[30] GB (9323269.2) 1993-11-11

[11] **2,153,330**
[13] C
[51] **Int.Cl. 6H01M 4/42**
[25] EN
[54] **ZINC POWDER FOR ALKALINE BATTERIES**
[54] **POUDRE DE ZINC POUR ACCUMULATEURS ALCALINS**
[72] Meeus, Marcel L., BE
[72] Strauven, Ivan A. J., BE
[73] n.v. Union Miniere s.a., BE
[85] 1995-07-05
[86] 1994-02-16 (PCT/EP94/00449)
[87] (WO94/19502)
[30] BE (09300178) 1993-02-25

[11] **2,154,287**
[13] C
[51] **Int.Cl. 6F24C 7/08**
[25] EN
[54] **SAFETY DEVICE FOR ELECTRONIC RANGE**
[54] **DISPOSITIF DE SECURITE POUR FOUR A MICRO-ONDES**
[72] Lee, Jong Woog, KR
[73] LG Electronics Inc., KR
[22] 1995-07-06
[30] KR (16683/1994) 1994-07-06

[11] **2,154,803**
[13] C
[51] **Int.Cl. 6H04Q 7/36**
[25] EN
[54] **METHOD AND SYSTEM FOR UPDATING REPLICATED DATABASES IN TELECOMMUNICATION NETWORK SYSTEM**
[54] **METHODE ET DISPOSITIF DE MISE A JOUR DE BASES DE DONNEES DUPLIQUEES POUR RESEAU DE TELECOMMUNICATION**
[72] Leung, Kin K., US
[73] AT&T CORP., US
[22] 1995-07-27
[30] US (305,003) 1994-09-13

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,155,917**
[13] C

[51] **Int.Cl. 6E21B 47/06**
[25] EN
[54] **EARLY EVALUATION BY FALL-OFF TESTING**
[54] **EVALUATION PRECOCE PAR ESSAI DE PERTE DE CHARGE**
[72] Schultz, Roger L., US
[72] Beck, H. Kent, US
[72] Ringgenberg, Paul D., US
[72] Hinkie, Ronald L., US
[73] Halliburton Company, US
[22] 1995-08-11
[30] US (08/290,653) 1994-08-15

[11] **2,156,038**
[13] C

[51] **Int.Cl. 6H04Q 7/32 6H04M 11/06**
[25] EN
[54] **RADIO MODEM**
[54] **MODEM RAIDO**
[72] Tanaka, Masahiko, JP
[73] NEC Corporation, JP
[22] 1995-08-14
[30] JP (211740/1994) 1994-08-15

[11] **2,156,062**
[13] C

[51] **Int.Cl. 6H01M 2/02**
[25] EN
[54] **CONTAINER FOR RAPID CHARGED STORAGE BATTERIES**
[54] **CONTENANT POUR BATTERIE D'ACCUMULATEURS A CHARGE RAPIDE**
[72] Stocchiero, Olimpio, IT
[73] Stocchiero, Olimpio, IT
[22] 1994-03-08
[30] IT (VI93A000033) 1993-03-09

[11] **2,157,032**
[13] C

[51] **Int.Cl. 6C07D 413/12 6C07D 473/00 6C07D 471/04 6C07D 487/04 6C07D 495/04 6C07D 513/04 6C07D 491/044 6C07D 413/14 6C07D 417/14 6C07F 9/6558**
[25] EN
[54] **ISOXAZOLIDINEDIONE DERIVATIVE AND USE THEREOF**
[54] **DERIVE D'ISOXAZOLIDINEDIONE ET SON UTILISATION**
[72] Shinkai, Hisashi, JP
[73] Japan Tobacco Inc., JP
[85] 1995-08-25
[86] 1994-12-26 (PCT/JP94/02233)
[87] (WO95/18125)
[30] JP (354385/1993) 1993-12-27

[11] **2,157,068**
[13] C

[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/26 6H04M 3/54**
[25] EN
[54] **APPARATUS AND METHOD FOR MOBILE (E.G., CELLULAR OR WIRELESS) TELEPHONE CALL HANDOVER AND IMPERSONATION**
[54] **APPAREIL ET METHODE DE TRANSFERT D'APPELS ET DE REMPLACEMENT DE POSTE EN TELEPHONIE MOBILE (CELLULAIRE OU SANS FIL)**
[72] Janow, Richard H., US
[72] Aldermeshian, Hrair, US
[72] Day, James Francis, US
[72] Menist, David B., US
[73] AT&T CORP., US
[22] 1995-08-28
[30] US (327,765) 1994-10-24

[11] **2,158,384**
[13] C

[51] **Int.Cl. 6G06F 9/46**
[25] EN
[54] **MULTIMEDIA PROGRAM EDITING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'EDITION DE PROGRAMMES MULTIMEDIAS**
[72] Fraser, Alexander Gibson, US
[73] AT&T CORP., US
[22] 1995-09-15
[30] US (364,629) 1994-12-27

[11] **2,159,565**
[13] C

[51] **Int.Cl. 6H02K 7/106**
[25] EN
[54] **PROCEDURE AND APPARATUS FOR BRAKING A SYNCHRONOUS MOTOR**
[54] **METHODE ET APPAREIL DE FREINAGE D'UN MOTEUR SYNCHRONE**
[72] Hakala, Harri, FI
[72] Aulanko, Esko, FI
[72] Mustalahti, Jorma, FI
[73] KONE Oy, FI
[22] 1995-09-29
[30] FI (FI 944585) 1994-09-30

[11] **2,159,566**
[13] C

[51] **Int.Cl. 6F16L 27/00**
[25] EN
[54] **SWIVEL JOINT ASSEMBLY**
[54] **JOINT A ROTULE**
[72] Ranger, Hubert Martin, CA
[73] Ranger, Hubert Martin, CA
[22] 1995-09-29

[11] **2,159,997**
[13] C

[51] **Int.Cl. 6G08B 21/00 6G01P 13/00 6A62B 18/08**
[25] EN
[54] **PERSONAL ALARM SYSTEM**
[54] **SYSTEME D'ALARME PERSONNEL**
[72] Taylor, William R., US
[73] SCOTT TECHNOLOGIES, INC., US
[85] 1995-10-05
[86] 1994-04-08 (PCT/US94/04065)
[87] (WO94/24646)
[30] US (045,376) 1993-04-09

[11] **2,160,289**
[13] C

[51] **Int.Cl. 6A47L 9/14**
[25] EN
[54] **AN ELECTRIC VACUUM CLEANER**
[54] **UN ASPIRATEUR ELECTRIQUE**
[72] Tomooka, Yutaka, JP
[72] Oka, Yasuhiro, JP
[73] SHARP KABUSHIKI KAISHA, JP
[22] 1995-10-11
[30] JP (6-266858) 1994-10-31
[30] JP (7-33814) 1995-02-22

Canadian Patents Issued
September 28, 1999

[11] 2,160,346
[13] C

[51] Int.Cl. 6B01D 21/00 6B01D 21/01
6B01D 21/06 6B01D 21/24
[25] EN
[54] IMPROVED PRESSURE
DECANTER
[54] DECANTEUR A PRESSION DE
TYPE AMELIORE
[72] Iida, Fusanosuke, JP
[72] Puxley, Donald, CA
[72] Stewart, Fitzgerald, JM
[72] Fulford, George D., CA
[73] ALCAN INTERNATIONAL LIMITED,
CA
[85] 1995-10-11
[86] 1994-05-06 (PCT/CA94/00246)
[87] (WO94/26383)
[30] US (059,445) 1993-05-07

[11] 2,160,383
[13] C

[51] Int.Cl. 6A47L 9/28 6A47L 5/38
[25] FR
[54] DISPOSITIF DE COMMANDE A
DISTANCE POUR CENTRALE
D'ASPIRATION INTEGREE
[54] REMOTE CONTROL DEVICE FOR
AN INTEGRATED SUCTION CLEANER
INSTALLATION
[72] Bousset, Serge, FR
[73] Bousset, Serge, FR
[73] ALDES AERAUQUE, FR
[85] 1995-10-11
[86] 1994-04-08 (PCT/FR94/00398)
[87] (WO94/23633)
[30] FR (93/04588) 1993-04-13

[11] 2,160,436
[13] C

[51] Int.Cl. 6F16L 15/00 6E21B 17/042
[25] FR
[54] ASSEMBLAGE FILETE POUR
TUBES
[54] THREADED TUBE ASSEMBLY
[72] NOEL, Thierry, FR
[72] Tsujimura, Takuya, JP
[73] SUMITOMO METAL INDUSTRIES,
LTD., JP
[73] Vallourec Oil & Gas, FR
[22] 1995-10-12
[30] FR (94 12 441) 1994-10-13

[11] 2,161,166
[13] C

[51] Int.Cl. 6H04M 1/57
[25] EN
[54] METHOD AND APPARATUS FOR
PROVIDING PERSONAL CALLING
IDENTIFICATION AT REMOTE
LOCATIONS
[54] METHODE ET DISPOSITIF
D'IDENTIFICATION A DISTANCE
POUR LES APPELS PERSONNELS
[72] Mocenigo, John Mark, US
[72] Snyder, John J., US
[73] AT&T CORP., US
[22] 1995-10-24
[30] US (347,737) 1994-12-01

[11] 2,161,358
[13] C

[51] Int.Cl. 6G10K 11/175 6H04N 7/15
6H04M 1/20 6H04M 1/60
[25] EN
[54] METHOD AND APPARATUS FOR
MULTI-CHANNEL ACOUSTIC ECHO
CANCELLATION
[54] METHODE ET APPAREIL DE
SUPPRESSION D'ECHOS
ACOUSTIQUES DANS LES SIGNAUX
RECUS D'UNE PLURALITE DE
CANAUX
[72] Shimauchi, Suehiro, JP
[72] Makino, Shoji, JP
[72] Kojima, Junji, JP
[73] NIPPON TELEGRAPH AND
TELEPHONE CORPORATION, JP
[22] 1995-10-25
[30] JP (262738/94) 1994-10-26
[30] JP (50002/95) 1995-03-09

[11] 2,162,516
[13] C

[51] Int.Cl. 6H03M 1/34
[25] EN
[54] AN ANALOG-TO-DIGITAL
CONVERTER CIRCUIT
[54] CIRCUIT CONVERTISSEUR
ANALOGIQUE-NUMERIQUE
[72] Tsumura, Soichi, JP
[73] NEC Corporation, JP
[22] 1995-11-09
[30] JP (315773/94) 1994-11-25

[11] 2,162,965
[13] C

[51] Int.Cl. 6F25D 17/06 6F25D 23/00
6A47F 3/04
[25] EN
[54] REFRIGERATED DISPLAY CASE
APPARATUS WITH AN IMPROVED
AIR FLOW CONTROL AND A
CONTAMINANT CONTROL
APPARATUS
[54] VITRINE REFRIGEREE AVEC
REGULATION AMELIOREE DU DEBIT
D'AIR ET ELIMINATION DES
CONTAMINANTS
[72] McGovern, Christopher, US
[73] Delaware Capital Formation Inc., US
[22] 1995-11-15
[30] US (08/341,722) 1994-11-17

[11] 2,163,275
[13] C

[51] Int.Cl. 6C05G 3/00
[25] EN
[54] CONTROLLED RELEASE
FERTILIZERS UTILIZING AN EPOXY
POLYMER PRIMER COAT AND
METHODS OF PRODUCTION
[54] FERTILISANTS A LIBERATION
PROLONGEE, UTILISANT UNE
COUCHE PRIMAIRE A BASE DE
POLYMER EPOXYDIQUE;
METHODE DE PREPARATION
[72] Hudson, Alice P., US
[73] Lesco, Inc., US
[22] 1995-11-20
[30] US (08/342,808) 1994-11-21

[11] 2,163,735
[13] C

[51] Int.Cl. 6A61F 13/56
[25] EN
[54] ABSORBENT ARTICLES HAVING
A CLOSURE SYSTEM PROVIDING
SUSTAINED DYNAMIC FIT
[54] ARTICLES ABSORBANTS AVEC
SYSTEME DE FERMETURE
ASSURANT UN AJUSTEMENT
DYNAMIQUE PERMANENT
[72] Buell, Kenneth Barclay, US
[72] Lavon, Gary Dean, US
[72] Carlin, Edward Paul, US
[72] Daniels, Dean Jeffrey, US
[73] PROCTER & GAMBLE COMPANY
(THE), US
[85] 1995-11-24
[86] 1994-05-23 (PCT/US94/05787)
[87] (WO94/28841)
[30] US (08/072,274) 1993-06-03

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,164,389**
[13] C

[51] **Int.Cl. 6E01F 5/00 6F16L 1/038
6E03F 3/06 6F16L 27/10 6F16L 13/11**
[25] EN
[54] **FLEXIBLE JOINT FOR A
CULVERT**
[54] **JOINT FLEXIBLE POUR CONDUIT
SOUTERRAIN**
[72] Asanuma, Yoshinori, JP
[73] Seibu Polymer Kasei Kabushiki Kaisha
also known as, JP
[22] 1995-12-04
[30] JP (332043/1994) 1994-12-12

[11] **2,164,475**
[13] C

[51] **Int.Cl. 6B01D 53/26**
[25] EN
[54] **TELESCOPING DESICCANT
CARTRIDGE FOR AN AIR DRYER
DISPOSED IN AN AIR SYSTEM**
[54] **CARTOUCHE DE DESSICATION
TELESCOPIQUE POUR SECHEUR
D'AIR PLACE DANS UN CONDUIT
D'AIR**
[72] Kazakis, Michael V., US
[72] Castle, T. Kevin, US
[73] WESTINGHOUSE AIR BRAKE
COMPANY, US
[22] 1995-12-05
[30] US (08/524,384) 1995-09-06

[11] **2,164,781**
[13] C

[51] **Int.Cl. 6C09D 5/44 6C09D 7/02**
[25] EN
[54] **PIGMENT DISPERSANTS WITH
PRIMARY AMINE FUNCTIONALITY
SUITABLE FOR USE IN CATHODIC
ELECTROCOAT COMPOSITIONS**
[54] **DISPERSANTS POUR PIGMENTS,
AVEC FONCTION AMINE PRIMAIRE,
UTILES POUR COMPOSITIONS DE
RETEVEMENT ELECTROLYTIQUE
CATHODIQUE**
[72] Carpenter, Clint W., US
[72] Hardigan, William D., US
[72] December, Timothy S., US
[73] Basf Corporation, US
[22] 1995-12-08
[30] US (08/360,502) 1994-12-21

[11] **2,165,144**
[13] C

[51] **Int.Cl. 6F24F 11/04 6F24F 13/10**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE
MODULATION DE LA VENTILATION
D'UN LOCAL**
[54] **METHOD AND DEVICE FOR
CUSTOMIZING THE VENTILATION
OF AIR INSIDE AN OCCUPIED SPACE**
[72] Jardinier, Pierre, FR
[73] CONSEILS ÉTUDES ET
RECHERCHES EN GESTION DE L'AIR,
C.E.R.G.A., FR
[22] 1995-12-13
[30] FR (94.15107) 1994-12-15

[11] **2,165,288**
[13] C

[51] **Int.Cl. 6A61F 13/15 6A61F 13/56**
[25] EN
[54] **DISPOSABLE TRAINING PANTS
HAVING A NON-PERFORATED TEAR
LINE THROUGH ELASTIC**
[54] **CULOTTE DE PROPETE
JETABLE COMPORTANT UNE LIGNE
DE SEPARATION NON PERFOREE ET
UN ELASTIQUE**
[72] Bridges, Russell Pearce, US
[72] Golan, James R., US
[72] Lange, Stephen Joseph, US
[72] Madill, Michael Joseph, US
[72] Siegfried, Robert Harris, US
[73] PROCTER & GAMBLE COMPANY
(THE), US
[85] 1995-12-14
[86] 1994-06-13 (PCT/US94/06619)
[87] (WO95/00096)
[30] US (08/083069) 1993-06-25

[11] **2,165,504**
[13] C

[51] **Int.Cl. 6A47C 7/00**
[25] EN
[54] **TABLET ASSEMBLY FOR A
SEATING SYSTEM**
[54] **TABLETTE ESCAMOTABLE POUR
SIEGE**
[72] Bauman, Stephen J., US
[72] Tse, Yung, US
[72] Gunderson, Martin E., US
[72] Finses, Greg R., US
[73] Krueger International, Inc., US
[22] 1995-12-18
[30] US (372,495) 1995-01-13

[11] **2,165,644**
[13] C

[51] **Int.Cl. 6C08F 210/18 6C08F 4/642
6C08F 4/76**
[25] EN
[54] **PROCESS FOR PREPARING
ETHYLENE-.ALPHA.-OLEFIN-
NONCONJUGATED POLYENE
RANDOM COPOLYMER,
COPOLYMER OBTAINED THEREBY,
AND USES OF THE COPOLYMER**
[54] **METHODE DE PREPARATION DE
COPOLYMERE ALEATOIRE
D'ETHYLENE-.ALPHA.-OLEFINE ET
DE POLYENE CONJUGUE;
COPOLYMERE AINSI OBTENUE ET
SON UTILISATION**
[72] Sagane, Toshihiro, JP
[72] Kawasaki, Masaaki, JP
[72] Okada, Keiji, JP
[72] Nakahama, Hidenari, JP
[72] Tojo, Tetsuo, JP
[72] Tsutsui, Toshiyuki, JP
[73] MITSUI CHEMICALS, INC., JP
[22] 1995-12-19
[30] JP (316951/1994) 1994-12-20
[30] JP (59289/1995) 1995-03-17
[30] JP (318400/1995) 1995-12-06

[11] **2,166,275**
[13] C

[51] **Int.Cl. 6C11D 1/29 6C11D 1/12
6C11D 1/37 6C11D 3/37**
[25] EN
[54] **DETERGENT COMPOSITIONS
COMPRISING SOIL RELEASE AGENTS**
[54] **COMPOSITIONS DETERGENTES
RENFERMANT DES AGENTS ANTI-
SALISSURES**
[72] Gosselink, Eugene Paul, US
[72] Pan, Robert Ya-Lin, US
[72] Kellett, Patti Jean, US
[72] Hall, Robin Gibson, GB
[73] PROCTER & GAMBLE COMPANY
(THE), US
[85] 1995-12-28
[86] 1994-02-10 (PCT/US94/01527)
[87] (WO95/02028)
[30] US (088,707) 1993-07-08
[30] US (123,303) 1993-09-17

Canadian Patents Issued
September 28, 1999

[11] * 2,166,447
[13] C

[51] **Int.Cl. 6A61M 16/04**
[25] EN
[54] **MULTI-PURPOSE ADJUSTABLE TUBE HOLDER**
[54] **PORTE-TUBES AJUSTABLES MULTI-USAGE**
[72] James, Lonnie A., Jr., US
[73] James, Lonnie A., Jr., US
[22] 1996-01-02
[30] US (08/549,872) 1995-10-30

[11] 2,166,818
[13] C

[51] **Int.Cl. 6C12N 9/02**
[25] EN
[54] **MELANIN PRODUCTION BY TRANSFORMED ORGANISMS**
[54] **PRODUCTION DE MELANINES PAR DES ORGANISMES TRANSFORMES**
[72] Della-Cioppa, Guy, US
[72] Garger, Stephen J., Jr., US
[72] Chedekel, Miles R., US
[72] Kumagai, Monto H., US
[72] Grill, Laurence K., US
[72] Sverlow, Genadie G., US
[72] Turpen, Thomas H., US
[73] Biosource Technologies, Inc., US
[22] 1991-06-28
[62] 2,086,417
[30] US (545,075) 1990-06-29
[30] US (607,119) 1990-11-02

[11] 2,166,919
[13] C

[51] **Int.Cl. 6G01V 3/24 6G01V 3/20**
[25] EN
[54] **APPARATUS FOR MEASURING RESISTIVITY OF AN EARTH FORMATION USING DELTA-SIGMA DIGITAL SIGNAL GENERATION AND SIGMA-DELTA DIGITAL DETECTION SYSTEM**
[54] **APPAREIL POUR MESURER LA RESISTIVITE D'UNE FORMATION TERRESTRE AU MOYEN DE SIGNAUX NUMERIQUES A MODULATION DELTA-SIGMA ET SYSTEME DE DETECTION DE SIGNAUX NUMERIQUES A MODULATION DELTA-SIGMA**
[72] Fanini, Otto N., US
[72] Fabris, Antonio, US
[73] Western Atlas International, Inc., US
[22] 1996-01-10
[30] US (08/373,409) 1995-01-17

[11] 2,167,494
[13] C

[51] **Int.Cl. 6H02M 3/335**
[25] EN
[54] **DC VOLTAGE REGULATION CIRCUIT**
[54] **CIRCUIT DE REGULATION DE TENSION CONTINUE.**
[72] Karlsson, Bror Mats, SE
[72] Wald, Roland Jan Ellert, SE
[73] Telefonaktiebolaget L M Ericsson, SE
[85] 1996-01-17
[86] 1995-06-02 (PCT/SE95/00638)
[87] (WO95/34122)
[30] SE (9401902-3) 1994-06-02

[11] 2,167,622
[13] C

[51] **Int.Cl. 6A61M 1/06 6A41C 3/04**
[25] EN
[54] **DEVICE AND METHOD FOR SUPPORTING A BREAST SHIELD AND RELATED PUMP EQUIPMENT**
[54] **DISPOSITIF ET METHODE POUR L'INSTALLATION D'UN SUPPORT ET D'UNE POMPE TIRE-LAIT**
[72] Silver, Brian H., US
[72] Weniger, Gotthilf, US
[72] Lockridge, Kathleen A., US
[72] Weston, Richard S., US
[73] Medela, Inc., US
[22] 1996-01-19
[30] US (08/375,977) 1995-01-20
[30] US (08/555,151) 1995-11-08

[11] 2,167,862
[13] C

[51] **Int.Cl. 6H04Q 3/58**
[25] EN
[54] **NETWORK ROUTING CONTROLLED BY A MANAGEMENT NODE CALL**
[54] **ACHEMINEMENT DES APPELS DANS UN RESEAU COMMANDE PAR UN APPEL A UN NOEUD DE GESTION**
[72] Samba, Augustine Sylvester, US
[73] AT&T IPM CORP., US
[22] 1996-01-23
[30] US (394,097) 1995-02-24

[11] 2,168,743
[13] C

[51] **Int.Cl. 6A23G 1/14**
[25] EN
[54] **DEVICE FOR CONCHING CHOCOLATE COMPOUND**
[54] **DISPOSITIF POUR LE CONCHAGE D'UN COMPOSE DE CHOCOLAT**
[72] Callebaut, Frans, BE
[72] Bruyland, Rudy, BE
[73] Callebaut N.V., BE
[85] 1996-02-02
[86] 1994-07-27 (PCT/EP94/02478)
[87] (WO95/04470)
[30] DE (P 43 26 075.6) 1993-08-04

[11] 2,169,575
[13] C

[51] **Int.Cl. 6C09J 123/08 6C09J 193/00 6C09J 191/06 6B31B 1/62**
[25] EN
[54] **LOW APPLICATION TEMPERATURE HOT MELT ADHESIVE**
[54] **ADHESIF THERMOFUSIBLE POUVANT ETRE UTILISE EN BASSE TEMPERATURE**
[72] Stauffer, Daniel C., US
[72] Puletti, Paul P., US
[72] Liedermoooy, Ingrid, US
[72] Birch, Julie, GB
[73] ABLESTIK LABORATORIES, US
[22] 1996-02-15
[30] US (08/390,725) 1995-02-17

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,170,425**
[13] C

[51] **Int.Cl. 6C23F 14/02 6C07C 4/04 6C10G 9/16**
[25] EN
[54] **METHOD FOR PROVIDING A TUBE HAVING COKE FORMATION AND CARBON MONOXIDE INHIBITING PROPERTIES WHEN USED FOR THE THERMAL CRACKING OF HYDROCARBONS**
[54] **METHODE D'OBTENTION D'UN TUBE A PROPRIETES INHIBITRICES DE FORMATION DE COKE ET D'OXYDE DE CARBONE LORSQU'IL EST UTILISE POUR LE THERMOCRAQUAGE D'HYDROCARBURES**
[72] Scharre, Mark D., US
[72] Greenwood, Gil J., US
[72] Harper, Timothy P., US
[72] Reed, Larry E., US
[72] Brown, Ronald E., US
[73] Phillips Petroleum Company, US
[22] 1996-02-27
[30] US (08/409,292) 1995-03-23

[11] **2,170,668**
[13] C

[51] **Int.Cl. 6H04Q 3/58**
[25] EN
[54] **MINIMIZING SERVICE DISRUPTIONS IN HANDLING CALL REQUEST MESSAGES WHERE NEW MESSAGE FORMATS ARE NEEDED IN A TELECOMMUNICATION NETWORK**
[54] **MINIMISATION DES INTERRUPTIONS DE SERVICE DANS LA MANIPULATION DES MESSAGES DE DEMANDE D'APPEL LORSQUE DE NOUVEAUX FORMATS DE MESSAGE SONT NECESSAIRES DANS UN RESEAU DE TELECOMMUNICATION**
[72] Baird, Michael Hamilton, US
[72] Jackson, Dennis Wayne, US
[72] Liou, Ren-Wei, US
[73] AT&T IPM CORP., US
[22] 1996-02-29
[30] US (422,281) 1995-04-14

[11] **2,171,363**
[13] C

[51] **Int.Cl. 6H04M 1/60 6H04M 3/06**
[25] EN
[54] **TELEPHONE WITH USER RECORDED RINGING SIGNAL**
[54] **TELEPHONE A SIGNAL DE SONNERIE ENREGISTRE PAR L'UTILISATEUR**
[72] Cohrs, Paul Wesley, US
[72] Keen, Donald Marion, US
[73] AT&T CORP., US
[22] 1996-03-08
[30] US (452,624) 1995-05-25

[11] **2,172,284**
[13] C

[51] **Int.Cl. 6A61B 3/107 6A61B 3/15**
[25] EN
[54] **PROCESSING OF KERATOSCOPIC IMAGES USING LOCAL SPATIAL PHASE**
[54] **TRAITEMENT D'IMAGES KERATOSCOPIQUES PAR PHASE SPATIALE LOCALE**
[72] Mammone, Richard J., US
[73] TOMEY CO., LTD., JP
[85] 1996-03-20
[86] 1995-06-07 (PCT/US95/07214)
[87] (WO96/04839)
[30] US (287,126) 1994-08-08

[11] **2,172,321**
[13] C

[51] **Int.Cl. 6H04B 17/00 6G01R 17/00 6G01R 17/02 6G01R 25/02**
[25] EN
[54] **METHOD AND APPARATUS FOR TESTING RF DEVICES**
[54] **METHODE ET APPAREIL DE VERIFICATION DE DISPOSITIFS RF**
[72] Herring, Chauncey, US
[72] Heutmaker, Michael S., US
[72] Wu, Eleanor, US
[73] AT&T IPM CORP., US
[22] 1996-03-21
[30] US (434,875) 1995-04-29

[11] **2,172,648**
[13] C

[51] **Int.Cl. 6H04M 3/56 6H04N 7/15**
[25] EN
[54] **VARIABLE COMMUNICATION BANDWIDTH FOR CONFERENCE CALL INITIATION**
[54] **BANDE PASSANTE DONT LA LARGEUR EST REDUITE POUR AMORCER UN APPEL DE CONFERENCE**
[72] Bales, Bruce Merrill, US
[72] Thieler, Stephen Max, US
[73] AT&T IPM CORP., US
[22] 1996-03-26
[30] US (452,458) 1995-05-26

[11] **2,172,650**
[13] C

[51] **Int.Cl. 6H04M 3/42 6H04Q 3/545**
[25] EN
[54] **ADJUSTMENT OF CALL BANDWIDTH DURING A COMMUNICATION CALL**
[54] **AJUSTEMENT DE LA LARGEUR DE BANDE DURANT UN APPEL TELEPHONIQUE**
[72] Bales, Bruce Merrill, US
[72] Thieler, Stephen Max, US
[73] AT&T IPM CORP., US
[22] 1996-03-26
[30] US (451,282) 1995-05-26

[11] **2,172,652**
[13] C

[51] **Int.Cl. 6H01B 11/22**
[25] EN
[54] **COMBINATION FIBER-OPTIC/ELECTRICAL CONDUCTOR WELL LOGGING CABLE**
[54] **CABLE POUR DIAGRAPHIE DE SONDAGE A CONDUCTEUR A FIBRES OPTIQUES ET CONDUCTEUR ELECTRIQUE COMBINES**
[72] Rafie, Saeed, US
[72] Lopez, Josephine, US
[72] Doyle, Mark R., US
[72] Hunziker, James C., US
[72] Ha, Stephen T., US
[73] Western Atlas International, Inc., US
[22] 1996-03-26
[30] US (08/420,662) 1995-04-12

Canadian Patents Issued
September 28, 1999

[11] 2,173,010
[13] C

[51] Int.Cl. 6H04M 1/19 6H04Q 7/32
[25] EN
[54] NOISE CANCELING GRADIENT MICROPHONE
[54] MICROPHONE A GRADIENT SPATIAL ELIMINATEUR DE BRUIT
[72] Baumhauer, John Charles, Jr., US
[72] Marcus, Larry Allen, US
[73] AT&T IPM CORP., US
[22] 1996-03-29
[30] US (438,826) 1995-05-11

[11] 2,173,167
[13] C

[51] Int.Cl. 6H04M 3/54
[25] EN
[54] INTELLIGENT CALL FORWARDING
[54] ACHEMINEMENT INTELLIGENT DES APPELS
[72] Rao, Usha, US
[72] Rubin, Robert Michael, US
[73] AT&T CORP., US
[22] 1996-04-01
[30] US (427,538) 1995-04-24

[11] 2,173,301
[13] C

[51] Int.Cl. 6H04M 3/42 6H04N 7/14
[25] EN
[54] VARIABLE COMMUNICATION BANDWIDTH FOR PROVIDING AUTOMATIC CALL BACK AND CALL HOLD
[54] LARGEUR DE BANDE DE COMMUNICATION VARIABLE POUR LE RAPPEL AUTOMATIQUE ET LA MISE EN ATTENTE DES APPELS
[72] Bales, Bruce Merrill, US
[72] Thieler, Stephen Max, US
[73] AT&T IPM CORP., US
[22] 1996-04-02
[30] US (451,296) 1995-05-26

[11] 2,173,350
[13] C

[51] Int.Cl. 6G01N 11/00 6G01N 19/00 6E21B 49/08 6G01N 33/26
[25] EN
[54] APPARATUS FOR TESTING A SHEAR THICKENING PLUGGING FLUID
[54] APPAREIL DE CONTROLE D'UN FLUIDE COLMATANT A EPAISSISSEMENT SOUS CISAILLEMENT
[72] Sunde, Egil, NO
[72] Johnsen, Hans Konrad, NO
[72] Engan, Tommy, NO
[73] DEN NORSKE STATS OLJESELSKAP A.S., NO
[85] 1996-04-02
[86] 1994-10-11 (PCT/NO94/00163)
[87] (WO95/10764)
[30] NO (933677) 1993-10-12

[11] 2,173,483
[13] C

[51] Int.Cl. 6B23D 61/12
[25] EN
[54] IMPROVED BAND SAW BLADE
[54] LAME DE SCIE A RUBAN AMELIOREE
[72] Korb, William B., US
[72] Holston, James R., US
[73] AMERICAN SAW & MFG. COMPANY, US
[85] 1996-04-03
[86] 1994-11-01 (PCT/IB94/00351)
[87] (WO95/12469)
[30] US (08/144,349) 1993-11-01

[11] 2,173,941
[13] C

[51] Int.Cl. 6A61F 13/15 6B29C 55/08 6B29C 55/20
[25] EN
[54] METHOD AND APPARATUS FOR COMBINING A TENSIONED ELASTIC MEMBER WITH A MOVING SUBSTRATE WEB
[54] PROCEDE ET APPAREIL D'ASSOCIATION D'UN ELEMENT ELASTIQUE TENDU AVEC UNE BANDE DE SUBSTRAT MOBILE
[72] Ball, Walter Kenneth, US
[73] PROCTER & GAMBLE COMPANY (THE), US
[85] 1996-04-11
[86] 1994-09-29 (PCT/US94/11065)
[87] (WO95/11650)
[30] US (08/142,632) 1993-10-25

[11] 2,173,947
[13] C

[51] Int.Cl. 6H04J 3/02 6H04L 12/56
[25] EN
[54] MULTIPLEXING/ DEMULTIPLEXING UNIT ARRANGED ON A MULTI-SURFACE INTEGRATED CIRCUIT
[54] MULTIPLEXEUR/ DEMULTIPLEXEUR MONTE SUR CIRCUIT INTEGRE MULTISURFACE
[72] Buhrgard, Karl Sven Magnus, SE
[72] Jiang, Hao, SE
[73] Telefonaktiebolaget LM Ericsson, SE
[85] 1996-04-11
[86] 1994-10-03 (PCT/SE94/00911)
[87] (WO95/10901)
[30] SE (9303340-5) 1993-10-12

[11] 2,175,853
[13] C

[51] Int.Cl. 6H04J 3/22 6H04Q 11/04
[25] EN
[54] METHOD AND APPARATUS FOR INTERFACING LOW SPEED ACCESS LINKS TO A HIGH SPEED TIME MULTIPLEXED SWITCH FABRIC
[54] METHODE ET APPAREIL D'INTERFACAGE DE LIAISONS D'ACCES A FAIBLE DEBIT ET D'UN COMMUTATEUR A MULTIPLEXAGE TEMPOREL A GRAND DEBIT
[72] Kos, Richard James, US
[72] Pawelski, Robert Lee, US
[73] AT&T CORP., US
[22] 1996-05-06
[30] US (522,216) 1995-08-31

[11] 2,176,496
[13] C

[51] Int.Cl. 6C12N 15/10 6C07H 21/00 6C07H 1/08 6C12Q 1/68
[25] EN
[54] METHOD FOR EXTRACTING NUCLEIC ACIDS FROM A WIDE RANGE OF ORGANISMS
[54] PROCEDE D'EXTRACTION D'ACIDES NUCLEIQUES D'UNE GRANDE VARIETE D'ORGANISMES
[72] Clark, Kathleen A., US
[72] Kacian, Daniel L., US
[73] GEN-PROBE INCORPORATED, US
[85] 1996-05-13
[86] 1994-11-23 (PCT/US94/13400)
[87] (WO95/14768)
[30] US (08/158,940) 1993-11-29

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,176,500**
[13] C

[51] **Int.Cl. 6C07C 35/52 6C07C 45/39 6C07C 49/697**
[25] EN
[54] **PROCESS FOR PREPARING A CHIRAL TETRALONE**
[54] **PROCEDE DE PREPARATION D'UNE TETRALONE CHIRALE**
[72] Quallich, George J., US
[73] PFIZER INC., US
[85] 1996-05-13
[86] 1994-09-02 (PCT/IB94/00263)
[87] (WO95/15299)
[30] US (08/159,156) 1993-11-30

[11] **2,177,587**
[13] C

[51] **Int.Cl. 6A43B 5/04 6A43B 7/14**
[25] EN
[54] **FIT AND SUPPORT SYSTEM FOR THE FOOT**
[54] **SYSTEME DE SUPPORT ET D'ADAPTATION POUR LE PIED**
[72] MacPhail, David M., CA
[73] MacPod Enterprises Ltd., CA
[85] 1996-05-28
[86] 1994-11-29 (PCT/CA94/00644)
[87] (WO95/14400)
[30] US (159,341) 1993-11-29

[11] **2,179,364**
[13] C

[51] **Int.Cl. 6C12M 1/34**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING MICROORGANISMS**
[54] **METHODE ET APPAREIL UTILISES POUR DETECTER LES MICRO-ORGANISMES**
[72] Berndt, Klaus W., US
[73] BECTON, DICKINSON AND COMPANY, US
[22] 1996-06-18
[30] US (08/495,157) 1995-06-27

[11] **2,176,773**
[13] C

[51] **Int.Cl. 6B65H 51/22**
[25] EN
[54] **APPARATUS FOR STORING A VARIABLE QUANTITY OF MOVING STRAND MATERIAL**
[54] **APPAREIL POUR L'EMMAGASINEMENT D'UNE QUANTITE VARIABLE DE FIL TORONNE EN MOUVEMENT**
[72] Josoff, Peter Larry, US
[73] AT&T IPM CORP., US
[22] 1996-05-16
[30] US (496,792) 1995-06-29

[11] **2,178,021**
[13] C

[51] **Int.Cl. 6A61K 31/465 6A61M 37/00 6A61K 9/20 6A61K 9/50**
[25] EN
[54] **TOBACCO SUBSTITUTE**
[54] **PRODUIT DE REMPLACEMENT DU TABAC**
[72] Stanley, Theodore H., US
[72] Hague, Brian I., US
[73] University of Utah Research Foundation, US
[22] 1996-06-03
[30] US (08/636,828) 1996-04-19

[11] **2,179,841**
[13] C

[51] **Int.Cl. 6H01B 11/18**
[25] EN
[54] **COAXIAL CABLE**
[54] **CABLE COAXIAL**
[72] Arroyo, Candido John, US
[73] AT&T CORP., US
[22] 1996-06-25
[30] US (523,701) 1995-09-05

[11] **2,176,846**
[13] C

[51] **Int.Cl. 6F27D 23/00**
[25] EN
[54] **MULTI-LAYER FLUID CURTAINS FOR FURNACE OPENINGS**
[54] **RIDEAUX DE FLUIDE MULTICOUCHE POUR OUVERTURES DES FOURS**
[72] Riley, Michael Francis, US
[72] Nowotarski, Mark Stephen, US
[72] Barlow, Alan Russell, US
[72] Sharma, Sudhir Kumar, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 1992-07-03
[62] 2,073,097
[30] US (07/746,750) 1991-08-19

[11] **2,178,962**
[13] C

[51] **Int.Cl. 6G06K 9/34 6G06K 9/36**
[25] EN
[54] **METHOD OF JOINING HANDWRITTEN INPUT**
[54] **PROCEDE PERMETTANT DE RELIER DES ENTREES MANUSCRITES**
[72] Seybold, John L. C., US
[72] Guzik, Kenneth J., US
[72] Huff, Alan Paul, US
[73] Motorola, Inc., US
[85] 1996-06-13
[86] 1995-11-14 (PCT/US95/14760)
[87] (WO96/15506)
[30] US (08/339,524) 1994-11-14

[11] **2,180,164**
[13] C

[51] **Int.Cl. 6H03H 9/05 6H03B 1/00 6H03B 5/32**
[25] EN
[54] **COMPONENT-MODULE-ADAPTED OSCILLATING CIRCUIT ARRANGEMENT**
[54] **CONFIGURATION DE CIRCUIT OSCILLANT ADAPTEE POUR UN MODULE DE COMPOSANTS**
[72] Hedberg, Mats Olov Joakim, SE
[73] Telefonaktiebolaget LM Ericsson, SE
[85] 1996-06-27
[86] 1994-12-09 (PCT/SE94/01189)
[87] (WO95/18487)
[30] SE (9304307-3) 1993-12-28

[11] **2,180,383**
[13] C

[51] **Int.Cl. 6E03F 5/14 6E03F 5/10**
[25] EN
[54] **RUNOFF AND WASTE-WATER INTERCEPTOR**
[54] **COLLECTEUR D'EAUX DE RUISSELLEMENT ET D'EAUX USEES**
[72] Monteith, Joseph G., CA
[73] STORMCEPTOR CANADA INC., CA
[22] 1996-07-03

Canadian Patents Issued
September 28, 1999

[11] 2,181,091
[13] C

[51] Int.Cl. 6E21B 43/116
[25] EN
[54] DUAL REDUNDANT
DETONATING SYSTEM FOR OIL
WELL PERFORATORS
[54] SYSTEME DETONATEUR
DOUBLE REDONDANT POUR
PERFORATEURS DE PUIITS DE
PETROLE
[72] Bethel, Robert K., US
[72] Ellis, James, US
[72] Grayson, Michael B., US
[73] Western Atlas International, Inc., US
[22] 1996-07-12
[30] US (08/501,480) 1995-07-12

[11] 2,181,351
[13] C

[51] Int.Cl. 6C07D 471/04 6C07D 209/52
[25] EN
[54] PROCESS AND INTERMEDIATES
FOR PREPARING
NAPHTHYRIDONECARBOXYLIC
ACID SALTS
[54] PROCEDE ET INTERMEDIAIRES
DESTINES A LA PREPARATION DE
SELS D'ACIDE
NAPHTYRIDONECARBOXYLIQUE
[72] Braish, Tamim F., US
[72] Fox, Darrell E., US
[72] Rose, Peter R., US
[72] Norris, Timothy, US
[73] PFIZER INC., US
[85] 1996-07-16
[86] 1994-12-12 (PCT/IB94/00410)
[87] (WO95/19361)
[30] US (08/181,942) 1994-01-18

[11] 2,181,362
[13] C

[51] Int.Cl. 6H04B 10/20 6H04L 12/46
[25] EN
[54] INTERCONNECTED PASSIVE
OPTICAL NETWORKS
[54] RESEAUX OPTIQUES PASSIFS
INTERCONNECTES
[72] Tandon, Vivek, GB
[72] Wilby, Mark, GB
[72] Semos, Robert Ernest Vickers, GB
[73] British Telecommunications public
limited company, GB
[85] 1996-07-16
[86] 1995-01-18 (PCT/GB95/00088)
[87] (WO95/19689)
[30] EP (94300347.5) 1994-01-18

[11] 2,181,807
[13] C

[51] Int.Cl. 6H04L 27/00 6H04Q 7/22
[25] EN
[54] WIDEBAND FREQUENCY SIGNAL
DIGITIZER AND METHOD
[54] PROCEDE ET DISPOSITIF DE
NUMERISATION DE FREQUENCES A
LARGE BANDE
[72] Elder, Robert C., US
[73] Motorola, Inc., US
[85] 1996-07-22
[86] 1995-11-22 (PCT/US95/15183)
[87] (WO96/21292)
[30] US (08/366,205) 1994-12-29

[11] 2,181,809
[13] C

[51] Int.Cl. 6H03M 1/12
[25] EN
[54] SPLIT FREQUENCY BAND
SIGNAL DIGITIZER AND METHOD
[54] NUMERISEUR DE SIGNAUX DE
BANDES DE FREQUENCE
SUBDIVISEES ET PROCEDE
[72] Smith, Paul Fielding, US
[72] Pinckley, Danny Thomas, US
[73] Motorola, Inc., US
[85] 1996-07-22
[86] 1995-11-22 (PCT/US95/15295)
[87] (WO96/21280)
[30] US (08/366,347) 1994-12-29

[11] 2,182,126
[13] C

[51] Int.Cl. 6F25J 3/04
[25] EN
[54] CRYOGENIC RECTIFICATION
SYSTEM WITH DUAL PHASE
TURBOEXPANSION
[54] SYSTEME DE RECTIFICATION
CRYOGENIQUE A TURBODETENTE
BIPHASEE
[72] Bonaquist, Dante Patrick, US
[72] Ziemer, John Harold, US
[72] Beddome, Robert Arthur, US
[72] Engels, Cheryl Ann, US
[72] Wulf, James Bragdon, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 1996-07-26
[30] US (08/536,588) 1995-09-29

[11] 2,182,446
[13] C

[51] Int.Cl. 6F04B 49/22 6F04B 49/06
[25] EN
[54] APPARATUS AND METHOD FOR
ELECTRONICALLY CONTROLLING
INLET FLOW AND PREVENTING
BACKFLOW IN A COMPRESSOR
[54] APPAREIL ELECTRONIQUE ET
METHODE PERMETTANT DE
CONTROLLER LE DEBIT A
L'ADMISSION D'UN COMPRESSEUR
ET D'EMPECHER LE RETOUR
[72] Harden, William H., US
[72] Gunn, John T., US
[73] Ingersoll-Rand Company, US
[22] 1996-07-31
[30] US (08/512,379) 1995-08-07

[11] 2,183,399
[13] C

[51] Int.Cl. 6C07C 69/54 6C07C 67/04
[25] FR
[54] PROCEDE DE PREPARATION DE
(METH)ACRYLATE D'ISOBORNYLE
[54] PROCESS FOR PREPARING
ISOBORNYL (METH)ACRYLATE
[72] Riodel, Alain, FR
[73] ELF ATOCHEM S.A., FR
[22] 1996-08-15
[30] FR (FR9509916) 1995-08-18

[11] 2,183,800
[13] C

[51] Int.Cl. 6H04M 3/54 6H04Q 7/24
[25] EN
[54] CALL FORWARDING
TECHNIQUES USING SMART CARDS
[54] METHODES DE RENVOI
D'APPELS UTILISANT DES CARTES A
PUCE
[72] Bartholomew, Steven R., US
[72] Norteman, Stella Yuen-Chi, US
[73] AT&T CORP., US
[22] 1996-08-21
[30] US (526,622) 1995-09-11

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,184,425**
[13] C

[51] **Int.Cl. 6H04M 11/06 6H04L 12/52**
[25] EN
[54] **METHOD AND SYSTEM FOR INTEROPERATING BETWEEN ISDN AND PSTN TRANSPORT FOR ALLOWING SIMULTANEOUS TRANSMISSION OF VOICE AND DATA OVER ONE TELEPHONE LINE**
[54] **METHODE ET SYSTEME D'INTERCONNEXION D'UN RNIS ET D'UN RTPC PERMETTANT LA TRANSMISSION SIMULTANEE DE CONVERSATIONS ET DE DONNEES SUR UNE LIGNE TELEPHONIQUE**
[72] Prestinario, Jerome, US
[72] Dagdeviren, Nuri Ruhi, US
[72] Klein, Kenneth R., US
[72] Pratap, Mahendra, US
[73] AT&T CORP., US
[22] 1996-08-29
[30] US (556,726) 1995-11-13

[11] **2,185,077**
[13] C

[51] **Int.Cl. 6E21B 43/116**
[25] EN
[54] **PERFORATING GUN BRAKE**
[54] **FREIN POUR PERFORATEUR**
[72] Blimke, Ross Arthur, CA
[73] Blimke, Ross Arthur, CA
[22] 1996-09-09

[11] **2,185,095**
[13] C

[51] **Int.Cl. 6A23L 1/0534 6A23D 7/005 6A23D 7/06**
[25] EN
[54] **A CELLULOSE COMPOSITION, ITS PREPARATION, AND ITS USE IN A LIPID**
[54] **COMPOSITION A BASE DE CELLULOSE; PREPARATION ET UTILISATION DANS UN LIPIDE**
[72] McGinley, Emanuel J., US
[72] Venables, Aaron C., US
[73] FMC CORPORATION, US
[85] 1996-09-09
[86] 1995-03-07 (PCT/US95/02748)
[87] (WO95/24130)
[30] US (208,153) 1994-03-08

[11] **2,185,269**
[13] C

[51] **Int.Cl. 6F23Q 9/00 6E21F 7/00**
[25] EN
[54] **FLARE VENT IGNITION ASSEMBLY**
[54] **DISPOSITIF D'ALLUMAGE POUR EVENT DE TORCHE**
[72] Haustein, Kevin, CA
[72] O'Shea, Tom, CA
[73] O'Shea, Judy, CA
[22] 1996-09-11

[11] **2,185,498**
[13] C

[51] **Int.Cl. 6A47L 9/04**
[25] EN
[54] **HAND HELD CLEANER WITH SWIVELING NOZZLE**
[54] **APPAREIL DE NETTOYAGE A MAIN MUNI D'UNE BUSE REGLABLE**
[72] Moine, David W., US
[72] Bilek, Greg A., US
[72] Thomas, Leron R., US
[73] Hoover Company (The), US
[22] 1996-09-13
[30] US (08/565,835) 1995-12-01

[11] **2,185,591**
[13] C

[51] **Int.Cl. 6H04M 1/66 6H04M 15/00**
[25] EN
[54] **CALL HANDLING METHOD FOR CREDIT AND FRAUD MANAGEMENT**
[54] **METHODE DE PRISE EN CHARGE DES APPELS POUR LA GESTION DU CREDIT ET DES FRAUDES**
[72] Jankowitz, Charles M., US
[72] Matula, Valentine C., US
[72] Munson, Gary A., US
[72] Wu, Fang, US
[73] AT&T CORP., US
[22] 1996-09-16
[30] US (562,229) 1995-11-21

[11] **2,185,593**
[13] C

[51] **Int.Cl. 6H04R 1/02 6G06F 3/16**
[25] EN
[54] **PORTABLE LOUDSPEAKER/DIRECTIONAL MICROPHONE PERIPHERAL**
[54] **PERIPHERIQUE PORTATIF A HAUT-PARLEUR**
[72] Marcus, Larry Allen, US
[72] Welsh, Christopher T., US
[73] Lucent Technologies Inc., US
[22] 1996-09-16
[30] US (557,760) 1995-11-13

[11] **2,185,664**
[13] C

[51] **Int.Cl. 6A47K 7/02**
[25] EN
[54] **DUAL TEXTURED IMPLEMENT FOR PERSONAL CLEANSING AND METHOD OF CONSTRUCTION**
[54] **ARTICLE UTILISE POUR L'HYGIENE PERSONNELLE AVEC UNE DOUBLE TEXTURE ET PROCEDE POUR LE REALISER**
[72] Grosogeat, Eric Jean, US
[72] Bausch, Richard Gottfried, US
[72] Girardot, Richard Michael, US
[73] PROCTER & GAMBLE COMPANY (THE), US
[85] 1996-09-16
[86] 1995-01-12 (PCT/US95/00331)
[87] (WO95/26670)
[30] US (08/221,430) 1994-03-31

[11] **2,185,665**
[13] C

[51] **Int.Cl. 6A47K 7/02**
[25] EN
[54] **IMPLEMENT FOR PERSONAL CLEANSING AND METHOD OF CONSTRUCTION**
[54] **USTENSILE DE TOILETTE ET PROCEDE DE MONTAGE**
[72] Girardot, Richard Michael, US
[72] Grosogeat, Eric Jean, US
[72] Yeazell, Charles Gregory, US
[72] Bausch, Richard Gottfried, US
[73] PROCTER & GAMBLE COMPANY (THE), US
[85] 1996-09-16
[86] 1995-03-09 (PCT/US95/03124)
[87] (WO95/26671)
[30] US (08/221,428) 1994-03-31

Canadian Patents Issued
September 28, 1999

[11] 2,186,227
[13] C

[51] **Int.Cl. 6A61F 5/04**
[25] EN
[54] **MULTI-FUNCTIONAL DYNAMIC SPLINT**
[54] **ATTELLE DYNAMIQUE MULTIFONCTIONNELLE**
[72] Patchel, Kenneth A., US
[72] Deharde, Mark, US
[73] Ultraflex Systems, Inc., US
[85] 1996-09-23
[86] 1995-03-22 (PCT/US95/03199)
[87] (WO95/25489)
[30] US (210,763) 1994-03-22

[11] 2,186,358
[13] C

[51] **Int.Cl. 6B21D 31/04 6B23D 25/12**
[25] EN
[54] **APPARATUS FOR CUTTING SHEET MATERIAL**
[54] **APPAREIL DE DECOUPAGE DE MATERIAU EN FEUILLE**
[72] Wood, John David, GB
[72] Smith, David William, GB
[72] Guthrie, Duncan Richard, GB
[73] Sheikh Ghaleb Al Hamad, US
[85] 1996-09-24
[86] 1995-03-27 (PCT/GB95/00670)
[87] (WO95/26838)
[30] GB (9406581.0) 1994-03-31

[11] 2,186,819
[13] C

[51] **Int.Cl. 6H04B 10/16 6H04B 10/18**
[25] EN
[54] **DEVICE FOR AND METHOD OF MODIFYING THE SPECTRAL CHARACTERISTICS OF OPTICAL SIGNALS**
[54] **DISPOSITIF ET METHODE DE MODIFICATION DES CARACTERISTIQUES SPECTRALES DES SIGNAUX LUMINEUX**
[72] Artiglia, Massimo, IT
[72] Ciaramella, Ernesto, IT
[73] CSELT - Centro Studi e Laboratori Telecomunicazioni S.p.A., IT
[22] 1996-09-30
[30] IT (TO 95 A 000782) 1995-10-02

[11] 2,186,920
[13] C

[51] **Int.Cl. 6A01G 9/10**
[25] EN
[54] **PLANT SPROUTING POT**
[54] **POT A GERMINATION**
[72] Park, Hong Ku, US
[73] Park, Hong Ku, US
[22] 1996-10-01
[30] US (08/598,469) 1996-02-08

[11] 2,187,532
[13] C

[51] **Int.Cl. 6E06B 3/70**
[25] EN
[54] **DOOR HAVING SNAP-ON FACADES**
[54] **PORTE A FACADES ENCLIQUETABLES**
[72] Lewis, Richard J., Jr., US
[72] Leist, Alan R., US
[73] CLOPAY BUILDING PRODUCTS COMPANY, INC., US
[85] 1996-10-09
[86] 1995-04-21 (PCT/US95/04855)
[87] (WO95/31627)
[30] US (241,288) 1994-05-11

[11] 2,187,803
[13] C

[51] **Int.Cl. 6A61K 35/48 6C12N 5/06 6C12N 5/08 6A61K 38/13 6A61K 35/39**
[25] EN
[54] **METHODS OF TREATING DISEASE USING SERTOLI CELLS AND ALLOGRAFTS OR XENOGRAFTS**
[54] **PROCEDES DE TRAITEMENT DE MALADIES A L'AIDE DE CELLULES DE SERTOLI ET DES ALLOGREFFES OU XENOGREFFES**
[72] Selawry, Helena P., US
[73] Research Corporation Technologies, Inc., US
[85] 1996-10-11
[86] 1995-04-13 (PCT/US95/04565)
[87] (WO95/28167)
[30] US (08/211,695) 1994-04-13

[11] 2,188,166
[13] C

[51] **Int.Cl. 6A61K 7/42**
[25] EN
[54] **COMPOSITE UV SUNBLOCK COMPOSITIONS**
[54] **COMPOSITIONS COMPOSITES D'ECRAN TOTAL CONTRE LES ULTRAVIOLETS**
[72] Gwozdz, Garry T., US
[72] Micale, Fortunato J., US
[72] Mitchnick, Mark A., US
[73] SUNSMART, INC., US
[73] SUBMICRO ENCAPSULATION TECHNOLOGIES, INC., US
[85] 1996-10-17
[86] 1995-04-20 (PCT/US95/04842)
[87] (WO95/28912)
[30] US (08/231,567) 1994-04-22
[30] US (08/251,740) 1994-06-01

[11] 2,189,176
[13] C

[51] **Int.Cl. 6E01F 15/00**
[25] EN
[54] **HIGHWAY CRASH CUSHION AND COMPONENTS THEREOF**
[54] **AMORTISSEURS D'IMPACT ET COMPOSANTES CONNEXES**
[72] Gertz, David C., US
[72] Oberth, Michael H., US
[72] Machado, John V., US
[72] Stephens, Barry D., US
[73] Energy Absorption Systems, Inc., US
[22] 1996-10-30
[30] US (08/558,109) 1995-11-13

[11] 2,189,202
[13] C

[51] **Int.Cl. 6A23D 9/00**
[25] EN
[54] **STABLE EDIBLE OIL COMPOSITION**
[54] **COMPOSITION COMESTIBLE A BASE D HUILES**
[72] Silkeberg, Alf, ES
[73] Lipidia Holding S.A., LU
[22] 1996-10-30
[30] US (60/006,389) 1995-11-02
[30] US (60/007,737) 1995-11-29
[30] US (08/588,524) 1996-01-18
[30] US (60/007,736) 1995-11-29
[30] US (60/006,990) 1995-11-21

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,189,789**
[13] C

[51] **Int.Cl. 6H02G 9/06**
[25] FR
[54] **LIGNE DE TRANSPORT ELECTRIQUE ENTERREE EQUIPEE D'UN DISPOSITIF DE REFROIDISSEMENT**
[54] **UNDERGROUND HYDRO LINE WITH COOLING DEVICE**
[72] Thuries, Edmond, FR
[73] GEC ALSTHOM T & D S.A., FR
[22] 1996-11-06
[30] FR (95 13 155) 1995-11-07

[11] **2,189,829**
[13] C

[51] **Int.Cl. 6B43K 23/00 6B43K 15/00**
[25] EN
[54] **METHOD FOR FORMING A WRITING INSTRUMENT WITH A COMPRESSIBLE FRICTION COATING AND IMPROVED WRITING INSTRUMENT**
[54] **METHODE UTILISEE POUR FABRIQUER UN INSTRUMENT D'ECRITURE A GAINE COMPRIMABLE**
[72] Melnick, Norman, US
[72] Melnick, David Warren, US
[73] Pentech International Inc., US
[22] 1996-11-07
[30] US (08/599,393) 1995-12-14

[11] **2,190,049**
[13] C

[51] **Int.Cl. 6H02J 7/00 6G07F 15/00 6H04Q 7/32**
[25] EN
[54] **VENDING MACHINE FOR CHARGING A SECONDARY BATTERY OF A MOBILE PHONE**
[54] **DISTRIBUTEUR AUTOMATIQUE SERVANT A CHARGER L'ACCUMULATEUR ELECTRIQUE D'UN TELEPHONE MOBILE**
[72] Inoue, Katsuhiko, JP
[72] Numa, Katsuya, JP
[73] MARUKAN KABUSHIKI KAISHA, JP
[22] 1996-11-12
[30] JP (7-317044) 1995-11-13
[30] JP (8-294081) 1996-11-06
[30] JP (8-294080) 1996-11-06

[11] **2,190,658**
[13] C

[51] **Int.Cl. 6E21B 17/04 6E21B 10/00 6E21B 7/04**
[25] FR
[54] **OUTIL ARTICULE DE FORAGE HINGED DRILLING TOOL**
[72] Leroy, André, BE
[73] Leroy, André, BE
[85] 1996-11-18
[86] 1995-06-14 (PCT/FR95/00779)
[87] (WO95/34741)
[30] FR (94/07551) 1994-06-15

[11] **2,191,108**
[13] C

[51] **Int.Cl. 6C10M 105/32 6C10M 105/42 6C10M 105/44**
[25] EN
[54] **METHOD FOR INCREASING THE ELECTRICAL RESISTIVITY OF HINDERED POLYOL ESTER REFRIGERANT LUBRICANTS**
[54] **METHODE POUR ACCROITRE LA RESISTIVITE ELECTRIQUE DES LUBRIFIANTS DE REFRIGERANTS A BASE D'ESTERS POLYOLIQUES ENCOMBRES**
[72] Schnur, Nicholas E., US
[73] HENKEL CORPORATION, US
[85] 1996-11-22
[86] 1995-05-01 (PCT/US95/05022)
[87] (WO95/32266)
[30] US (08/247,790) 1994-05-23

[11] **2,191,169**
[13] C

[51] **Int.Cl. 6B05B 12/00**
[25] EN
[54] **PNEUMATIC TRIGGER VALVE FOR SPRAY GUN**
[54] **CLAPET PNEUMATIQUE POUR PISTOLET DE PULVERISATION**
[72] Wheeler, Roger D., US
[73] RANSBURG CORPORATION, US
[22] 1996-11-25
[30] US (08/565,298) 1995-11-27

[11] **2,191,380**
[13] C

[51] **Int.Cl. 6B41M 5/20 6B41J 27/18**
[25] EN
[54] **RECORD SHEET USED IN ELECTRO-COAGULATION PRINTING METHOD**
[54] **FEUILLE D'ENREGISTREMENT UTILISEE DANS UNE METHODE D'IMPRESSION PAR ELECTRO-COAGULATION**
[72] Matsunaga, Shigeki, JP
[72] Hattori, Yutaka, JP
[72] Mouri, Toyohisa, JP
[72] Takagi, Toshio, JP
[73] Tokushu Paper Mfg. Co., Ltd., JP
[22] 1996-11-27
[30] JP (310336/1995) 1995-11-29
[30] JP (234097/1996) 1996-09-04

[11] **2,191,856**
[13] C

[51] **Int.Cl. 6A61L 9/20**
[25] EN
[54] **AIR PURIFIER**
[54] **PURIFICATEUR D'AIR**
[72] Monagan, Gerald C., US
[73] Monagan, Gerald C., US
[85] 1996-12-02
[86] 1995-06-01 (PCT/US95/06930)
[87] (WO95/33500)
[30] US (08/252,757) 1994-06-02

[11] **2,193,345**
[13] C

[51] **Int.Cl. 6G10L 7/06 6G10L 7/00**
[25] EN
[54] **SPEECH ENCODING AND DECODING CAPABLE OF IMPROVING A SPEECH QUALITY**
[54] **CODAGE ET DECODAGE DE PAROLES POUVANT AMELIORER LA QUALITE DES PAROLES**
[72] Taguchi, Tetsu, JP
[73] NEC Corporation, JP
[22] 1992-12-15
[30] JP (341429/1991) 1991-12-24

Canadian Patents Issued
September 28, 1999

[11] 2,194,728
[13] C

[51] Int.Cl. 6B08B 3/02 6B08B 5/02
[25] EN
[54] PROCESS FOR PEELING OFF
TEMPORARILY PROTECTING
COATING FILM
[54] PROCEDE POUR ARRACHER DES
PELLICULES DE PROTECTION
TEMPORAIRE
[72] Tojo, Hideaki, JP
[72] Atarashi, Hiroaki, JP
[72] Kurota, Hisashi, JP
[72] Akasaka, Kensaku, JP
[72] Obara, Hideki, JP
[73] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 1997-01-09

[11] 2,194,854
[13] C

[51] Int.Cl. 6E21B 47/04
[25] EN
[54] CASING JOINT DETECTOR
[54] DETECTEUR DE JOINT DE
TUBAGE
[72] Van Steenwyk, Donald H., US
[72] Price, Timothy M., US
[73] Applied Technologies Associates, Inc.,
US
[22] 1997-01-10
[30] US (08/596,458) 1996-02-05

[11] 2,195,011
[13] C

[51] Int.Cl. 6H01Q 13/02
[25] EN
[54] CONICAL CORRUGATED
MICROWAVE FEED HORN
[54] ANTENNE-CORNET RAYONNANT
D'ALIMENTATION EN MICRO-ONDES
ONDULEE ET CONIQUE
[72] Denlinger, Edgar J., US
[72] Fathy, Aly E., US
[72] Rodeffer, Charles E., US
[73] WINEGARD COMPANY, US
[85] 1997-01-13
[86] 1995-07-25 (PCT/US95/10161)
[87] (WO96/04692)
[30] US (282,787) 1994-07-29

[11] 2,195,938
[13] C

[51] Int.Cl. 6H04N 5/913 6H04N 7/167
[25] EN
[54] METHOD OF AND APPARATUS
FOR SCRAMBLING A VIDEO SIGNAL
WITH FULL NETWORK
TRANSMISSION AND RECORDING
CAPABILITY
[54] PROCEDE ET DISPOSITIF
D'EMBROUILLAGE D'UN SIGNAL
VIDEO A TRANSMISSION TOTALE DE
RESEAU ET A CAPACITE
D'ENREGISTREMENT
[72] Ryan, John O., US
[73] MACROVISION CORPORATION, US
[85] 1997-01-24
[86] 1995-07-27 (PCT/US95/09573)
[87] (WO96/05698)
[30] US (287,800) 1994-08-09

[11] 2,196,381
[13] C

[51] Int.Cl. 6F17C 11/00 6B01D 53/04
[25] EN
[54] METHOD OF STORING AND
TRANSPORTING GASES
[54] METHODE DE STOCKAGE ET DE
TRANSPORT DE GAZ
[72] Okui, Toshiharu, JP
[72] Kaneko, Katsumi, JP
[72] Maeda, Yuriko, JP
[73] TOKYO GAS CO., LTD., JP
[22] 1997-01-30
[30] JP (37526/96) 1996-01-31

[11] 2,197,649
[13] C

[51] Int.Cl. 6A23F 5/40 6A23F 5/38
[25] EN
[54] RAPIDLY SOLUBLE FLAVORED
INSTANT COFFEE PRODUCT
[54] PRODUIT POUR CAFE
INSTANTANE RAPIDEMENT
SOLUBLE
[72] STIPP, Gordon Keith, US
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 1997-02-14
[86] 1995-07-20 (PCT/US95/09176)
[87] (WO96/05737)
[30] US (08/296,291) 1994-08-25

[11] 2,197,827
[13] C

[51] Int.Cl. 6B25C 5/00
[25] EN
[54] PROTECTIVE COVER FOR
STAPLE REMOVER
[54] ENVELOPPE PROTECTRICE
POUR DEGRAFEUSE
[72] ARIAS, Arturo G., US
[73] ARIAS, Arturo G., US
[22] 1997-02-18
[30] US (08/684,990) 1996-07-22

[11] 2,199,207
[13] C

[51] Int.Cl. 6G06K 13/07 6G06K 19/07
[25] EN
[54] CARD CONVEYANCE CONTROL
METHOD AND APPARATUS
[54] METHODE ET DISPOSITIF POUR
CONTROLLER LE TRANSFERT DE
CARTES
[72] KOJIMA, Susumu, JP
[72] KIMURA, Yasuyuki, JP
[73] KABUSHIKI KAISHA NIPPON
CONLUX, JP
[22] 1997-03-05
[30] JP (49091/1996) 1996-03-06

[11] 2,200,919
[13] C

[51] Int.Cl. 6B60R 22/34 6B60R 22/18
[25] EN
[54] RETRACTOR ATTACHING
STRUCTURE OF SEAT BELT FOR
VEHICLE
[54] STRUCTURE DE FIXATION D'UN
RETRACTEUR DE CEINTURE DE
SECURITE POUR VEHICULE
[72] MATSUO, Takashi, JP
[73] Suzuki Motor Corporation, JP
[22] 1997-03-25
[30] JP (276757/1996) 1996-10-21

**Brevets canadiens délivrés
28 septembre 1999**

[11] **2,203,943**
[13] C

[51] **Int.Cl. 6A61B 17/70**
[25] EN
[54] **AN APPARATUS FOR RETAINING BONE PORTIONS IN A DESIRED SPATIAL RELATIONSHIP**
[54] **APPAREIL SERVANT A MAINTENIR DES SEGMENTS SELON L'ORGANISATION SPATIALE VOULUE**
[72] SMITH, Aaron C., US
[72] DINELLO, Alex, US
[72] WEFERS, Michael H., US
[72] BENZEL, Edward C., US
[72] YUAN, Hansen A., US
[73] ACROMED CORPORATION, US
[22] 1997-04-29
[30] US (08/656,398) 1996-05-31

[11] **2,205,899**
[13] C

[51] **Int.Cl. 6E06B 3/48 6E06B 3/70**
[25] EN
[54] **SECTIONAL DOOR HAVING MULTIPLE PIECE PANEL SECTIONS**
[54] **PORTE EN SECTIONS COMPORTANT DES SECTIONS DE PANNEAU A ELEMENTS MULTIPLES**
[72] LEIST, Alan R., US
[72] SACHS, William J., Jr., US
[72] LEWIS, Richard J., Jr., US
[73] CLOPAY BUILDING PRODUCTS COMPANY, INC., US
[85] 1997-05-22
[86] 1995-11-27 (PCT/US95/15425)
[87] (WO96/19633)
[30] US (361,994) 1994-12-21

[11] **2,206,456**
[13] C

[51] **Int.Cl. 6G11B 20/10 6G11B 27/00 6G11B 7/013 6G11B 7/24 6G11B 23/36**
[25] EN
[54] **MULTIMEDIA OPTICAL DISC WHICH CONFORMS TO THE MOTION PICTURE RATING SYSTEMS IN A VARIETY OF COUNTRIES AND A REPRODUCING DEVICE FOR SAID DISC**
[54] **DISQUE OPTIQUE MULTIMEDIA CORRESPONDANT A DES SYSTEMES DE DEBIT DIFFERENT DANS DIFFERENTS PAYS, LEUR PROCEDE DE REPRODUCTION ET DISPOSITIF CONCU A CET EFFET**
[72] FUKUSHIMA, Yoshihisa, JP
[72] MIMURA, Hideki, JP
[72] HAGIO, Takeshi, JP
[72] KOZUKA, Masayuki, JP
[72] TSUGA, Kazuhiro, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[73] Kabushiki Kaisha Toshiba, JP
[85] 1997-05-29
[86] 1996-10-07 (PCT/JP96/02923)
[87] (WO97/14151)
[30] JP (7-261750) 1995-10-09

[11] **2,206,864**
[13] C

[51] **Int.Cl. 6C12N 9/58 6A23C 19/032**
[25] EN
[54] **MICROBIALY DERIVED ENZYMES HAVING ENHANCED MILK CLOTTING ACTIVITY AND METHOD OF PRODUCING SAME**
[54] **RENNINE DERIVEE D'UN MICROBE PRESENTANT UNE ACTIVITE DE COAGULATION DU LAIT ACCRUE ET SON PROCEDE DE PRODUCTION**
[72] HARBOE, Marianne Kirsten, DK
[72] KRISTENSEN, Pia Bach, DK
[73] CHR. HANSEN A/S, DK
[85] 1997-06-04
[86] 1995-12-20 (PCT/DK95/00511)
[87] (WO96/19582)
[30] DK (1459/94) 1994-12-21

[11] **2,225,823**
[13] C

[51] **Int.Cl. 6G02C 7/02**
[25] EN
[54] **ASPHERIC PLANO EYEWEAR**
[54] **LUNETTES A VERRES PLANS ASPHERIQUES**
[72] HALL, James, US
[72] HASENAUER, David, US
[72] FECTEAU, Keith, US
[72] DESY, Raoul, US
[72] SALCE, John, US
[73] CABOT SAFETY INTERMEDIATE CORPORATION, US
[85] 1997-12-29
[86] 1997-04-24 (PCT/US97/06122)
[87] (WO97/41483)
[30] US (08/641,901) 1996-05-02
[30] US (08/806,832) 1997-02-26

**Canadian Patents Issued
September 28, 1999**

Canadian Laid-Open Applications

August 29, 1999 - September 11, 1999

Demandes canadiennes mises à la disponibilité du public

29 août 1999 - 11 septembre 1999

[21] **2,224,628**
[13] A1
[51] **Int.Cl. 6G06F 12/14 6G06F 3/02**
[25] EN
[54] **ASHSEC MENU SECURITY**
[54] **MENU DE SECURITE ASHSEC**
[72] ALI, Ashton, CA
[71] ALI, Ashton, CA
[22] 1998-03-03
[43] 1999-09-03

[21] **2,224,637**
[13] A1
[51] **Int.Cl. 6A01K 77/00**
[25] EN
[54] **FISHING NET**
[54] **FILET DE PECHE**
[72] KUSZNER, Henry Tony, CA
[71] KUSZNER, Henry Tony, CA
[22] 1998-03-05
[43] 1999-09-05

[21] **2,225,033**
[13] A1
[51] **Int.Cl. 6A47J 41/02 6A63B 55/00**
6F25D 3/08 6B65D 81/38
[25] EN
[54] **CADDI COOLER**
[54] **PORTE-BOISSONS ISOTHERME**
POUR SAC DE GOLF
[72] WHENHAM, Glenn D., CA
[71] WHENHAM, Glenn D., CA
[22] 1998-03-03
[43] 1999-09-03

[21] **2,224,630**
[13] A1
[51] **Int.Cl. 6A47G 9/00**
[25] EN
[54] **THE UNIVERSAL PILLOW**
[54] **L'OREILLER UNIVERSEL**
[72] ERFANIAN, Parham, CA
[71] ERFANIAN, Parham, CA
[22] 1998-03-03
[43] 1999-09-03

[21] **2,224,750**
[13] A1
[51] **Int.Cl. 6A63B 69/00 6A63B 63/00**
[25] EN
[54] **HOCKEY TARGET CAGE**
[54] **CAGE POUR EXERCICE DE TIR**
AU HOCKEY
[72] PACK, Gordon, CA
[71] PACK, Gordon, CA
[22] 1998-03-02
[43] 1999-09-02

[21] **2,225,037**
[13] A1
[51] **Int.Cl. 6A47B 81/00**
[25] EN
[54] **THE HAIR BOX**
[54] **LA BOITE A CHEVEUX**
[72] BRITTON, Kim A., CA
[71] BRITTON, Kim A., CA
[22] 1998-03-04
[43] 1999-09-04

[21] **2,224,633**
[13] A1
[51] **Int.Cl. 6B60K 31/18 6G05B 13/02**
6G05D 13/62
[25] EN
[54] **CONTROLLED AND SELF**
REGULATING SOUND INTENSITY TO
CONTROL THE SOUND LEVEL OF
SOUND PRODUCING APPARATUS OR
MACHINERY
[54] **MÉTHODE POUR PRÉVENIR LES**
MALADIES CHEZ LES ANIMAUX, ET
FAVORISER
[72] ANANI, Ziad, CA
[71] ANANI, Ziad, CA
[22] 1998-03-04
[43] 1999-09-04

[21] **2,224,751**
[13] A1
[51] **Int.Cl. 6F24F 13/10**
[25] EN
[54] **SELF-ACTUATING HOT AIR**
REGISTER DEFLECTOR AND COVER
[54] **COUVERCLE ET DEFLECTEUR**
AUTOMATIQUE POUR BOUCHE DE
CHALEUR
[72] CHAMPAGNE, Douglas K., CA
[71] CHAMPAGNE, Douglas K., CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,225,048**
[13] A1
[51] **Int.Cl. 6F01L 1/00**
[25] EN
[54] **ATTAIN'S NEW ENGINE PORTS**
AND VALVE TRAINS
[54] **NOUVELLES CULASSES DE**
MOTEUR ET NOUVEAUX DISPOSITIFS
DE COMMANDE DES SOUPAPES
[72] OTTLYK, Nicholas M., CA
[71] OTTLYK, Nicholas M., CA
[22] 1998-03-05
[43] 1999-09-05

[21] **2,225,031**
[13] A1
[51] **Int.Cl. 6B67B 7/16 6B67B 7/20**
[25] EN
[54] **KETCHUP KICKER**
[54] **REPOUSSEUR DE KETCHUP**
[72] CREMASCO, Paolo F., CA
[71] CREMASCO, Paolo F., CA
[22] 1998-03-02
[43] 1999-09-02

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,225,059**
[13] A1

[51] **Int.Cl. 6A61N 5/06**
[25] EN
[54] **INDEPENDENT-FIELD PHOTIC STIMULATOR**
[54] **STIMULATEUR LUMINEUX INTERMITTENT A CHAMPS INDEPENDANTS**
[72] SIEVER, David R., CA
[71] SIEVER, David R., CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,225,062**
[13] A1

[51] **Int.Cl. 6A61M 35/00**
[25] EN
[54] **MENOPAUSE PATCH**
[54] **BANDE ADHESIVE MENOPAUSIQUE**
[72] BERRY-GIROUX, Donna, CA
[71] BERRY-GIROUX, Donna, CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,225,069**
[13] A1

[51] **Int.Cl. 6H04B 1/08**
[25] EN
[54] **AUTOMATIC MUSICAL BATHROOM MUFFLER**
[54] **SILENCIEUX MUSICAL AUTOMATIQUE POUR SALLE DE BAINS**
[72] MOLLBERG, John A., CA
[71] MOLLBERG, John A., CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,225,075**
[13] A1

[51] **Int.Cl. 6G02B 27/02 6G02B 27/22**
[25] EN
[54] **A CLASP-STEREOVIEWER**
[54] **STEREOSCOPE-AGRAFE**
[72] BORCHERS, Perry E., US
[71] BORCHERS, Perry E., US
[22] 1998-03-06
[43] 1999-09-06

[21] **2,225,080**
[13] A1

[51] **Int.Cl. 6G09B 7/06 6G09B 5/00**
[25] EN
[54] **A PROCESS FOR UNIFYING SKILLS-BASED TRAINING COMPONENTS**
[54] **PROCEDE VISANT A REUNIR LES COMPOSANTES DE FORMATION FONDEES SUR LES APTITUDES**
[72] ASKETT, Barry C., CA
[71] ASKETT, Barry C., CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,225,087**
[13] A1

[51] **Int.Cl. 6F42C 19/08 6F42D 3/04**
[25] EN
[54] **ASSEMBLY FOR PERIMETER CONTROL IN ROCK EXCAVATIONS USING DETONATING CORD**
[54] **ASSEMBLAGE POUR LE CONTROLE D'UN PERIMETRE LORS D'EXCAVATION DE ROC UTILISANT DES CORDONS DETONATEURS**
[72] TESKEY, Ron, CA
[72] CUDMORE, Brian, CA
[71] TESKEY, Ron, CA
[71] CUDMORE, Brian, CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,225,095**
[13] A1

[51] **Int.Cl. 6F16L 59/10**
[25] EN
[54] **PROTECTION OF INSULATION APPLIED TO HIGH TEMPERATURE PIPE**
[54] **PROTECTION DE L'ISOLANT APPLIQUE A DES CONDUITS A HAUTE TEMPERATURE**
[72] MacPHERSON, Tom, CA
[71] MacPHERSON, Tom, CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,225,104**
[13] A1

[51] **Int.Cl. 6A41B 1/12**
[25] EN
[54] **SMART SHIRT**
[54] **CHEMISE DE SOIREE CHIC**
[72] DEBLASIO, Felicia, CA
[72] DEBLASIO, Marlon, CA
[71] DEBLASIO, Felicia, CA
[71] DEBLASIO, Marlon, CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,225,110**
[13] A1

[51] **Int.Cl. 6A63F 7/06**
[25] EN
[54] **PIN WELDED IN SOCCER MAN**
[54] **FERRURE DROITE SOUDEE DANS DES FIGURINES DE SOCCER**
[72] RUCCIA, Michael, CA
[71] RUCCIA, Michael, CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,225,818**
[13] A1

[51] **Int.Cl. 6G06F 3/023**
[25] EN
[54] **KEYBOARD**
[54] **CLAVIER**
[72] KLEVE, Robert E., US
[71] KLEVE, Robert E., US
[22] 1998-03-06
[43] 1999-09-06

[21] **2,225,827**
[13] A1

[51] **Int.Cl. 6E02B 15/06 6A01K 79/00**
[25] EN
[54] **POLY BOOM STICK J.R.G.**
[54] **BRAS POLYVALENT J.R.G.**
[72] GILLESPIE, James, CA
[71] GILLESPIE, James, CA
[22] 1998-03-10
[43] 1999-09-10

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,225,845**
[13] A1

[51] **Int.Cl. 6B27G 5/00**
[25] EN
[54] **CUT MASTER**
[54] **TABLE DE COUPE ULTIME**
[72] DE GREGORIO, Gaetano G.D.G., CA
[71] DE GREGORIO, Gaetano G.D.G., CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,225,846**
[13] A1

[51] **Int.Cl. 6E04H 1/12**
[25] EN
[54] **THE MULTI SHED**
[54] **REMISE MULTIFONCTIONNELLE**
[72] WILSON, Ross, CA
[71] WILSON, Ross, CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,225,847**
[13] A1

[51] **Int.Cl. 6A61C 3/02**
[25] EN
[54] **A DIAMOND COATED MILLING CUTTER FOR DENTAL USE**
[54] **OUTIL DE COUPE AVEC REVETEMENT DE DIAMANT POUR USAGE DENTAIRE**
[72] DELLA MORA, Eddy, CA
[71] DELLA MORA, Eddy, CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,225,851**
[13] A1

[51] **Int.Cl. 6B63H 16/20 6B63B 35/71**
[25] EN
[54] **RECUMBENT STYLED SELF PROPELLED WATER VESSEL**
[54] **VEHICULE MARIN AUTOPROPULSE A CONCEPTION ETENDUE**
[72] MONTGOMERY, Michael, CA
[72] COPELAND, Stephen, CA
[72] FLEMING, James, CA
[71] MONTGOMERY, Michael, CA
[71] COPELAND, Stephen, CA
[71] FLEMING, James, CA
[22] 1998-03-10
[43] 1999-09-10

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

[51] **Int.Cl. 6D06F 53/02 6D06F 55/00 6D06F 53/04**
[25] FR
[54] **ENSEMBLE DE CORDE A LINGE A ROTATION SANS FIN**
[54] **ENDLESS CLOTHESLINE SYSTEM**
[72] DESCHESENE, Richard, R.D., CA
[71] DESCHESENE, Richard, R.D., CA
[22] 1998-03-02
[43] 1999-09-02

[21] **2,226,352**
[13] A1

[51] **Int.Cl. 6H01B 17/58 6H05C 1/00 6A01K 3/00**
[25] FR
[54] **ISOLATEUR A LONGUEUR VARIABLE**
[54] **ADJUSTABLE-LENGTH INSULATOR**
[72] JULIEN, JEAN-MARC, CA
[72] LARAMÉE, DENIS, CA
[71] JULIEN, JEAN-MARC, CA
[71] LARAMÉE, DENIS, CA
[22] 1998-03-03
[43] 1999-09-03

[21] **2,226,371**
[13] A1

[51] **Int.Cl. 6A01K 91/16**
[25] FR
[54] **BAS DE LIGNE EN NYLON TRESSE CREUX(FLOTTANT)**
[54] **(FLOATING) HOLLOW-BRAIDED NYLON LEADER**
[72] PELLETIER, Claude, CA
[72] PELLETIER, Michel, CA
[71] PELLETIER, Claude, CA
[71] PELLETIER, Michel, CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,226,374**
[13] A1

[51] **Int.Cl. 6F03G 7/10**
[25] FR
[54] **MOTEUR A MASSE ELASTIQUE**
[54] **SPRINGINESS MASS MOTOR**
[72] SAVARD, Donald, CA
[71] SAVARD, Donald, CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,228,547**
[13] A1

[51] **Int.Cl. 6A01N 59/00 6A01N 25/00**
[25] EN
[54] **METHOD TO MINIMIZE CORROSION IN AQUEOUS SYSTEMS**
[54] **METHODE DE REDUCTION DE LA CORROSION DANS LES SYSTEMES AQUEUX**
[72] ASCOLESE, Charles, US
[71] ASCOLESE, Charles, US
[22] 1998-03-04
[43] 1999-09-04

[21] **2,228,565**
[13] A1

[51] **Int.Cl. 6A41D 13/00 6A41D 1/08**
[25] EN
[54] **ENERGY EXPENDITURE GARMENT**
[54] **VETEMENT DE DEPENSE D'ENERGIE**
[72] DICKER, Timothy P., US
[72] WILKINSON, William T., US
[71] DICKER, Timothy P., US
[71] WILKINSON, William T., US
[22] 1998-03-04
[43] 1999-09-04

[21] **2,228,614**
[13] A1

[51] **Int.Cl. 6A41C 3/00**
[25] EN
[54] **BRA SPORT TOP**
[54] **SOUTIEN-GORGE POUR LA PRATIQUE DU SPORT**
[72] DICKER, Timothy P., US
[71] DICKER, Timothy P., US
[22] 1998-03-04
[43] 1999-09-04

[21] **2,228,690**
[13] A1

[51] **Int.Cl. 6G03B 33/04 6G03B 27/00**
[25] EN
[54] **METHOD FOR PREPARING FULL COLOR POSTERS OF VERY HIGH QUALITY AND SHARPNESS**
[54] **PROCEDE POUR PREPARER DES AFFICHES COULEURS COMPLETES DE TRES GRANDE QUALITE ET DE GRANDE NETTETE**
[72] KOBEL, John O., CA
[71] KOBEL, John O., CA
[22] 1998-03-05
[43] 1999-09-05

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,228,710**
[13] A1

[51] **Int.Cl. 6B68F 1/00**
[25] EN
[54] **METHOD FOR MANUFACTURING A WASHABLE LONG-LASTING LEATHER GARMENT**
[54] **PROCEDE DE CONFECTION D'UN VETEMENT DURABLE EN CUIR LAVABLE**
[72] SKOTIDAKIS, Louis, CA
[71] SKOTTS LEATHER INTERNATIONAL INC., CA
[22] 1998-03-03
[43] 1999-09-03

[21] **2,228,855**
[13] A1

[51] **Int.Cl. 6F41B 15/02 6F21V 33/00**
[25] FR
[54] **KEIBO-LITE**
[54] **KEIBO-LITE NIGHT STICK**
[72] SAMSON, Gabriel, CA
[72] LAGACÉ, Yves, CA
[71] SAMSON, Gabriel, CA
[71] LAGACÉ, Yves, CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,228,930**
[13] A1

[51] **Int.Cl. 6A62B 35/00**
[25] EN
[54] **RESTRAINING HARNESS ASSEMBLY**
[54] **HARNAIS DE CONTENTION**
[72] SANSCARTIER, Réal, CA
[72] BRIARD, Michel, CA
[72] JOLY, Pierre, CA
[71] SANSCARTIER, Réal, CA
[71] BRIARD, Michel, CA
[71] JOLY, Pierre, CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,228,992**
[13] A1

[51] **Int.Cl. 6F01N 1/04**
[25] EN
[54] **MUFFLER SLEEVE, AND METHOD AND APPARATUS FOR MANUFACTURING SAME**
[54] **ENVELOPPE DE SILENCIEUX, ET METHODE ET APPAREIL DE FABRICATION DE CELLE-CI**
[72] ZANZIE, Daniel Edward, US
[71] BAY INDUSTRIES, INC., US
[22] 1998-03-10
[43] 1999-09-10

[21] **2,229,191**
[13] A1

[51] **Int.Cl. 6A45C 3/00 6A45C 3/04 6A45C 13/26**
[25] EN
[54] **ERGONOMIC HAND-HELD SHOPPING BASKET**
[54] **PANIER DE MAGASINAGE MANUEL ERGONOMIQUE**
[72] FLINK, CHRISTOPHER M., US
[71] FLINK, CHRISTOPHER M., US
[22] 1998-03-11
[43] 1999-09-11

[21] **2,229,297**
[13] A1

[51] **Int.Cl. 6A47L 9/00**
[25] FR
[54] **ACCESSOIRE D'ASPIRATEUR CENTRAL**
[54] **CENTRAL VACUUM ACCESSORIES**
[72] MANDEVILLE, Yolande, CA
[71] MANDEVILLE, Yolande, CA
[22] 1998-03-04
[43] 1999-09-04

[21] **2,230,084**
[13] A1

[51] **Int.Cl. 6F23G 5/033 6F23G 5/30**
[25] FR
[54] **INSTALLATION DE VALORISATION ENERGETIQUE DE DECHETS URBAINS ET ASSIMILES**
[54] **REFUSE RECLAMATION FACILITY FOR CONVERTING URBAN AND RELATED WASTE INTO ENERGY**
[72] PEYRELONGUE, Jean-Pierre, FR
[72] MORIN, Jean-Xavier, FR
[71] GEC ALSTHOM STEIN INDUSTRIE, FR
[22] 1998-03-11
[43] 1999-09-11

[21] **2,230,258**
[13] A1

[51] **Int.Cl. 6B60J 11/00**
[25] FR
[54] **POP SHIELD**
[54] **POP SHIELD**
[72] DESROCHERS, Marc, CA
[72] BUGEAUD, Stephane, CA
[71] DESROCHERS, Marc, CA
[71] BUGEAUD, Stephane, CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,230,695**
[13] A1

[51] **Int.Cl. 6B62B 5/04**
[25] EN
[54] **HAND CART BRAKING SYSTEM**
[54] **SYSTEME DE FREINAGE POUR CHARRETTE A BRAS**
[72] WYSE, Gene, US
[71] WYSE, Gene, US
[22] 1998-03-02
[43] 1999-09-02

[21] **2,230,703**
[13] A1

[51] **Int.Cl. 6B29C 45/04 6B29C 45/64**
[25] EN
[54] **APPARATUS FOR REDUCING WEAR ON INJECTION MOULDING GIBS**
[54] **APPAREIL POUR REDUIRE L'USURE DES LARDONS LORS DU MOULAGE PAR INJECTION**
[72] BRITKA, John, CA
[71] ZYGO MOULD LIMITED, CA
[22] 1998-03-02
[43] 1999-09-02

[21] **2,230,731**
[13] A1

[51] **Int.Cl. 6A01G 9/02**
[25] EN
[54] **PLANT CONTAINER**
[54] **JARDINIÈRE A COMPARTIMENTS**
[72] STEFFAN, Margaret, CA
[71] STEFFAN, Margaret, CA
[22] 1998-03-03
[43] 1999-09-03

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,230,736**
[13] A1

[51] **Int.Cl. 6A47B 81/00 6A61J 1/00 6A47F 3/02**
[25] EN
[54] **DISPENSING CABINET**
[54] **ARMOIRE DISTRIBUTRICE**
[72] COBURN, Donald G., CA
[72] SHEPHERD, Charles G., CA
[71] COBURN, Donald G., CA
[71] SHEPHERD, Charles G., CA
[22] 1998-03-03
[43] 1999-09-03

[21] **2,230,737**
[13] A1

[51] **Int.Cl. 6A61C 3/04**
[25] EN
[54] **METHOD OF MOUNTING TOOLS USED IN DENTISTRY**
[54] **METHODE DE MONTAGE DES INSTRUMENTS EMPLOYES DANS LA MEDICINE DENTAIRE**
[72] COBURN, Donald G., CA
[72] COBURN, Andrew, CA
[71] COBURN, Donald G., CA
[71] COBURN, Andrew, CA
[22] 1998-03-03
[43] 1999-09-03

[21] **2,230,739**
[13] A1

[51] **Int.Cl. 6G06F 19/00 6G06F 7/20 6G06F 17/30 6C12Q 1/68**
[25] EN
[54] **METHOD OF IDENTIFICATION OF FUNCTIONAL RNA MOTIFS IN GENOMIC DATA BASES**
[54] **METHODE D'IDENTIFICATION DES MOTIFS STRUCTURAUX ARN FONCTIONNELS DANS LES BASES DE DONNEES GENOMIQUES**
[72] FERBEYRE, Gerardo B., CA
[72] CEDERGREN, Robert J., CA
[72] BOURDEAU, Véronique, CA
[71] UNIVERSITÉ DE MONTRÉAL, CA
[22] 1998-03-03
[43] 1999-09-03

[21] **2,230,741**
[13] A1

[51] **Int.Cl. 6B65G 53/60 6B65G 53/48**
[25] EN
[54] **AIR CONVEYOR SYSTEMS FOR GRANULAR MATERIAL**
[54] **SYSTEME POUR LA SEPARATION DE MATIERES GRANULAIRES A L'AIDE D'UN FLUX D'AIR**
[72] ZAZULA, Bradley, CA
[72] MOONEY, R. Shawn, CA
[71] BRANDT INDUSTRIES, LTD., CA
[22] 1998-03-02
[43] 1999-09-02

[21] **2,230,765**
[13] A1

[51] **Int.Cl. 6E21B 43/34**
[25] EN
[54] **WELLHEAD SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION DE TETES DE PUIITS**
[72] NYKYFORUK, Craig, CA
[71] NYKYFORUK, Craig, CA
[22] 1998-03-02
[43] 1999-09-02

[21] **2,230,772**
[13] A1

[51] **Int.Cl. 6B01J 35/10 6C07C 15/02 6C07C 39/06 6B01J 29/06 6B01J 37/08 6C07C 6/12 6C07C 37/14 6C07C 43/205 6C07C 15/24 6C07C 15/27 6C07C 41/30 6C07C 2/66**
[25] EN
[54] **AROMATIC ALKYLATION WITH A CATALYST CONTAINING AN IMPROVED ZEOLITE BETA**
[54] **ALKYLATION AROMATIQUE EMPLOYANT UN CATALYSEUR A ZEOLITE BETA AMELIORE**
[72] GAJEK, Richard T., US
[72] GAJDA, Gregory J., US
[71] UOP, US
[22] 1998-03-02
[43] 1999-09-02

[21] **2,230,776**
[13] A1

[51] **Int.Cl. 6B67B 7/18 6B67B 3/20**
[25] EN
[54] **JAR AND BOTTLE LID CLOSING AND OPENING DEVICE**
[54] **DISPOSITIF D'ENLEVEMENT ET DE FERMETURE DES COUVERCLES DE BOUTEILLES ET DE BOCAUX**
[72] DELCASTILHO, Raymond A., CA
[72] MCGIVERN, Barbara Jane, CA
[71] DELCASTILHO, Raymond A., CA
[71] MCGIVERN, Barbara Jane, CA
[22] 1998-03-02
[43] 1999-09-02

[21] **2,230,942**
[13] A1

[51] **Int.Cl. 6B05D 1/38 6C25D 11/18**
[25] EN
[54] **METHOD FOR FORMING A PATTERN ON A SURFACE OF AN ALUMINUM EXTRUSION**
[54] **METHODE PERMETTANT DE TRACER UN MOTIF SUR UNE SURFACE D'ALUMINIUM EXTRUDEE**
[72] LU, Tsung-Tai, CH
[71] LU, Tsung-Tai, CH
[22] 1998-03-04
[43] 1999-09-04

[21] **2,230,956**
[13] A1

[51] **Int.Cl. 6H02K 1/00**
[25] EN
[54] **THE COMBINED POWER DRIVEN DEVICE HAVING A THREE-LAYERED ELECTROMECHANICAL STRUCTURE WITH COMMON STRUCTURES**
[54] **UNITE A PUISSANCE CONJUGUEE COMPRENANT UNE STRUCTURE ELECTROMAGNETIQUE A TROIS NIVEAUX ET DES STRUCTURES COMMUNES**
[72] YANG, Tai-Her, TW
[71] YANG, Tai-Her, TW
[22] 1998-03-03
[43] 1999-09-03

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,230,958**
[13] A1

[51] **Int.Cl. 6H02K 1/00**
[25] EN
[54] **THE INTERCROSS COUPLED MAGNETIC CIRCUIT STRUCTURE WITH UNIFORM MAGNETIC RESISTANCE TO ADJUST AIR CLEARANCE**
[54] **STRUCTURE DE CIRCUIT MAGNETIQUE A COUPLAGE INTERCROISE OFFRANT UNE RESISTANCE MAGNETIQUE UNIFORME POUR PERMETTRE L'AJUSTEMENT DU DEGAGEMENT D'AIR**
[72] YANG, Tai-Her, TW
[71] YANG, Tai-Her, TW
[22] 1998-03-03
[43] 1999-09-03

[21] **2,230,983**
[13] A1

[51] **Int.Cl. 6A63F 1/18**
[25] EN
[54] **BLACKJACK PRIMER**
[54] **ASSISTANT POUR JOUEUR DE VINGT-ET-UN**
[72] RICHER, Ned A., US
[72] COLE, Pamela Sue, US
[71] RICHER, Ned A., US
[71] COLE, Pamela Sue, US
[22] 1998-03-03
[43] 1999-09-03

[21] **2,231,005**
[13] A1

[51] **Int.Cl. 6A61K 31/52**
[25] EN
[54] **CYCLIN DEPENDENT KINASE INHIBITOR**
[54] **INHIBITEUR DE KYNASE DEPENDANT DE LA CYCLINE**
[72] HAJDUCH, Marian, CZ
[72] STRNAD, Miroslav, CZ
[72] HAVLICEK, Libor, CZ
[71] HAJDUCH, Marian, CZ
[71] STRNAD, Miroslav, CZ
[71] HAVLICEK, Libor, CZ
[22] 1998-03-04
[43] 1999-09-04

[21] **2,231,079**
[13] A1

[51] **Int.Cl. 6A61K 7/44**
[25] EN
[54] **SUN PROTECTING COSMETIC COMPOSITIONS COMPRISING DERIVATIVES OF DIBENZOYLMETHANE, OF BENZOPHENONE AND OF TRIAZINE**
[54] **COMPOSES COSMETIQUES DE PROTECTION SOLAIRE A BASE DE DIBENZOYLMETHANE, DE BENZOPHENONE ET DE TRIAZINE**
[72] RASPANTI, Giuseppe, IT
[72] MALPEDE, Alverio, IT
[71] 3V SIGMA S.p.A., IT
[22] 1998-03-04
[43] 1999-09-04

[21] **2,231,080**
[13] A1

[51] **Int.Cl. 6A61K 7/44 6A61K 7/06**
[25] EN
[54] **CONCENTRATED SOLUTIONS OF A 1,3,5-TRIAZINE DERIVATIVE SUNSCREEN AND THEIR USE FOR THE PREPARATION OF COSMETIC COMPOSITIONS**
[54] **SOLUTIONS CONCENTREES D'UN ECRAN SOLAIRE A BASE DE 1,3,5-TRIAZINE ET UTILISATION DE CELLES-CI POUR LA PREPARATION DE COMPOSES COSMETIQUES**
[72] MALPEDE, Alverio, IT
[72] RASPANTI, Giuseppe, IT
[71] 3V SIGMA S.p.A., IT
[22] 1998-03-04
[43] 1999-09-04

[21] **2,231,083**
[13] A1

[51] **Int.Cl. 6A61K 7/44**
[25] EN
[54] **SUN PROTECTING COSMETIC COMPOSITIONS COMPRISING DERIVATIVES OF DIBENZOYLMETHANE, OF DIPHENYLCYANOACRYLIC ACID AND OF TRIAZINE**
[54] **COMPOSES COSMETIQUES DE PROTECTION SOLAIRE A BASE DE DIBENZOYLMETHANE, D'ACIDE DIPHENYLCYANOACRYLIQUE ET DE TRIAZINE**
[72] MALPEDE, Alverio, IT
[72] RASPANTI, Giuseppe, IT
[71] 3V SIGMA S.p.A., IT
[22] 1998-03-04
[43] 1999-09-04

[21] **2,231,207**
[13] A1

[51] **Int.Cl. 6H04N 5/765 6G08C 17/00**
[25] EN
[54] **BOOK-TYPE CONTROLLER FOR INTERACTIVE MULTIMEDIA SYSTEM**
[54] **UNITE DE COMMANDE POUR SYSTEME MULTIMEDIA INTERACTIF, SOUS FORME DE LIVRE**
[72] CHANG, King Ting, TW
[71] Golden Card Multimedia Technology Co., Ltd., TW
[22] 1998-03-03
[43] 1999-09-03

[21] **2,231,259**
[13] A1

[51] **Int.Cl. 6B26B 1/00**
[25] EN
[54] **SAFETY SLABBING KNIFE**
[54] **COUTEAU A TRANCHER DE SURETE**
[72] LAVOIE, Richard Charles, CA
[71] AVENOR INC., CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,260**
[13] A1

[51] **Int.Cl. 6H02J 7/00**
[25] EN
[54] **BATTERY EQUALIZER**
[54] **EGALISEUR DE PILES**
[72] DUNFORD, William G., CA
[71] University of British Columbia, CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,268**
[13] A1

[51] **Int.Cl. 6A63F 3/06 6B42D 15/10**
[25] EN
[54] **MULTI PRICE POINT ON-LINE GAME AND METHOD OF PLAYING**
[54] **JEU DE LOTERIE MULTI-PARI EN LIGNE ET METHODE DE JEU**
[72] ALEXOFF, Carl, US
[71] ALEXOFF, Carl, US
[22] 1998-03-05
[43] 1999-09-02
[30] US (09/033,515) 1998-03-02

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,231,288**
[13] A1

[51] **Int.Cl. 6B28C 5/42 6B28C 7/16**
[25] EN
[54] **CONCRETE MIXER AND PUMP**
[54] **MELANGEUR A BETON ET**
POMPE
[72] AZAR, Tony, CA
[71] AZAR, Tony, CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,300**
[13] A1

[51] **Int.Cl. 6C08L 9/02 6C08J 3/24**
[25] EN
[54] **IMPROVED NITRILE POLYMER**
VULCANIZATE AND PROCESS FOR
THE PRODUCTION THEREOF
[54] **VULCANISAT AMELIORE DE**
POLYMERE-NITRILE ET PROCEDE
DE FABRICATION DE CELUI-CI
[72] CAMPOMIZZI, Ezio C., CA
[71] BAYER INC., CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,318**
[13] A1

[51] **Int.Cl. 6A61M 15/00**
[25] FR
[54] **INHALATEUR A Poudre ET A**
AIR COMPRIME
[54] **COMPRESSED AIR INHALATOR**
FOR THE ADMINISTRATION OF
POWDERED MEDICATION
[72] MARCON, Christian, FR
[71] PIERRE FABRE MEDICAMENT, FR
[22] 1998-03-05
[43] 1999-09-05

[21] **2,231,319**
[13] A1

[51] **Int.Cl. 6F25D 23/02**
[25] EN
[54] **REFRIGERATOR DOOR SEAL**
ASSEMBLY
[54] **JOINT D'ETANCHEITE POUR**
PORTE DE REFRIGERATEUR
[72] JEZIOROWSKI, Les, CA
[72] ESTRAVILLO, Arnold, CA
[72] BANICEVIC, Nedo, CA
[72] SIMMONS, Edward George, CA
[71] JEZIOROWSKI, Les, CA
[71] ESTRAVILLO, Arnold, CA
[71] BANICEVIC, Nedo, CA
[71] SIMMONS, Edward George, CA
[22] 1998-03-05
[43] 1999-09-05

[21] **2,231,320**
[13] A1

[51] **Int.Cl. 6B02C 17/16**
[25] EN
[54] **APPARATUS FOR THE HIGH**
ENERGY AND/OR SUPERFINE
MILLING OF SOLIDS AND METHOD
OF OPERATING SAME
[54] **APPAREIL POUR LA MOUTURE**
SURFINE OU A HAUTE ENERGIE DE
SOLIDES - MODE D'EXPLOITATION
DE CET APPAREIL
[72] ZOZ, Henning, DE
[71] ZOZ MASCHINENBAU GMBH, DE
[22] 1998-03-05
[43] 1999-09-05

[21] **2,231,346**
[13] A1

[51] **Int.Cl. 6E04G 11/06**
[25] EN
[54] **TWO-PART COLLAPSIBLE**
CORRUGATED PAPER FORM VOID
[54] **VIDE MOULE DE PAPIER**
CANNELE REPLIABLE, EN DEUX
SEGMENTS
[72] TURNER, Michael L., US
[72] GATES, Robert C., US
[71] TURNER, Michael L., US
[71] GATES, Robert C., US
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,415**
[13] A1

[51] **Int.Cl. 6B65D 25/32 6B44D 3/12**
[25] EN
[54] **PLASTIC EAR COLLAR**
[54] **COLLET DE PLASTIQUE AVEC**
LANGUETTE
[72] MATTHEWS, Glen, CA
[71] CROWN CORK & SEAL CANADA
INC., CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,420**
[13] A1

[51] **Int.Cl. 6A47K 13/00**
[25] EN
[54] **THERAPEUTIC TOILET SEAT**
[54] **SIEGE DE TOILETTE**
THERAPEUTIQUE
[72] ENO, Louis J., CA
[71] ENO, Louis J., CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,454**
[13] A1

[51] **Int.Cl. 6B05C 17/02**
[25] EN
[54] **ADJUSTABLE HANDLE FOR**
EDGING PAINT ROLLER
[54] **MANCHE AJUSTABLE POUR**
ROULEAU D'ANGLE DE PEINTRE
[72] IRVEN, Neil, CA
[71] IRVEN, Neil, CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,470**
[13] A1

[51] **Int.Cl. 6A45C 3/00 6A45C 13/00**
6A45C 3/12
[25] EN
[54] **IMPROVEMENTS IN A SPORTS**
BAG
[54] **AMELIORATIONS D'UN SAC DE**
SPORT
[72] SCHAEFER, Todd, US
[71] SCHAEFER, Todd, US
[22] 1998-03-06
[43] 1999-09-06

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,231,476**
[13] A1

[51] **Int.Cl. 6F23D 14/26 6F23G 7/08 6F23D 14/48**
[25] EN
[54] **IMPROVED PILOT AND NOZZLE ASSEMBLY**
[54] **ASSEMBLAGE AMELIORE COMPRENANT UNE VEILLEUSE D'ALLUMAGE ET UN INJECTEUR**
[72] RAJEWSKI, Robert Karl, CA
[71] RAJEWSKI, Robert Karl, CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,483**
[13] A1

[51] **Int.Cl. 6E04C 3/02**
[25] EN
[54] **JOIST BRACING APPARATUS**
[54] **APPAREIL D'ENTRETOISEMENT DE SOLIVES**
[72] SHAHNAZARIAN, George, CA
[71] MGA Construction Hardware & Steel Fabricating Ltd., CA
[22] 1998-03-06
[43] 1999-09-06

[21] **2,231,579**
[13] A1

[51] **Int.Cl. 6F16K 5/06**
[25] EN
[54] **IMPROVED BALL-TYPE VALVE**
[54] **ROBINET A FLOTTEUR AMELIORE**
[72] HUANG, Hung-Chang, CN
[71] HUANG, Hung-Chang, CN
[22] 1998-03-10
[43] 1999-09-10

[21] **2,231,580**
[13] A1

[51] **Int.Cl. 6H02K 3/30**
[25] EN
[54] **MULTI LAYER INSULATION FOR WINDING ELEMENTS OF D.E.M.S**
[54] **ISOLATION A PLUSIEURS COUCHES POUR ELEMENTS D'ENROULEMENT DE MACHINES DYNAMOELECTRIQUES**
[72] LAFORTUNE, Luc Jean Joseph, CA
[72] DRAPER, Robert Edward, CA
[72] MOORE, Bernard John, CA
[72] BEAPRÉ, Michael, CA
[71] GENERAL ELECTRIC CANADA INC., CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,231,587**
[13] A1

[51] **Int.Cl. 6A01K 97/06 6A01K 91/04**
[25] EN
[54] **APPARATUS FOR STORING, TYING AND DISPENSING FISH HOOKS**
[54] **APPAREIL D'ENTREPOSAGE, D'ENFILAGE ET DE DISTRIBUTION D'HAMECONS**
[72] MARTIN, Dennis R., US
[71] MARTIN, Dennis R., US
[22] 1998-03-10
[43] 1999-09-10

[21] **2,231,594**
[13] A1

[51] **Int.Cl. 6H02G 15/08**
[25] EN
[54] **HOUSING TO HOUSING SPLICE**
[54] **EPISSURE ENTRE BOITIERS**
[72] STABILE, David J., US
[72] DUNHAM, David E., US
[72] PHILIPS, Roger C., Jr., US
[72] DEAN, Michael R., US
[72] LOCATI, Ronald P., US
[72] RADZIK, John R., US
[71] Thomas & Betts International, Inc., US
[22] 1998-03-10
[43] 1999-09-10

[21] **2,231,602**
[13] A1

[51] **Int.Cl. 6B05B 1/06**
[25] EN
[54] **NOZZLE FOR PRODUCING A HIGH-IMPACT LONG-RANGE JET FROM FAN-BLOWN AIR**
[54] **BUSE D'AERATION POUR PRODUIRE UN JET D'AIR HAUTE INTENSITE ET A GRANDE PORTEE EN UTILISANT DE L'AIR PROPULSE PAR UN VENTILATEUR**
[72] DAVIDSON, Kirk John William, CA
[72] DAVIDSON, John Frederick Hayden, CA
[71] DAVIDSON, Kirk John William, CA
[71] DAVIDSON, John Frederick Hayden, CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,231,621**
[13] A1

[51] **Int.Cl. 6C12N 9/10 6C07K 7/06 6G01N 33/573 6C12Q 1/68**
[25] EN
[54] **CONSENSUS SEQUENCE TO IDENTIFY ACYLTRANSFERASE ENZYMES IN PLANTS**
[54] **SEQUENCE CONSENSUS POUR IDENTIFIER LES ENZYMES ACYLTRANSFERASIQUES DANS LES PLANTES**
[72] ST-PIERRE, Benoit, CA
[72] DE LUCA, Vincenzo, CA
[71] Université de Montréal, CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,231,608**
[13] A1

[51] **Int.Cl. 6F16F 15/30 6F01B 31/04**
[25] EN
[54] **MOTORCYCLE FLYWHEEL ASSEMBLY**
[54] **ASSEMBLAGE DE VOLANT-MOTEUR D'UNE MOTOCYCLETTE**
[72] SAKER, Stephan Arne, CA
[71] SAKER, Stephan Arne, CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,231,609**
[13] A1

[51] **Int.Cl. 6F16L 55/40 6E03F 7/00 6F16L 55/11 6F16L 55/18**
[25] EN
[54] **INFLATABLE ICEPIG AND METHOD OF INSTALLING SAME**
[54] **BOUCHON DE GLACE GONFLABLE ET METHODE D'INSTALLATION DE CELUI-CI**
[72] SAVARD, Donald D., CA
[71] PA - PLUG INC., CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,231,614**
[13] A1

[51] **Int.Cl. 6E21B 23/00**
[25] EN
[54] **IMPROVED NO-TURN TOOL**
[54] **OUTIL ANGLE ZERO AMELIORE**
[72] WEBER, James L., CA
[72] TESSIER, Lynn P., CA
[71] ADVANTAGE PRODUCTS INC., CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,231,621**
[13] A1

[51] **Int.Cl. 6C12N 9/10 6C07K 7/06 6G01N 33/573 6C12Q 1/68**
[25] EN
[54] **CONSENSUS SEQUENCE TO IDENTIFY ACYLTRANSFERASE ENZYMES IN PLANTS**
[54] **SEQUENCE CONSENSUS POUR IDENTIFIER LES ENZYMES ACYLTRANSFERASIQUES DANS LES PLANTES**
[72] ST-PIERRE, Benoit, CA
[72] DE LUCA, Vincenzo, CA
[71] Université de Montréal, CA
[22] 1998-03-10
[43] 1999-09-10

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,231,624**
[13] A1

[51] **Int.Cl. 6B29C 47/88 6B29C 47/06 6B29D 23/18**
[25] EN
[54] **PIPE MOLDING APPARATUS WITH AIR FLOAT OF PLASTIC ONTO TAPERED COOLING PLUG**
[54] **APPAREIL DE MOULAGE DE TUYAU AVEC COUSSIN D'AIR POUR FAIRE FLOTTER LE MUR DE PLASTIQUE INTERNE PAR-DESSUS LA SOUPAPE CONIQUE DE REFROIDISSEMENT**
[72] LUPKE, Stefan A., CA
[72] LUPKE, Manfred A. A., CA
[71] LUPKE, Stefan A., CA
[71] LUPKE, Manfred A. A., CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,231,635**
[13] A1

[51] **Int.Cl. 6H05K 7/02**
[25] EN
[54] **DUAL-MODE MICROMETER/MILLIMETER WAVE INTEGRATED CIRCUIT PACKAGE**
[54] **CIRCUIT INTEGRE A GUIDE D'ONDE MICROMETRIQUE-MILLIMETRIQUE A DEUX MODES DE FONCTIONNEMENT**
[72] TZUANG, Ching-Kuang, TW
[71] TZUANG, Ching-Kuang, TW
[22] 1998-03-05
[43] 1999-09-05

[21] **2,231,693**
[13] A1

[51] **Int.Cl. 6B01F 9/08 6B01F 13/02 6E01C 19/10 6B28C 5/20 6B28C 5/46**
[25] EN
[54] **DOUBLE ROTATING MIXING SYSTEM**
[54] **SYSTEME DE MELANGE A DOUBLE ROTATION**
[72] NIEMI, Walter, CA
[71] NIEMI, Walter, CA
[22] 1998-03-10
[43] 1999-09-10

[21] **2,231,701**
[13] A1

[51] **Int.Cl. 6A47C 3/02**
[25] EN
[54] **ROCKING GLIDING CHAIR**
[54] **CHAISE BERCANTE ET A GLISSEMENT**
[72] BELLEFLEUR, Pierre, CA
[72] DESNOYERS, Charles, CA
[71] DUTAILIER INTERNATIONAL INC., CA
[22] 1998-03-09
[43] 1999-09-09

[21] **2,231,706**
[13] A1

[51] **Int.Cl. 6C07F 15/06 6C07F 15/04 6C07C 4/06 6C07F 3/06 6C07F 1/08 6C07C 7/11 6C07C 7/12 6C01B 33/44**
[25] EN
[54] **SUPRAMOLECULAR LAMINATES**
[54] **COMPOSES STRATIFIES SUPRAMOLECULAIRES**
[72] ZAWOROTKO, Michael, CA
[71] SAINT MARY'S UNIVERSITY, CA
[22] 1998-03-05
[43] 1999-09-05

[21] **2,231,707**
[13] A1

[51] **Int.Cl. 6E04G 11/06**
[25] EN
[54] **COLLAPSIBLE CORRUGATED PAPER FORM VOID**
[54] **FORME DE PAPIER ONDULE ESCAMOTABLE**
[72] TURNER, Michael L., US
[72] GATES, Robert C., US
[71] TURNER, Michael L., US
[71] GATES, Robert C., US
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,717**
[13] A1

[51] **Int.Cl. 6C22B 15/14**
[25] EN
[54] **USE OF GASEOUS MIXTURES CONTAINING AN INERT GAS AND AN OXYGEN CONTAINING GAS IN DESULPHURIZATION OF BLISTER COPPER DURING ANODE REFINING**
[54] **EMPLOI DE MELANGES GAZEUX RENFERMANT UN GAZ INERTE ET UN GAZ CONTENANT DE L'OXYGENE POUR LA DESULFURATION DU CUIVRE «BLISTER» PENDANT LE RAFFINEMENT ANODIQUE**
[72] UTIGARD, Torstein, CA
[72] BUSTOS, Alejandro, CA
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,760**
[13] A1

[51] **Int.Cl. 6C22C 38/00 6C23C 2/02 6C21D 8/02**
[25] EN
[54] **COLD-ROLLED STEEL STRIP AND HOT-DIP COATED COLD-ROLLED STEEL STRIP FOR USE AS BUILDING MATERIAL AND MANUFACTURING METHOD THEREOF**
[54] **UTILISATION DE BANDE D'ACIER LAMINE A FROID ET DE BANDE D'ACIER LAMINE A FROID ET ENDUIT PAR IMMERSION A CHAUD COMME MATERIAU DE CONSTRUCTION ET METHODE DE FABRICATION**
[72] FUJITA, Toru, JP
[72] HIGO, Yuichi, JP
[72] HAMANAKA, Seiichi, JP
[71] NISSHIN STEEL CO., LTD., JP
[22] 1998-03-11
[43] 1999-09-11

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,231,856**
[13] A1

[51] **Int.Cl. 6G10D 3/18**
[25] EN
[54] **ADJUSTABLE SHOULDER REST FOR VIOLINS OR THE LIKE**
[54] **SUPPORT D'EPAULE REGLABLE POUR VIOLONS ET INSTRUMENTS ANALOGUES**
[72] van den AKKER, Wilhelmus, CA
[72] CULLUM, Darcy, CA
[71] The Kun Shoulder Rest Inc., CA
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,911**
[13] A1

[51] **Int.Cl. 6G01T 1/164**
[25] EN
[54] **POSITION CALCULATION AND ENERGY CORRECTION IN THE DIGITAL SCINTILLATION CAMERA**
[54] **CALCUL DE LA POSITION ET CORRECTION DE L'ENERGIE DANS LA CAMERA A SCINTILLATION NUMERIQUE**
[72] OLIVIER, Patrick, CA
[72] THERRIEN, Michel, CA
[72] STARK, Iain, CA
[71] IS2 Research Inc., CA
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,922**
[13] A1

[51] **Int.Cl. 6E21B 7/08**
[25] EN
[54] **DOWNHOLE SUB WITH KICK PAD FOR DIRECTIONAL DRILLING**
[54] **RACCORD DE FOND AVEC TAMPON DE CONTRE-COUP POUR FORAGE DIRIGE**
[72] KUTINSKY, David, CA
[72] NOE, Paul, US
[71] Canadian Downhole Drill Systems Inc., CA
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,935**
[13] A1

[51] **Int.Cl. 6G01D 5/12 6G01D 7/00 6G05B 19/04 6G05B 19/048**
[25] EN
[54] **SENSOR CONDITION INDICATING SYSTEM**
[54] **SYSTEME A CAPTEUR INDIQUANT L'ETAT D'UN SYSTEME D'EXPLOITATION**
[72] SIMONS, Richard W., US
[71] HONEYWELL INC., US
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,940**
[13] A1

[51] **Int.Cl. 6A47C 31/08**
[25] EN
[54] **MATTRESS HANDLE AND METHOD OF MAKING**
[54] **POIGNEE DE MATELAS ET METHODE DE FABRICATION**
[72] BURGESS, Garry M., CA
[72] CHEESEMAN, Robert, CA
[72] GUY, Robert H., CA
[71] BURGESS, Garry M., CA
[71] GUY, Robert H., CA
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,945**
[13] A1

[51] **Int.Cl. 6A61J 1/03**
[25] FR
[54] **PILULIER ELECTRONIQUE DE POCHE A COMPARTIMENTS MULTIPLES**
[54] **POCKET-SIZED ELECTRONIC PILL ORGANIZER WITH MULTIPLE COMPARTMENTS**
[72] LAURENT, Hervé, FR
[72] ORIOL, Valérie, FR
[71] BIOSTAT, FR
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,956**
[13] A1

[51] **Int.Cl. 6A47C 17/86 6A47C 23/00**
[25] EN
[54] **BED BASE MATTRESS SUPPORT APPARATUS**
[54] **APPAREIL DE SOUTIEN DE SOMMIER**
[72] EADY, DONALD G., CA
[71] EADY, DONALD G., CA
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,963**
[13] A1

[51] **Int.Cl. 6B60B 7/06**
[25] EN
[54] **WHEEL COVER**
[54] **ENJOLIVEUR DE ROUE**
[72] OKAMOTO, Hiromu, JP
[72] FUJIWARA, Miki, JP
[72] OKAMOTO, Yoshiaki, JP
[71] OKAMOTO, Yoshiaki, JP
[71] OKAMOTO, Hiromu, JP
[71] FUJIWARA, Miki, JP
[22] 1998-03-11
[43] 1999-09-11

[21] **2,231,968**
[13] A1

[51] **Int.Cl. 6A61K 31/465 6B01J 2/00 6A61K 9/12 6A61K 47/26 6A61K 9/72**
[25] EN
[54] **METHOD OF PRODUCING A NICOTINE MEDICAMENT**
[54] **METHODE DE PRODUCTION D'UN MEDICAMENT A BASE DE NICOTINE**
[72] UNKNOWN, ZZ
[71] ZAMEL, Noe, CA
[71] SLUTSKY, Art, CA
[22] 1998-03-11
[43] 1999-09-11

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,232,073**
[13] A1

[51] **Int.Cl. 6A47C 7/72 6H04R 23/00 6A61H 23/02 6B06B 1/12**
[25] EN
[54] **MULTI-SENSE HOME ENTERTAINMENT CHAIR TRANSDUCER SYSTEM**
[54] **TRANSDUCTEUR POUR FAUTEUIL DE DIVERTISSEMENT DOMESTIQUE MULTISENSORIEL**
[72] ROY, Philippe, CA
[72] JACQUES, Michel, CA
[72] BÉRUBÉ, Michel, CA
[71] ROY, Philippe, CA
[71] JACQUES, Michel, CA
[71] BÉRUBÉ, Michel, CA
[22] 1998-03-13
[43] 1999-09-04
[30] US (09/034,266) 1998-03-04

[21] **2,232,111**
[13] A1

[51] **Int.Cl. 6A61J 1/03**
[25] FR
[54] **DISPOSITIF DISTRIBUTEUR MODULAIRE DE POCHE DE MEDICAMENTS**
[54] **MODULAR POCKET MEDICATION-DISPENSER**
[72] ORIOL, Valérie, FR
[72] LAURENT, Hervé, FR
[71] BIOSTAT, FR
[22] 1998-03-11
[43] 1999-09-11

[21] **2,232,114**
[13] A1

[51] **Int.Cl. 6A61J 1/03**
[25] FR
[54] **PROCEDE DE MISE EN OEUVRE D'UN PILULIER ELECTRONIQUE DE POCHE A COMPARTIMENTS MULTIPLES, ET DISPOSITIF DE REDACTION D'ORDONNANCE UTILISE DANS LE PROCEDE**
[54] **UTILIZATION PROCEDURE FOR A MULTI-COMPARTMENTAL ELECTRONIC POCKET PILL-ORGANIZER, AND DEVICE FOR RECORDING PRESCRIPTIONS USED IN THE PROCEDURE**
[72] JAROUSSE, Eric, FR
[72] LAURENT, Hervé, FR
[72] ORIOL, Valérie, FR
[71] BIOSTAT, FR
[22] 1998-03-11
[43] 1999-09-11

[21] **2,232,120**
[13] A1

[51] **Int.Cl. 6A61G 17/00 6A61G 17/007**
[25] EN
[54] **CASKET AND METHOD OF MANUFACTURE**
[54] **CERCUEIL ET METHODE DE FABRICATION**
[72] LAPHAN, Dennis C., US
[72] NETH, William F., US
[72] RITTER, Hans E., US
[72] MAIER, Donald R., US
[72] HANKEL, Bryan M., US
[72] SAAF, Patrick M., US
[71] Batesville Casket Company, Inc., US
[22] 1998-03-16
[43] 1999-09-06
[30] US (09/035,836) 1998-03-06

[21] **2,232,551**
[13] A1

[51] **Int.Cl. 6F25B 29/00 6F25B 49/02**
[25] EN
[54] **REFRIGERATION SYSTEM WITH HEAT RECLAIM AND REMOTE CONDENSOR CONTROLLER**
[54] **SYSTEME FRIGORIFIQUE AVEC RECUPERATION DE CHALEUR ET COMMANDE DE CONDENSEUR A DISTANCE**
[72] DUBÉ, Serge, CA
[71] DUBÉ, Serge, CA
[22] 1998-03-11
[43] 1999-09-11

[21] **2,235,530**
[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04L 12/56**
[25] EN
[54] **BANDWIDTH LOAD CONSIDERATION IN NETWORK ROUTE SELECTION**
[54] **METHODE D'EVALUATION DE LA CHARGE DE BANDE PASSANTE DANS L'ACHEMINEMENT DES DONNEES SUR UN RESEAU**
[72] HOLLOWAY, Mike, CA
[72] BAWA, Satvinder Singh, CA
[72] BROWN, Bruce, CA
[71] Newbridge Networks Corporation, CA
[22] 1998-04-22
[43] 1999-09-04
[30] US (09/034,399) 1998-03-04

[21] **2,235,788**
[13] A1

[51] **Int.Cl. 6F41G 1/54**
[25] EN
[54] **IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION**
[72] GERBER, Peter, CH
[71] OERLIKON CONTRAVES AG, CH
[22] 1998-05-26
[43] 1999-09-09
[30] CH (1998 0553/98) 1998-03-09

[21] **2,236,869**
[13] A1

[51] **Int.Cl. 6B65D 65/46**
[25] EN
[54] **SOLUBLE PACKAGE OR CONTAINER**
[54] **EMBALLAGE OU CONTENEUR SOLUBLE**
[72] KIMEL, Howard, US
[71] KIMEL, Howard, US
[22] 1998-05-04
[43] 1999-09-10
[30] US (09/038,182) 1998-03-10

[21] **2,237,652**
[13] A1

[51] **Int.Cl. 6B28B 1/26**
[25] EN
[54] **A METHOD OF PRODUCING AN INORGANIC MOLDED PRODUCT**
[54] **METHODE DE PRODUCTION D'UN PRODUIT INORGANIQUE MOULE**
[72] KURIHARA, Kazuhiro, JP
[72] HIRAO, Masahiro, JP
[72] IWAMOTO, Yoshimi, JP
[72] KITAGAWA, Kiyohisa, JP
[71] MITSUI WOOD SYSTEMS, INC., JP
[22] 1998-05-14
[43] 1999-09-10
[30] US (09/037,795) 1998-03-10

**Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999**

[21] **2,237,918**
[13] A1

[51] **Int.Cl. 6B09C 1/00**
[25] EN
[54] **TAILING RECLAMATION METHOD INCLUDING CONVERSION OF TAILINGS INTO SOIL SUITABLE FOR PLANT GROWTH**
[54] **METHODE DE VALORISATION DES DECHETS DE MINE, Y COMPRIS LA TRANSFORMATION DE CES DECHETS EN SOL CONVENABLE A LA CROISSANCE DE PLANTES**
[72] JENNINGS, Stuart R., US
[71] THE RESEARCH AND DEVELOPMENT INSTITUTE, INC., US
[22] 1998-05-19
[43] 1999-09-09
[30] US (60/077,315) 1998-03-09

[21] **2,238,905**
[13] A1

[51] **Int.Cl. 6H04N 7/08 6H04N 5/445**
[25] EN
[54] **TRANSMISSION SIGNAL ID FOR ANALOG TELEVISION BROADCASTS**
[54] **IDENTIFICATEUR DE SIGNAL DE TRANSMISSION POUR EMISSIONS ANALOGIQUES DE TELEVISION**
[72] EYER, Mark K., US
[71] GENERAL INSTRUMENT CORPORATION, US
[22] 1998-05-26
[43] 1999-09-03
[30] US (09/034,034) 1998-03-03

[21] **2,239,327**
[13] A1

[51] **Int.Cl. 6B27B 13/08**
[25] EN
[54] **BANDSAW MACHINE**
[54] **DISPOSITIF DE SCIE A RUBAN**
[72] FUJIWARA, Katsutoshi, JP
[71] THE FORESTRY AND FOREST PRODUCTS RESEARCH INSTITUTE, JP
[22] 1998-05-29
[43] 1999-09-06
[30] JP (10-71245) 1998-03-06

[21] **2,240,074**
[13] A1

[51] **Int.Cl. 6A63H 3/33 6A63H 3/50**
[25] EN
[54] **MUSICAL RELIGIOUS DOLL AND SINGING BIBLE NIGHTLIGHT**
[54] **POUPEE MUSICALE AU THEME RELIGIEUX ET VEILLEUSE POUR LECTURE DE LA BIBLE**
[72] LIGGITT, Toni A., US
[71] LIGGITT, Toni A., US
[22] 1998-06-08
[43] 1999-09-03
[30] US (09/033,804) 1998-03-03

[21] **2,240,877**
[13] A1

[51] **Int.Cl. 6H04B 7/185 6H04B 1/18**
[25] EN
[54] **SATELLITE BROADCAST RECEIVER SYSTEMS**
[54] **SYSTEMES DE RECEPTEURS DE RADIODIFFUSION PAR SATELLITE**
[72] BRISKMAN, Robert D., US
[71] CD RADIO INC., US
[22] 1998-07-14
[43] 1999-09-10
[30] US (09/037,926) 1998-03-10

[21] **2,241,235**
[13] A1

[51] **Int.Cl. 6B60T 13/66 6B61C 17/12 6B61H 13/34**
[25] EN
[54] **IMPROVED METHOD OF CONTROLLING 20 PIPE PRESSURE**
[54] **METHODE AMELIOREE DE REGULATION DE LA PRESSION DANS LES TUYAUX**
[72] BALUKIN, Gregory S., US
[72] KETTLE, Paul J., Jr., US
[72] PCSOLAR, David J., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-06-22
[43] 1999-09-04
[30] US (034,592) 1998-03-04

[21] **2,241,238**
[13] A1

[51] **Int.Cl. 6B60T 13/66 6B61C 17/12 6B61H 13/34**
[25] EN
[54] **IMPROVED METHOD OF CONTROLLING BRAKE PIPE PRESSURE**
[54] **METHODE AMELIOREE DE REGULATION DE LA PRESSION DANS LES CONDUITES DE FREIN**
[72] PCSOLAR, David J., US
[72] BALUKIN, Gregory S., US
[72] KETTLE, Paul J., Jr., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-06-22
[43] 1999-09-11
[30] US (038,071) 1998-03-11

[21] **2,241,250**
[13] A1

[51] **Int.Cl. 6F16J 3/02**
[25] EN
[54] **RIBBED DIAPHRAGM**
[54] **DIAPHRAGME NERVURE**
[72] DRAHUSZ, George Jr., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-06-22
[43] 1999-09-10
[30] US (037,613) 1998-03-10

[21] **2,241,589**
[13] A1

[51] **Int.Cl. 6G06K 1/22 6G06F 3/12**
[25] EN
[54] **PERSONALIZATION/BAR CODED TAGS**
[54] **ETIQUETTES DE PERSONNALISATION OU DE CODAGE A BARRES**
[72] MURPHY, Sharon M., US
[71] MOORE U.S.A., INC., US
[22] 1998-03-13
[43] 1999-09-10
[30] US (09/037,924) 1998-03-10

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,241,660**
[13] A1

[51] **Int.Cl. 6F16K 31/126 6F16K 31/02 6B60T 13/68**
[25] EN
[54] **LOW WATTAGE, HIGH FLOW ELECTRICAL CONTROL VALVE**
[54] **VALVE A COMMANDE ELECTRIQUE A HAUT DEBIT ET DE FAIBLE PUISSANCE**
[72] CARROLL, John B., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-06-26
[43] 1999-09-09
[30] US (036,823) 1998-03-09

[21] **2,241,776**
[13] C

[51] **Int.Cl. 6H04B 17/00 6H04B 3/00 6H04N 17/00 6H04N 7/10**
[25] EN
[54] **INGRESS/EGRESS MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION INGRESS/EGRESS**
[72] ZIMMERMAN, Dennis A., US
[71] COMSONICS, INC., US
[22] 1998-06-26
[43] 1999-09-07

[21] **2,242,183**
[13] A1

[51] **Int.Cl. 6B60T 13/66 6B60T 17/04 6B60T 15/36**
[25] EN
[54] **IMPROVEMENT TO BRAKE PIPE CONTROL PORTION TO ENHANCE OPERATION UNDER LOW MAIN RESERVOIR PRESSURE CONDITIONS**
[54] **AMELIORATION DE LA PARTIE DE CONTROLE D'UNE CONDUITE DE FREIN POUR AMELIORER LE FONCTIONNEMENT EN CAS DE BASSE PRESSION DANS LE RESERVOIR PRINCIPAL**
[72] KETTLE, Paul J., Jr., US
[72] SANTORO, Ralph Jr., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-07-03
[43] 1999-09-10
[30] US (038,176) 1998-03-10

[21] **2,242,987**
[13] A1

[51] **Int.Cl. 6A41G 5/00 6A41G 3/00 6D06P 5/00**
[25] EN
[54] **COLORED HAIR MANUFACTURING PROCESS AND COLORED HAIR THUS MANUFACTURED**
[54] **PROCEDE DE CONFECTION DE CHEVEUX COLORES ET LES CHEVEUX COLORES AINSI CONFECTIONNES**
[72] SATOH, Toshihiko, JP
[71] ADERANS CO., LTD., JP
[22] 1998-07-13
[43] 1999-09-03
[30] JP (10-50932 (50932/1998)) 1998-03-03

[21] **2,243,132**
[13] A1

[51] **Int.Cl. 6B01F 15/06 6F26B 11/04 6E01C 19/45 6B28C 5/46**
[25] EN
[54] **MULTIPLE DRUM MIXING SYSTEM**
[54] **SYSTEME DE MALAXAGE A MULTIPLES TAMBOURS**
[72] NIEMI, Walter, CA
[71] NIEMI, Walter, CA
[22] 1998-07-10
[43] 1999-09-10
[30] CA (2,231,693) 1998-03-10

[21] **2,243,192**
[13] A1

[51] **Int.Cl. 6F02M 55/02 6B29C 45/14**
[25] EN
[54] **COMMON RAIL AND METHOD OF MANUFACTURING THE SAME**
[54] **RAIL COMMUN ET PROCEDE DE FABRICATION**
[72] WATANABE, Eiji, JP
[72] USUI, Masayoshi, JP
[72] ASADA, Kikuo, JP
[72] TAKIKAWA, Kazunori, JP
[72] KUSANAGI, Ryuichi, JP
[71] USUI KOKUSAI SANGYO KAISHA LIMITED, JP
[22] 1998-07-14
[43] 1999-09-02
[30] JP (10-66251) 1998-03-02
[30] JP (10-66252) 1998-03-02

[21] **2,243,588**
[13] A1

[51] **Int.Cl. 6E01H 5/02**
[25] EN
[54] **GIANT SNOW FLOAT**
[54] **PELLE A NEIGE GEANTE**
[72] ANDERSON, Torrence C., US
[72] ROSINE, Lyle A., US
[72] WHITEHEAD, Stephen P., US
[71] SUNCAST CORPORATION, US
[22] 1998-07-21
[43] 1999-09-10
[30] US (09/037,891) 1998-03-10

[21] **2,243,690**
[13] A1

[51] **Int.Cl. 6G01V 3/11**
[25] EN
[54] **METAL DETECTOR TARGET IDENTIFICATION USING FLASH PHASE ANALYSIS**
[54] **IDENTIFICATION DE CIBLE A DETECTEUR DE METAL UTILISANT L'ANALYSE DE LA PHASE D'ECLAIR**
[72] EARLE, John L., US
[71] WHITE'S ELECTRONICS, INC., US
[22] 1998-07-22
[43] 1999-09-11
[30] US (60/077,786) 1998-03-11

[21] **2,245,284**
[13] A1

[51] **Int.Cl. 6A47C 7/60 6A47C 1/024**
[25] EN
[54] **CHAIR WITH TILT LIMITER**
[54] **FAUTEUIL EQUIPE D'UN LIMITEUR D'INCLINAISON**
[72] KURTZ, Eric J., US
[71] HON TECHNOLOGY INC., US
[22] 1998-08-10
[43] 1999-09-11
[30] US (09/038,530) 1998-03-11

[21] **2,245,417**
[13] A1

[51] **Int.Cl. 6H04M 1/21 6G06F 17/20**
[25] EN
[54] **TRANSLATOR**
[54] **TRADUCTEUR**
[72] SCARANO, Anthony James, US
[71] SCARANO, Anthony James, US
[22] 1998-08-24
[43] 1999-09-10
[30] US (09/037,832) 1998-03-10

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,246,992**
[13] A1
[51] **Int.Cl. 6A61L 15/28 6A61F 13/02 6A61L 15/42**
[25] EN
[54] **ANTI-ADHESION CELLULOSE ACETATE WOUND DRESSING**
[54] **PANSEMENT ANTIADHESIF A ACETATE DE CELLULOSE**
[72] CHEN, John C., US
[72] SODEN, Kevin J., US
[71] CELANESE ACETATE LLC, US
[22] 1998-09-15
[43] 1999-09-05
[30] US (09/035,484) 1998-03-05

[21] **2,248,461**
[13] A1
[51] **Int.Cl. 6A42B 3/20 6A42B 3/06**
[25] EN
[54] **PROTECTIVE HELMET AND EYE PROTECTOR ASSEMBLY HAVING FABRIC PANEL FORMING FABRIC COVER FOR EYE PROTECTOR**
[54] **CASQUE PROTECTEUR ET DISPOSITIF PROTECTEUR DES YEUX COMPRENANT UN PANNEAU EN TISSU POUR RECOUVRIR LE DISPOSITIF PROTECTEUR EN POSITION DE RANGEMENT**
[72] GRILLIOT, William L., US
[72] GRILLIOT, Mary I., US
[71] GRILLIOT, William L., US
[71] GRILLIOT, Mary I., US
[22] 1998-09-28
[43] 1999-09-03
[30] US (09/033,640) 1998-03-03

[21] **2,248,489**
[13] A1
[51] **Int.Cl. 6C10M 169/04 6C10M 143/00**
[25] EN
[54] **WATER-FREE RELEASE/LUBRICATING AGENTS FOR TREATING THE WALLS OF A DIE FOR ORIGINAL SHAPING OR RESHAPING**
[54] **AGENTS LUBRIFICATEURS/DEMOULANTS ANHYDRES POUR LE TRAITEMENT DES PAROIS D'UNE FILIERE POUR PROFILAGE OU REPROFILAGE ORIGINAL**
[72] KOK, Douwe Marten, NL
[72] GANKEMA, Harold, NL
[71] ACHESON INDUSTRIES, INC., US
[22] 1998-09-24
[43] 1999-09-09
[30] DE (19810031.0) 1998-03-09

[21] **2,248,640**
[13] A1
[51] **Int.Cl. 6B29C 33/58**
[25] EN
[54] **PROCESS AND DEVICE FOR PREPARING THE WALLS OF A MOLD FOR MOLDING OR SHAPING TO MAKE THEM READY FOR THE NEXT MOLDING CYCLE, SPRAY ELEMENT WITH CENTRIFUGAL ATOMIZATION AND AIR CONTROL, AND USE OF THIS SPRAY ELEMENT FOR SPRAYING ESSENTIALLY SOLVENT-FREE MOLD WALL TREATMENT AGENT**
[54] **PROCEDE ET DISPOSITIF POUR LA PREPARATION DES PAROIS D'UN MOULE POUR MOULAGE OU PROFILAGE EN VUE DU PROCHAIN CYCLE DE MOULAGE, ELEMENT DE PULVERISATION PAR CENTRIFUGATION AVEC REGULATEUR D'AIR, ET UTILISATION DE CET ELEMENT (DE PULVERISATION) POUR PULVERISER UN AGENT DE TRAITEMENT DE PAROIS DE MOULE (ESSENTIELLEMENT SANS SOLVENT)**
[72] KEIM, Karl-Heinz, DE
[72] KOK, Douwe Marten, NL
[72] RENKL, Hans-Dieter, DE
[72] JUNKER, Thomas, DE
[71] ACHESON INDUSTRIES, INC., US
[22] 1998-09-24
[43] 1999-09-09
[30] DE (19810032.0) 1998-03-09

[21] **2,248,969**
[13] A1
[51] **Int.Cl. 6B60T 13/66 6B61C 17/12 6B60T 17/22**
[25] EN
[54] **COMPUTER CONTROL OF RAILROAD TRAIN BRAKE SYSTEM OPERATION**
[54] **CONTROLE INFORMATISE DU FONCTIONNEMENT D'UN SYSTEME DE FREINS D'UN TRAIN**
[72] COLBERT, Michael A., US
[72] HART, James E., US
[72] PAUL, John E., US
[71] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-09-28
[43] 1999-09-10
[30] US (038,175) 1998-03-10

[21] **2,249,005**
[13] A1
[51] **Int.Cl. 6C08G 69/04 6C08K 5/3435**
[25] EN
[54] **LIGHT AND THERMALLY STABLE POLYAMIDE**
[54] **POLYAMIDE LEGER ET THERMIQUEMENT STABLE**
[72] BAILEY, Bobby J., US
[72] HU, Harry, US
[71] BASF CORPORATION, US
[22] 1998-10-16
[43] 1999-09-09
[30] US (60,077,269) 1998-03-09

[21] **2,249,041**
[13] A1
[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6A61K 38/17 6C07K 16/28 6G01N 33/53 6C12Q 1/68 6A61K 31/70 6C07K 14/705**
[25] EN
[54] **NOVEL COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] HAYES, Philip D., GB
[72] MEADOWS, Helen J., GB
[72] HAYES, Philip, GB
[72] DUCKWORTH, Malcolm, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[22] 1998-10-28
[43] 1999-09-10
[30] GB (9805137.8) 1998-03-10
[30] GB (9815791.0) 1998-07-20
[30] GB (9819278.4) 1998-09-03

[21] **2,249,640**
[13] A1
[51] **Int.Cl. 6F04D 13/06 6F04D 15/00 6G01F 23/00**
[25] EN
[54] **SUMP PUMP WITH INTEGRATED WATER SENSOR ALARM**
[54] **POMPE D'ASSECHEMENT AVEC ALARME INTEGREE DE DETECTION DU NIVEAU D'EAU**
[72] CAMPBELL, Robert F., US
[71] CAMPBELL HAUSFELD/SCOTT FETZER COMPANY, US
[22] 1998-10-05
[43] 1999-09-10
[30] US (09/037,462) 1998-03-10

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,249,661**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6A61K 38/17 6C07K 16/28 6G01N 33/566 6C12Q 1/68 6A61K 31/70 6C07K 14/705**
[25] EN
[54] **NOVEL COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] BARNES, Michael R., GB
[72] TESTA, Tania Tamson, GB
[71] SMITHKLINE BEECHAM PLC, GB
[22] 1998-11-04
[43] 1999-09-10
[30] GB (9805194.9) 1998-03-10
[30] GB (9814628.5) 1998-07-06

[21] **2,249,801**
[13] A1

[51] **Int.Cl. 6H01M 10/24 6H01M 4/24**
[25] EN
[54] **LITHIUM SECONDARY BATTERY AND CATHODE COMPOSITION THEREFOR**
[54] **BATTERIE D'ACCUMULATEURS AU LITHIUM ET COMPOSE CATHODIQUE**
[72] HORIUCHI, Hiroshi, JP
[72] WATANABE, Isao, JP
[72] YAMAMOTO, Tamotsu, JP
[72] TSUTSUMI, Masami, JP
[72] YOSHIDA, Kensuke, JP
[72] MIYASHITA, Tsutomu, JP
[71] FUJITSU LIMITED, JP
[22] 1998-10-06
[43] 1999-09-05
[30] JP (10-53138) 1998-03-05

[21] **2,249,916**
[13] A1

[51] **Int.Cl. 6F16J 15/32**
[25] EN
[54] **POLYTETRAFLUOROETHYLENE AND ELASTOMER SEAL**
[54] **JOINT EN POLYTETRAFLUOROETHYLENE ET EN ELASTOMERE**
[72] JOHNSTON, David E., US
[71] FREUDENBERG-NOK GENERAL PARTNERSHIP, US
[22] 1998-10-09
[43] 1999-09-11
[30] US (038,317) 1998-03-11

[21] **2,249,941**
[13] A1

[51] **Int.Cl. 6B65G 15/16 6B65G 31/02**
[25] EN
[54] **CONTROL APPARATUS FOR CONVEYER OF PARTICULATE MATERIAL**
[54] **APPAREIL DE COMMANDE DE TRANSPORTEURS DE SUBSTANCES PARTICULAIRES**
[72] MAGUIRE, Dennis, CA
[71] MAGUIRE, Dennis, CA
[22] 1998-10-09
[43] 1999-09-07

[21] **2,250,294**
[13] A1

[51] **Int.Cl. 6E04C 3/02**
[25] EN
[54] **JOIST BRACING APPARATUS**
[54] **APPAREIL D'ENTRETOISEMENT DE SOLIVES**
[72] SHAHNAZARIAN, George, CA
[71] MGA CONSTRUCTION HARDWARE & STEEL FABRICATING LTD., CA
[22] 1998-10-14
[43] 1999-09-06
[30] CA (2,231,483) 1998-03-06

[21] **2,250,315**
[13] A1

[51] **Int.Cl. 6A47L 9/06 6A46B 15/00 6A47L 5/24**
[25] EN
[54] **VACUUM ASSISTED BROOM**
[54] **BALAI-ASPIRATEUR**
[72] SCANNI, Nino V., CA
[72] SCANNI, Iberio E., CA
[71] SCANNI, Nino V., CA
[71] SCANNI, Iberio E., CA
[22] 1998-10-15
[43] 1999-09-02
[30] US (09/034,013) 1998-03-02

[30] US (09/034,013) 1998-03-02

[21] **2,250,671**
[13] A1

[51] **Int.Cl. 6G06F 19/00 6G06F 11/00 6G06F 17/60**
[25] EN
[54] **MODELING OF INTERNET SERVICES**
[54] **MODELE DE HIERARCHIE DES SERVICES INTERNET**
[72] SMITH, Mark D., US
[72] CASWELL, Deborah L., US
[72] RAMANATHAN, Srinivas, US
[71] HEWLETT-PACKARD COMPANY, US
[22] 1998-10-16
[43] 1999-09-02
[30] US (09/033,040) 1998-03-02

[21] **2,250,948**
[13] A1

[51] **Int.Cl. 6G01V 5/00 6G01V 5/10**
[25] EN
[54] **INFERENCE MEASUREMENT OF PHOTOELECTRIC ABSORPTION CROSS-SECTION OF GEOLOGIC FORMATIONS FROM NEUTRON-INDUCED, GAMMA-RAY SPECTROSCOPY**
[54] **MESURE INFERENCELLE DE L'ABSORPTION PHOTOELECTRIQUE D'UNE SECTION TRANSVERSALE DE FORMATIONS GEOLOGIQUES AU MOYEN DE LA SPECTROSCOPIE GAMMA PROVOQUEE PAR DES NEUTRONS**
[72] BAILEY, Shawn Marie, US
[72] ODOM, Richard Charles, US
[71] COMPUTALOG U.S.A., INC., US
[22] 1998-10-20
[43] 1999-09-06
[30] US (09/036,287) 1998-03-06

[21] **2,251,163**
[13] A1

[51] **Int.Cl. 6H01M 8/24 6H01M 8/02**
[25] EN
[54] **FUEL CELL STACK**
[54] **UNITE DE PILES A COMBUSTIBLE SUPERPOSEES**
[72] YAMAMOTO, Akio, JP
[72] OKAMOTO, Takafumi, JP
[72] ONO, Hidemitsu, JP
[72] FUJII, Yosuke, JP
[72] SUGITA, Narutoshi, JP
[72] TANAKA, Manabu, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-10-26
[43] 1999-09-02
[30] JP (10-49304) 1998-03-02

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,251,205**
[13] A1

[51] **Int.Cl. 6B65H 75/18 6B65H 75/08**
[25] EN
[54] **EXTENSION CORD STORAGE APPARATUS**
[54] **APPAREIL DE RANGEMENT DE RALLONGES ELECTRIQUES**
[72] BLANCH, Paul S., US
[72] KOVACIK, James D., US
[72] GRZYWNA, Stanley E., US
[71] ALERT STAMPING AND MANUFACTURING COMPANY, INC., US
[22] 1998-10-21
[43] 1999-09-09
[30] US (09/036,972) 1998-03-09

[21] **2,252,003**
[13] A1

[51] **Int.Cl. 6B25B 7/12 6B25B 7/10**
[25] EN
[54] **PLIERS**
[54] **PINCES**
[72] CHANG, Jong-Shing, TW
[71] CHANG, Jong-Shing, TW
[22] 1998-10-28
[43] 1999-09-05
[30] US (09/035,086) 1998-03-05

[21] **2,252,046**
[13] A1

[51] **Int.Cl. 6A01F 15/04**
[25] EN
[54] **HYDRAULICALLY POWERED BALER PLUNGER DRIVE MECHANISM**
[54] **MECANISME D'ENTRAINEMENT HYDRAULIQUE POUR BIELLE DE RAMASSEUSE-PRESSE**
[72] ROTH, Darin Ledru, US
[72] O'BRIEN, Stephen Edwin, US
[71] DEERE & COMPANY, US
[22] 1998-11-23
[43] 1999-09-03
[30] US (09/034,091) 1998-03-03

[21] **2,252,066**
[13] A1

[51] **Int.Cl. 6H04B 10/10 6G02F 1/39**
[25] EN
[54] **QUANTUM-OPTICAL AMPLIFIERS FOR OPTICAL FREE-SPACE COMMUNICATIONS SYSTEMS**
[54] **AMPLIFICATEURS OPTIQUES-QUANTIQUES POUR LES SYSTEMES DE COMMUNICATION EN ESPACE LIBRE**
[72] MAYOR, Jean-Michel, CH
[72] GRAF, Thomas, CH
[72] BALMER, Jürg, CH
[71] OERLIKON CONTRAVES AG, CH
[22] 1998-11-24
[43] 1999-09-03
[30] CH (1998 0498/98) 1998-03-03

[21] **2,252,069**
[13] A1

[51] **Int.Cl. 6A01D 34/76**
[25] EN
[54] **ROTARY CUTTERBAR HOUSING MODULES HAVING ANGLED SIDES**
[54] **MODULES DE LOGEMENTS DE PORTE-LAMES ROTATIFS A FLANCS INCLINES**
[72] MENTZER, Matthew Jay, FR
[72] PARSONS, Stephen Kenneth, US
[72] PETERSEN, John Gregory, US
[72] MELLIN, Michael James, US
[71] DEERE & COMPANY, US
[22] 1998-11-24
[43] 1999-09-04
[30] US (09/034,495) 1998-03-04

[21] **2,252,457**
[13] A1

[51] **Int.Cl. 6B67B 7/50**
[25] EN
[54] **CAN OPENER**
[54] **OUVRE-BOITE**
[72] SO, Shun, HK
[71] SO, Shun, HK
[22] 1998-10-29
[43] 1999-09-06
[30] GB (9804888.7) 1998-03-06
[30] GB (9819656.1) 1998-09-09

[21] **2,253,129**
[13] A1

[51] **Int.Cl. 6E05B 9/04 6E05B 27/00**
[25] EN
[54] **COMBINATION CYLINDER THAT CAN BE EXTRACTED FROM THE OUTSIDE FOR A LATCH**
[54] **CYLINDRE POUR LOQUET EXTRACTIBLE DE L'EXTERIEUR**
[72] RUANO ARAMBURU, Luis Angel, ES
[71] TALLERES DE ESCORIAZA, S.A., ES
[22] 1998-11-06
[43] 1999-09-04
[30] ES (9800457) 1998-03-04

[21] **2,253,177**
[13] A1

[51] **Int.Cl. 6C02F 1/78**
[25] EN
[54] **CLEANSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DES DECHETS LIQUIDES**
[72] BENSKIN, Charles O., US
[72] WEISSE, Harley A., US
[71] BENSKIN, Charles O., US
[71] WEISSE, Harley A., US
[22] 1998-11-10
[43] 1999-09-11
[30] US (09/038074) 1998-03-11

[21] **2,253,946**
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12Q 1/37**
[25] EN
[54] **METHOD FOR REGULATING CELL DEATH**
[54] **METHODE DE REGULATION DE LA MORT DES CELLULES DANS LES PLANTES**
[72] SEO, Shigemi, JP
[72] OHASHI, Yuko, JP
[71] DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES, MINI, JP
[22] 1998-11-12
[43] 1999-09-11
[30] JP (10-060158) 1998-03-11

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,254,580**
[13] A1

[51] **Int.Cl. 6H01J 61/92 6H01J 61/00 6H05B 41/24**
[25] EN
[54] **ALTERNATING CURRENT HID LAMP WITH MAGNETIC DEFLECTION**
[54] **LAMPE A DECHARGE DE COURANT ALTERNATIF A GRANDE INTENSITE AVEC DEVIATION MAGNETIQUE**
[72] FLANAGAN, Robert W., Jr., US
[72] TESSNOW, Thomas, US
[72] GARRITY, Donald F., Jr., US
[71] OSRAM SYLVANIA INC., US
[22] 1998-11-27
[43] 1999-09-06
[30] US (60/077,090) 1998-03-06
[30] US (09/099,379) 1998-06-18

[21] **2,254,615**
[13] A1

[51] **Int.Cl. 6G06T 7/40 6G11B 23/00 6H04N 17/00**
[25] EN
[54] **DEVICE, METHOD AND RECORDING MEDIUM FOR VIDEO INSPECTION**
[54] **DISPOSITIF, METHODE ET SUPPORT D'ENREGISTREMENT POUR INSPECTION DE LA VIDEO**
[72] YAMAGA, Mutsuo, JP
[72] FUJII, Mahito, JP
[72] CLIPPINGDALE, Simon, JP
[72] ITO, Takayuki, JP
[71] NIPPON HOSO KYOKAI, JP
[22] 1998-11-30
[43] 1999-09-02
[30] JP (49805/1998) 1998-03-02

[21] **2,255,361**
[13] A1

[51] **Int.Cl. 6E04B 5/48 6E04F 17/04 6F24F 13/068**
[25] EN
[54] **AERATED FLOORING SYSTEMS**
[54] **REVETEMENTS DE SOL AERES**
[72] LARIMORE, Mark, US
[71] LARIMORE, Mark, US
[22] 1998-12-09
[43] 1999-09-04
[30] US (60/076,708) 1998-03-04
[30] US (09/131,229) 1998-08-07

[21] **2,255,988**
[13] A1

[51] **Int.Cl. 6E04B 2/88**
[25] EN
[54] **AN ELEMENT FOR CLADDING BUILDING WALLS**
[54] **ELEMENT DE REVETEMENT MURAL**
[72] HEINEMANN, Herbert, DE
[71] HEINEMANN, Herbert, DE
[22] 1998-12-14
[43] 1999-09-03
[30] EP (98 103 699.9) 1998-03-03

[21] **2,256,869**
[13] A1

[51] **Int.Cl. 6B65H 49/10 6B65H 49/02 6B65H 49/06 6B65H 57/18 6B23K 9/32**
[25] EN
[54] **WIRE TRANSFER ASSEMBLY**
[54] **SYSTEME DE DEVIDAGE DE FIL**
[72] BOULTON, Norman B., US
[71] NATIONAL-STANDARD COMPANY, US
[22] 1998-12-22
[43] 1999-09-04
[30] US (09/034,476) 1998-03-04

[21] **2,257,439**
[13] A1

[51] **Int.Cl. 6A61F 13/62**
[25] EN
[54] **ABSORBENT ARTICLE WITH TRANSITION FASTENERS**
[54] **ARTICLE ABSORBANT ET ATTACHES DE TRANSITION**
[72] JUSTMANN, David Andrae, US
[72] LORD, Patrick Robert, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1999-01-12
[43] 1999-09-03
[30] US (09/033,930) 1998-03-03

[21] **2,257,440**
[13] A1

[51] **Int.Cl. 6A61F 13/62**
[25] EN
[54] **ABSORBENT ARTICLE WITH HOOK FASTENERS**
[54] **ARTICLE ABSORBANT ET ATTACHES A CROCHET**
[72] JUSTMANN, David Andrae, US
[72] LORD, Patrick Robert, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1999-01-12
[43] 1999-09-03
[30] US (09/034,031) 1998-03-03

[21] **2,258,138**
[13] A1

[51] **Int.Cl. 6G08G 1/0962 6B60K 15/00 6G08G 1/127**
[25] EN
[54] **METHOD AND APPARATUS FOR FUEL MANAGEMENT AND FOR PREVENTING FUEL SPILLAGE**
[54] **METHODE ET DISPOSITIF DE GESTION DE CARBURANT ET DE PREVENTION DES DEVERSEMENTS**
[72] KANE, William Francis, US
[72] VON GUEFELD, Robert Jacob, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 1999-01-06
[43] 1999-09-03
[30] US (09/033,734) 1998-03-03

[21] **2,258,326**
[13] A1

[51] **Int.Cl. 6B65D 85/62 6A47K 10/42 6B65D 5/44 6B31B 3/90**
[25] EN
[54] **CONSUMER-ACTIVATED CLIP LIFT FEATURE FOR TISSUE CARTONS**
[54] **PINCE DE LEVEE A ACTIVATION MANUELLE POUR BOITE DE MOUCHOIRS**
[72] SIGL, Wayne Clement, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[22] 1999-01-22
[43] 1999-09-06
[30] US (09/036,148) 1998-03-06

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,259,076**
[13] A1
[51] **Int.Cl. 6G07F 7/08 6G06K 19/07 6G07G 1/14 6H04Q 7/32**
[25] EN
[54] **MOBILE ELECTRONIC PAYMENT TERMINAL**
[54] **TERMINAUX MOBILES DE PAIEMENT ELECTRONIQUE**
[72] FITZGERALD, Peter, AU
[72] KNIGHT, Paul, AU
[71] KEYCORP LIMITED, AU
[22] 1999-01-15
[43] 1999-09-05
[30] AU (PP 2209) 1998-03-05

[21] **2,259,767**
[13] A1
[51] **Int.Cl. 6A63C 19/06 6A63C 19/10**
[25] EN
[54] **DASHER BOARD SYSTEM**
[54] **SYSTEME DE PANNEAUX DE BANDE POUR PATINOIRE**
[72] HICKS, John C., Jr., US
[72] MONCILOVICH, Michael R., US
[72] BURLEY, John S., US
[71] BURLEY'S RINK SUPPLY, INC., US
[22] 1999-01-20
[43] 1999-09-11
[30] US (09/038,290) 1998-03-11

[21] **2,259,850**
[13] A1
[51] **Int.Cl. 6A01B 71/00 6A01C 7/00 6A01C 15/00 6A01C 23/00**
[25] EN
[54] **APPARATUS FOR CUSTOMIZING THE RATE AT WHICH FARMING MATERIAL IS APPLIED TO AN AGRICULTURAL FIELD**
[54] **APPAREIL SERVANT A REGLER LE TAUX D'EPANDAGE DES PRODUITS AGRICOLES DANS LES CHAMPS**
[72] FLAMME, David D., US
[72] HARTMAN, Brian A., US
[72] ROUNDS, David N., US
[72] NEWTON, Randolph T., US
[71] CASE CORPORATION, US
[22] 1999-01-21
[43] 1999-09-10
[30] US (09/038,491) 1998-03-10

[21] **2,260,406**
[13] A1
[51] **Int.Cl. 6A23G 1/00**
[25] EN
[54] **CHOCOLATE CRUMB**
[54] **MIE DE CHOCOLAT**
[72] SAMUEL, Brian, GB
[72] ARMSTRONG, Euan, GB
[72] JERCHER, Loreta, GB
[72] GIBSON, Richard, GB
[72] CARLI, Sophie, GB
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., SE
[22] 1999-02-16
[43] 1999-09-02
[30] GB (9804401.9) 1998-03-02

[21] **2,260,466**
[13] A1
[51] **Int.Cl. 6H01J 65/04**
[25] EN
[54] **COAXIAL APPLICATORS FOR ELECTRODELESS HIGH INTENSITY DISCHARGE LAMPS**
[54] **APPLICATEURS COAXIAUX POUR LAMPE A DECHARGE DE GRANDE INTENSITE SANS ELECTRODE**
[72] PALMER, Fred L., US
[72] LAPATOVICH, Walter P., US
[71] OSRAM SYLVANIA INC., US
[22] 1999-01-27
[43] 1999-09-03
[30] US (60/076,631) 1998-03-03
[30] US (09/233,867) 1999-01-19

[21] **2,260,503**
[13] A1
[51] **Int.Cl. 6G06F 3/14 6H04L 12/12 6G06F 13/38**
[25] EN
[54] **VIEWER CUSTOMIZATION OF DISPLAYED PROGRAMMING BASED ON TRANSMITTED URLS**
[54] **PERSONNALISATION DE PROGRAMMATION AFFICHEE, PAR LE BIAIS DE LA TRANSMISSION D'URL**
[72] ROSENTHAL, Eugene J., US
[72] BENDINELLI, Samuel J., US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 1999-01-28
[43] 1999-09-02
[30] US (09/033,279) 1998-03-02

[21] **2,260,553**
[13] A1
[51] **Int.Cl. 6H05B 3/02**
[25] EN
[54] **HEATER WITH SELECTIVE POWER RATING**
[54] **APPAREIL DE CHAUFFAGE AVEC PUISSANCE NOMINALE SELECTIVE**
[72] NOTHE, William E., US
[72] WRENN, John R., US
[71] MARLEY ELECTRIC HEATING, US
[22] 1999-02-01
[43] 1999-09-09
[30] US (09/037,072) 1998-03-09

[21] **2,260,579**
[13] A1
[51] **Int.Cl. 6H01Q 21/00 6H01Q 1/02 6H01Q 21/24**
[25] EN
[54] **ANTENNA SYSTEM FOR MILLIMETER WAVE LENGTH COMMUNICATION SYSTEMS**
[54] **RESEAU D'ANTENNES POUR SYSTEMES DE COMMUNICATION PAR ONDES MILLIMETRIQUES**
[72] KHARADLY, Mostafa Z., CA
[72] CHAN, Amiee Y., CA
[71] KHARADLY, Mostafa Z., CA
[71] CHAN, Amiee Y., CA
[22] 1999-02-02
[43] 1999-09-06
[30] US (09/035,879) 1998-03-06

[21] **2,260,609**
[13] A1
[51] **Int.Cl. 6C08G 63/16 6C09D 167/02**
[25] EN
[54] **LOW MOLECULAR WEIGHT HYDROXY FUNCTIONAL POLYESTERS FOR COATINGS**
[54] **POLYESTERS FONCTIONNELS HYDROXY A POIDS MOLECULAIRE REDUIT, DESTINES AUX REVETEMENTS**
[72] ZUPANCIC, Joseph J., US
[72] ALGRIM, Donald J., US
[72] LEWARCHIK, Ronald J., US
[72] SMITH, Marc L., US
[71] MORTON INTERNATIONAL, INC., US
[22] 1999-01-27
[43] 1999-09-11
[30] US (09/038,520) 1998-03-11
[30] US (09/063,020) 1998-04-20

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,260,627**
[13] A1

[51] **Int.Cl. 6G08B 15/00**
[25] EN
[54] **BARKING DOG SOUND ALARM SYSTEM**
[54] **SYSTEME D'ALARME ANTIVOL AUX SONS D'ABOIEMENTS DE CHIEN**
[72] RALPH, Leo N., CA
[71] RALPH, Leo N., CA
[22] 1999-02-02
[43] 1999-09-02

[21] **2,260,648**
[13] A1

[51] **Int.Cl. 6B01D 53/62**
[25] EN
[54] **CARBON MONOXIDE CONCENTRATION REDUCING APPARATUS AND METHOD FOR DRIVING THE SAME**
[54] **APPAREIL DE REDUCTION DE LA CONCENTRATION D'OXYDE DE CARBONE ET METHODE DE COMMANDE DE CET APPAREIL**
[72] AOYAMA, Satoshi, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 1999-02-02
[43] 1999-09-09
[30] JP (HEI 10-76727) 1998-03-09

[21] **2,260,671**
[13] A1

[51] **Int.Cl. 6E04B 1/90 6F16L 59/02 6B32B 5/18 6B29C 44/32**
[25] EN
[54] **FOAM INSULATION BOARD FACED WITH A TOUGH POLYMERIC FILM OR COMPOSITE THEREOF**
[54] **PANNEAU DE MOUSSE ISOLANTE REVETU D'UN FILM POLYMERIQUE RESISTANT OU D'UN COMPOSITE DE CELUI-CI**
[72] LAUGHLIN, Wayne E, US
[72] ELSTUN, James M., US
[72] LYNN, Gregory W., US
[71] CELOTEX CORPORATION, US
[22] 1999-02-05
[43] 1999-09-06
[30] US (09/035,955) 1998-03-06

[21] **2,260,683**
[13] A1

[51] **Int.Cl. 6G06F 7/58**
[25] EN
[54] **A METHOD FOR GENERATING PSEUDO RANDOM NUMBERS**
[54] **METHODE DE GENERATION DE NOMBRES PSEUDO-ALEATOIRES**
[72] PATEL, Sarvar, US
[72] SUNDARAM, Ganapathy Subramanian, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-02-04
[43] 1999-09-04
[30] US (09/034,829) 1998-03-04

[21] **2,260,685**
[13] A1

[51] **Int.Cl. 6G10L 7/06 6G10L 9/18**
[25] EN
[54] **LINEAR TRAJECTORY MODELS INCORPORATING PREPROCESSING PARAMETERS FOR SPEECH RECOGNITION**
[54] **MODELES A TRAJECTOIRE LINEAIRE POUR LA RECONNAISSANCE DE LA VOIX, COMPRENANT DES PARAMETRES DE PRETRAITEMENT**
[72] CHENGALVARAYAN, Rathinavelu, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-02-04
[43] 1999-09-02
[30] US (09/032,900) 1998-03-02

[21] **2,260,686**
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04Q 7/20**
[25] EN
[54] **BANDWIDTH CONTROL IN A PACKET-BASED DATA SYSTEM**
[54] **COMMANDE DE LARGEUR DE BANDE POUR SYSTEME DE DONNEES PAR PAQUET**
[72] DEMPSEY, Peter Allen Andrew, US
[72] WARMINK, Stuart, US
[72] LEE, Kyoo J., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-02-04
[43] 1999-09-03
[30] US (09/033,985) 1998-03-03

[21] **2,260,691**
[13] A1

[51] **Int.Cl. 6F16M 13/00 6H01Q 1/12 6H04Q 7/30**
[25] EN
[54] **BRACKET SUPPORT**
[72] GATES, William George, GB
[72] HUTTON, Anthony John, GB
[72] SKEATS, Anthony James, GB
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-02-02
[43] 1999-09-04
[30] EP (98301595.9) 1998-03-04

[21] **2,260,708**
[13] A1

[51] **Int.Cl. 6D21F 7/08 6D03D 15/00 6D21F 7/10**
[25] EN
[54] **FLOW-RESISTANT MATERIAL ADDITIONS TO DOUBLE-SEAM ON-MACHINE-SEAMABLE FABRICS**
[54] **MATERIEL RESISTANT AUX ECOULEMENTS AJOUTE A DES TISSUS A DEUX COUTURES EFFECTUEES SUR MACHINE**
[72] ELKINS, Phillip R., US
[71] ALBANY INTERNATIONAL CORP., US
[22] 1999-02-04
[43] 1999-09-05
[30] US (09/035,479) 1998-03-05

[21] **2,260,721**
[13] A1

[51] **Int.Cl. 6B27L 11/00**
[25] EN
[54] **CHIP OUTLET IN A DISC CHIPPER**
[54] **SORTIE DE COPEAUX DE COUPEUSE A DISQUE**
[72] KILPELAINEN, Reijo, FI
[71] ANDRITZ-PATENTVERWALTUNGS-GMBH, AT
[22] 1999-02-04
[43] 1999-09-03
[30] FI (980477) 1998-03-03

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] 2,260,924
[13] A1

[51] Int.Cl. 6C08L 21/00 6C08K 7/00
6C08K 9/00 6C08L 7/00 6C08L 9/00
6C08K 9/06 6C08C 19/20
[25] EN
[54] RUBBER COMPOSITIONS
CONTAINING FILLERS HAVING
AGGREGATES CONTAINING
DIFFERENT PARTICLE SIZES
[54] COMPOSES EN CAOUTCHOUC
COMPRENANT DES MATIERES DE
CHARGE AYANT DES AGREGATS DE
PARTICULES AUX DIMENSIONS
DIVERSES
[72] VISEL, Friedrich, LU
[72] AGOSTINI, Giorgio, LU
[72] ZIMMER, René Jean, LU
[72] MATERNE, Thierry Florent Edmé, BE
[72] FRANK, Uwe Ernst, DE
[71] THE GOODYEAR TIRE & RUBBER
COMPANY, US
[22] 1999-02-05
[43] 1999-09-02
[30] US (09/033,491) 1998-03-02

[21] 2,261,006
[13] A1

[51] Int.Cl. 6E02F 9/26 6E21C 35/06
6E21C 35/24 6E02F 9/24
[25] EN
[54] METHOD FOR DETERMINING
AND DISPLAYING THE POSITION OF
A TRUCK DURING MATERIAL
REMOVAL
[54] METHODE POUR DETERMINER
ET AFFICHER LA POSITION D'UN
CAMION PENDANT LE
DECHARGEMENT DE MATERIEL
[72] HENDERSON, Daniel E., US
[72] KOEHRSEN, Craig L., US
[71] CATERPILLAR INC., US
[22] 1999-02-03
[43] 1999-09-05
[30] US (09/035,222) 1998-03-05

[21] 2,261,101
[13] A1

[51] Int.Cl. 6E05B 47/06 6E05B 17/22
[25] EN
[54] LOCKING MECHANISM FOR AN
APPLIANCE DOOR
[54] MECANISME DE VERROUILLAGE
POUR PORTE D'APPAREIL MENAGER
[72] VANDE HAAR, Evan R., US
[72] WINDERS, Michael W., US
[72] OSTDIEK, Stephen D., US
[71] MAYTAG CORPORATION, US
[22] 1999-02-03
[43] 1999-09-11
[30] US (09/037,955) 1998-03-11

[21] 2,261,198
[13] A1

[51] Int.Cl. 6G08C 17/00 6G08C 23/00
6H04S 7/00
[25] FR
[54] PROCEDE DE TRANSMISSION
D'UNE COMMANDE D'UN DISPOSITIF
DE COMMANDE A DISTANCE VERS
UN APPAREIL AUDIO, DISPOSITIF DE
COMMANDE A DISTANCE ET
APPAREIL AUDIO
CORRESPONDANTS
[54] TECHNIQUE FOR TRANSMISSION
OF A SIGNAL FROM A REMOTE
CONTROL UNIT TO AN AUDIO
DEVICE, CORRESPONDING REMOTE
CONTROL UNIT AND AUDIO DEVICE
[72] ATTIMONT, Luc, FR
[72] BODIN, Jannick, FR
[71] ALCATEL, FR
[22] 1999-02-18
[43] 1999-09-09
[30] FR (98 02 823) 1998-03-09

[21] 2,261,281
[13] A1

[51] Int.Cl. 6C09D 5/12 6C09D 1/00
[25] EN
[54] STABILIZED COMPOSITON FOR
TREATMENT OF METAL SURFACES
[54] COMPOSITION STABILISEE
POUR LE TRAITEMENT DE SURFACES
METALLIQUES
[72] MORRIS, Brenda S., US
[72] POMRINK, Gregory J., US
[71] BETZDEARBORN INC., US
[22] 1999-02-17
[43] 1999-09-06
[30] US (09/036,331) 1998-03-06

[21] 2,261,373
[13] A1

[51] Int.Cl. 6B60C 27/06
[25] EN
[54] TIRE CHAIN CROSS MEMBER
ASSEMBLIES AND TIRE CHAINS
USING THE SAME
[54] ASSEMBLAGES TRANSVERSAUX
DE CHAINES A PNEU ET CHAINES
UTILISANT CES ASSEMBLAGES
[72] CLARK, Larry C., US
[71] BURNS BROS., INC., US
[22] 1999-02-09
[43] 1999-09-03
[30] US (09/033,589) 1998-03-03

[21] 2,261,377
[13] A1

[51] Int.Cl. 6A47L 9/14
[25] EN
[54] A CONNECTION MEMBER FOR A
FILTER BAG FOR VACUUM
CLEANING EQUIPMENT
[54] UNE PIECE DE RACCORD POUR
UN SAC-FILTRE D'UN ASPIRATEUR
[72] KREHAN, Herbert, DE
[71] BRANOFILTER GMBH, DE
[22] 1999-02-10
[43] 1999-09-05
[30] DE (298 03 839.0) 1998-03-05

[21] 2,261,442
[13] A1

[51] Int.Cl. 6H04L 27/156
[25] EN
[54] METHOD AND DEVICE FOR
DIGITALLY DEMODULATING A
FREQUENCY MODULATED SIGNAL
[54] METHODE ET DISPOSITIF DE
DEMODULATION NUMERIQUE D'UN
SIGNAL MODULE EN FREQUENCE
[72] WILDHAGEN, Jens, DE
[71] SONY INTERNATIONAL (EUROPE)
GMBH, DE
[22] 1999-02-11
[43] 1999-09-03
[30] EP (98 103 735.1) 1998-03-03

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,261,467**
[13] A1

[51] **Int.Cl. 6E02F 3/96 6E02F 3/36**
[25] EN
[54] **FASTENER SECURED FRAME FOR BOOM MOUNTED QUICK CHANGE BRACKET**
[54] **CADRE MAINTENU EN PLACE POUR ATTACHE DE SUPPORT DE REMPLACEMENT RAPIDE MONTE SUR UN BRAS**
[72] KACZMARSKI, Wally L., US
[72] BERARD, Craig A., US
[71] CLARK EQUIPMENT COMPANY, US
[22] 1999-02-11
[43] 1999-09-03
[30] US (09/034,539) 1998-03-03

[21] **2,261,477**
[13] A1

[51] **Int.Cl. 6C08L 21/00 6C08L 9/00 6C08K 5/01 6B29D 30/06**
[25] EN
[54] **TIRE TREAD RUBBER CONTAINING UINTAHITE**
[54] **BANDE DE RECHAPAGE CONTENANT DE LA GILSONITE**
[72] MALY, Neil Arthur, US
[72] BRYSON, Jay Gordon, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1999-02-11
[43] 1999-09-10
[30] US (09/038,264) 1998-03-10

[21] **2,261,478**
[13] A1

[51] **Int.Cl. 6B29D 30/06 6B60C 1/00 6C08L 9/00 6C08K 3/04**
[25] EN
[54] **TIRE WITH CARCASS PLY RUBBER COMPOSITION**
[54] **PNEU MUNI D'UN PLY DE CARCASSE EN CAOUTCHOUC**
[72] BLOK, Edward John, US
[72] HAHN, Bruce Raymond, US
[72] SANDSTROM, Paul Harry, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1999-02-11
[43] 1999-09-10
[30] US (09/038,265) 1998-03-10

[21] **2,261,481**
[13] A1

[51] **Int.Cl. 6C08L 21/00 6C08K 7/00 6C08L 7/00 6C08L 9/00 6C08K 7/26 6C08K 3/36 6C08K 5/54**
[25] EN
[54] **RUBBER COMPOSITION CONTAINING SILICA HAVING FIRST AND SECOND AGGREGATES EACH CONTAINING DIFFERENT PARTICLE SIZES**
[54] **MELANGE CAOUTCHOUTE CONTENANT DE LA SILICE AYANT DES PREMIERS ET DES SECONDS AGGREGATS CHACUN ETANT COMPOSE DE PARTICULES DE DIFFERENTES TAILLES**
[72] AGOSTINI, Giorgio, LU
[72] MATERNE, Thierry Florent Edme, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1999-02-11
[43] 1999-09-09
[30] US (60/077,429) 1998-03-09

[21] **2,261,482**
[13] A1

[51] **Int.Cl. 6C07F 5/02 6C08L 9/00 6C08K 5/55**
[25] EN
[54] **RUBBER COMPOSITIONS CONTAINING BORATE COMPOUNDS**
[54] **CAOUTCHOUCS RENFERMANT DES BORATES**
[72] ZIMMER, Rene Jean, LU
[72] MATERNE, Thierry Florent Edme, US
[72] VISEL, Friedrich, LU
[72] FRANK, Uwe Ernst, DE
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1999-02-11
[43] 1999-09-10
[30] US (60/077,602) 1998-03-10

[21] **2,261,491**
[13] A1

[51] **Int.Cl. 6B23B 51/00 6E21B 10/00 6B24D 3/00 6B23P 15/28**
[25] EN
[54] **CUTTING ELEMENT WITH IMPROVED POLYCRYSTALLINE MATERIAL TOUGHNESS AND METHOD FOR MAKING SAME**
[54] **COMPOSANTE DE COUPE AVEC RESISTANCE AMELIOREE D'UN MATERIAU POLYCRISTALLIN ET METHODE DE FABRICATION DE CELLE-CI**
[72] EYRE, Ronald K., US
[71] SMITH INTERNATIONAL, INC., US
[22] 1999-02-12
[43] 1999-09-06
[30] US (09/036577) 1998-03-06

[21] **2,261,539**
[13] A1

[51] **Int.Cl. 6B29C 70/52**
[25] EN
[54] **METHOD OF PULTRUDING A PART FROM FIBER REINFORCED RESIN WITH A WOOD GRAIN FINISH**
[54] **METHODE PERMETTANT DE PULTRUDER UNE SURFACE DE RESINE RENFORCEE DE FIBRE DONT LE FINI IMITE LE GRAIN DU BOIS**
[72] DAVIES, Lawrence W., CA
[71] DAVIES, Lawrence W., CA
[22] 1999-02-15
[43] 1999-09-03
[30] US (09/033,700) 1998-03-03

[21] **2,261,540**
[13] A1

[51] **Int.Cl. 6G01M 13/02 6B65G 23/00 6B65G 43/00 6F16H 7/00 6G01L 5/04**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING AND DETERMINING THE LOCATION OF A CHAIN JAM**
[54] **METHODE ET SYSTEME POUR DETECTER ET DETERMINER L'ENDROIT PRECIS DU COINCEMENT D'UNE CHAINE**
[72] MILLER, Michael, CA
[71] JERVIS B. WEBB COMPANY, US
[22] 1999-02-15
[43] 1999-09-05
[30] US (09/035,060) 1998-03-05

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,261,543**
[13] A1

[51] **Int.Cl. 6A61K 31/695 6A41B 11/14 6A61K 7/40 6A61K 31/52**
[25] EN
[54] **ANTI-CELLULITE PANTYHOSE**
[54] **COLLANT ANTICELLULITE**
[72] PUGLIESE, Peter T., US
[71] VICTORIA'S SECRET STORES, INC., US
[22] 1999-02-09
[43] 1999-09-05
[30] US (09/035,315) 1998-03-05

[21] **2,261,548**
[13] A1

[51] **Int.Cl. 6H04L 5/22**
[25] EN
[54] **TIME DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION A ACCES MULTIPLE PAR REPARTITION DANS LE TEMPS**
[72] FREIBERG, Lorenz Fred, GB
[72] LIN, Jie, GB
[72] CAO, Qiang, GB
[72] WOOD, Steven Andrew, GB
[72] ALLPRESS, Stephen Alan, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-02-09
[43] 1999-09-06
[30] GB (9804891.1) 1998-03-06
[30] EP (98303347.5) 1998-04-28

[21] **2,261,825**
[13] A1

[51] **Int.Cl. 6G05D 1/02**
[25] EN
[54] **GUIDANCE SYSTEM FOR AN AUTOMATED GUIDED VEHICLE**
[54] **SYSTEME DE GUIDAGE POUR VEHICULE GUIDE AUTOMATISE**
[72] ALOFS, Cornell W., US
[72] DRENTH, Ronald R., US
[71] JERVIS B. WEBB COMPANY, US
[22] 1999-02-15
[43] 1999-09-09
[30] US (09/038,693) 1998-03-09

[21] **2,262,035**
[13] A1

[51] **Int.Cl. 6H02M 7/217**
[25] EN
[54] **SWITCHED-MODE POWER SUPPLY WITH ACTIVE HARMONICS LIMITING**
[54] **ALIMENTATION PAR COMMUTATION ET LIMITATION ACTIVE DES HARMONIQUES**
[72] TWARDZIK, Rene, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 1999-02-16
[43] 1999-09-03
[30] DE (19808890.6) 1998-03-03

[21] **2,262,037**
[13] A1

[51] **Int.Cl. 6E04F 21/16 6E04F 21/24**
[25] EN
[54] **TROWEL HAVING A STRIPE OF HARD CHROME WEAR-PREVENT LAYER**
[54] **TRUELLE COMPRENANT UNE BANDE FAITE D'UNE COUCHE ANTI-USURE EN CHROME**
[72] McCOMBER, Larry J., US
[71] MARSHALLTOWN TROWEL COMPANY, US
[22] 1999-02-15
[43] 1999-09-11
[30] US (09/038,402) 1998-03-11

[21] **2,262,054**
[13] A1

[51] **Int.Cl. 6C08F 226/02 6G02B 1/04 6C08F 214/18 6C08F 220/22 6C08F 220/56**
[25] EN
[54] **OCULAR LENS MATERIAL AND PROCESS FOR PRODUCING THE SAME**
[54] **MATERIAU ET PROCESSUS DE FABRICATION DE LENTILLES CORNEENNES**
[72] OMURA, Ikuo, JP
[72] MAKABE, Takashi, JP
[71] KURARAY CO., LTD., JP
[22] 1999-02-16
[43] 1999-09-06
[30] JP (73146/1998) 1998-03-06

[21] **2,262,060**
[13] A1

[51] **Int.Cl. 6A61F 2/30 6A61F 2/38**
[25] EN
[54] **PROSTHESIS BRAKE JOINT ARTICULATION A ACTION DE FREINAGE POUR PROTHESE**
[72] KRUKENBERG, Manfred, DE
[72] WAGNER, Helmut, DE
[71] OTTO BOCK ORTHOPAEDISCHE INDUSTRIE BESITZ-UND VERWALTUNGS-KOMMANDITGESEL, DE
[22] 1999-02-16
[43] 1999-09-11
[30] DE (198 10 385.9) 1998-03-11

[21] **2,262,098**
[13] A1

[51] **Int.Cl. 6A61G 10/00**
[25] EN
[54] **MOBILE HOSPITAL SYSTEM**
[54] **SYSTEME HOSPITALIER MOBILE**
[72] HIROTA, Nobuhiko, JP
[72] HIRAYAMA, Kensuke, JP
[71] HIRAYAMA SETUSBI KABUSHIKI KAISHA, JP
[22] 1999-02-25
[43] 1999-09-03
[30] JP (H10-50671) 1998-03-03
[30] JP (H10-265162) 1998-09-18

[21] **2,262,099**
[13] A1

[51] **Int.Cl. 6H01J 61/073**
[25] EN
[54] **ELECTRODE WITH A HELICAL ATTACHMENT**
[54] **ELECTRODE A FIXATION HELICOIDALE**
[72] PFAFFEL, Johann, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 1999-02-17
[43] 1999-09-04
[30] DE (19808981.3) 1998-03-04

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,262,104**
[13] A1

[51] **Int.Cl. 6H01B 12/16 6H02G 15/34**
[25] FR
[54] **PROCEDE POUR LE MAINTIEN A BASSE TEMPERATURE D'UNE CRYOLIAISON SUPRACONDUCTRICE**
[54] **TECHNIQUE FOR MAINTAINING LOW TEMPERATURES IN A SUPERCONDUCTIVE CRYOLINK**
[72] HERRMANN, Peter Friedrich, FR
[72] VERHAEGE, Thierry, FR
[72] MOISSON-FRANCKHAUSER, Francois, FR
[71] ALCATEL, FR
[22] 1999-03-01
[43] 1999-09-05
[30] FR (98 02 683) 1998-03-05

[21] **2,262,132**
[13] A1

[51] **Int.Cl. 6C07F 7/08 6A61K 7/06 6C08L 83/08 6C08G 77/388 6A61K 7/42**
[25] FR
[54] **UTILISATION D'UN ORGANOSILOXANE ET/OU D'UN ORGANOSILANE ANTIOXYDANT POUR LA PHOTOPROTECTION DE LA COULEUR DES FIBRES KERATINIQUES COLOREES NATURELLEMENT OU ARTIFICIELLEMENT**
[54] **USE OF AN ORGANOSILOXANE AND/OR AN ANTIOXIDIZING ORGANOSILANE TO PROTECT THE COLOUR OF NATURALLY OR ARTIFICIALLY COLOURED KERATIN FIBRE FROM THE EFFECTS OF UV RADIATION**
[72] RICHARD, Hervé, FR
[71] L'OREAL, FR
[22] 1999-02-26
[43] 1999-09-02
[30] FR (98 02 486) 1998-03-02

[21] **2,262,141**
[13] A1

[51] **Int.Cl. 6A47G 29/00**
[25] EN
[54] **CLOTHES HAMPER**
[54] **PANIER A LINGE**
[72] SMILLIE, Alexandra M., CA
[71] SMILLIE, Alexandra M., CA
[22] 1999-02-16
[43] 1999-09-09
[30] US (09/037,911) 1998-03-09

[21] **2,262,144**
[13] A1

[51] **Int.Cl. 6H01F 41/02**
[25] EN
[54] **PROCESS OF MAKING ELECTRICAL STEELS HAVING GOOD CLEANLINESS AND MAGNETIC PROPERTIES**
[54] **PROCEDE DE FABRICATION D'ACIERS ELECTRIQUES DOTES DE BONNES PROPRIETES MAGNETIQUES ET DE PROPRETE**
[72] ANDERSON, Jeffrey P., US
[72] BEATTY, Gerald F., US
[72] LAUER, Barry A., US
[71] LTV STEEL COMPANY, INC., US
[22] 1999-03-01
[43] 1999-09-10
[30] US (09/038,172) 1998-03-10

[21] **2,262,146**
[13] A1

[51] **Int.Cl. 6H05B 6/80**
[25] EN
[54] **THAWING-HEATING TRAY AND THAWING-HEATING METHOD**
[54] **PLATEAU DE DECONGELATION ET DE RECHAUFFEMENT, ET METHODE D'EMPLOI**
[72] NONAKA, Takahiro, JP
[72] IWAI, Shuichi, JP
[71] KIYARI CO., LTD., JP
[22] 1999-03-01
[43] 1999-09-02
[30] JP (H10-49329) 1998-03-02

[21] **2,262,155**
[13] A1

[51] **Int.Cl. 6G07D 3/00**
[25] EN
[54] **COIN DISTRIBUTOR**
[54] **APPAREIL POUR LA REPARTITION DE DIFFERENTES ESPECES DE MONNAIE**
[72] ABE, Hiroshi, JP
[72] KUROSAWA, Motoharu, JP
[71] ASahi SEIKO KABUSHIKI KAISHA, JP
[22] 1999-03-01
[43] 1999-09-02
[30] JP (10-090523) 1998-03-02
[30] JP (10-349299) 1998-11-03
[30] JP (10-375399) 1998-11-25

[21] **2,262,158**
[13] A1

[51] **Int.Cl. 6G01J 3/28 6G01J 3/18**
[25] EN
[54] **SPECTROMETER**
[54] **SPECTROMETRE**
[72] TEICHMANN, Helmut, CH
[71] GRETAG-MACBETH AG, CH
[71] M SQUARED TECHNOLOGY LIMITED, GB
[71] CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA (CSEM), CH
[22] 1999-03-02
[43] 1999-09-11
[30] EP (98 104 395.3) 1998-03-11
[30] EP (99 100 338.5) 1999-01-13

[21] **2,262,164**
[13] A1

[51] **Int.Cl. 6D21F 5/14 6D21F 7/00 6D21F 11/12**
[25] EN
[54] **VACUUM ASSISTED BELTLESS HOLDDOWN FOR DOUBLE BACKER**
[54] **SERRE-FLAN SANS COURROIE ASSISSE PAR DEPRESSION, POUR ENVERS DOUBLE**
[72] MARSCHKE, Carl R., US
[71] MARQUIP, INC., US
[22] 1999-03-01
[43] 1999-09-05
[30] US (09/035,309) 1998-03-05

[21] **2,262,169**
[13] A1

[51] **Int.Cl. 6F16L 37/088 6F16L 21/06**
[25] EN
[54] **PLURAL CONDUIT QUICK-CONNECT**
[54] **RACCORD SYMETRIQUE POUR PLUSIEURS TUYAUX**
[72] EYBERGEN, William N., CA
[71] EATON CORPORATION, US
[22] 1999-03-02
[43] 1999-09-05
[30] US (09/035,722) 1998-03-05

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,262,171**
[13] A1
[51] **Int.Cl. 6F21M 3/25 6F21V 15/00**
[25] EN
[54] **COMBINED LIGHT SHIELD AND HEAT SHIELD FOR HEADLIGHT**
[54] **COMBINAISON D'ECRAN THERMIQUE ET D'ECRAN ANTI-EBLOUISSEMENT POUR PHARES**
[72] CHRISTIAN, Todd H., US
[72] MAY, Martin R., US
[72] THOMPSON, Jeffrey L., US
[72] FRANZ, Thomas J., US
[71] EATON CORPORATION, US
[22] 1999-03-02
[43] 1999-09-09
[30] US (09/037,204) 1998-03-09

[21] **2,262,190**
[13] A1
[51] **Int.Cl. 6G03B 13/36 6G03B 7/00**
[25] EN
[54] **CONTROL SYSTEM FOR AN OBJECTIVE OF A CAMERA**
[54] **SYSTEME DE COMMANDE DE L'OBJECTIF D'UNE CAMERA**
[72] BAUER, Fritz, AT
[71] BAUER, Fritz, AT
[22] 1999-02-17
[43] 1999-09-09
[30] AT (A 407/98) 1998-03-09

[21] **2,262,196**
[13] A1
[51] **Int.Cl. 6F23Q 9/02 6F23D 14/58**
[25] EN
[54] **PILOT ASSEMBLY**
[54] **UNITE DE VEILLEUSE D'ALLUMAGE**
[72] GRIFFIOEN, Robert Howard, US
[71] GRIFFIOEN, Robert Howard, US
[22] 1999-02-17
[43] 1999-09-02
[30] US (09/244,301) 1999-02-03

[21] **2,262,203**
[13] A1
[51] **Int.Cl. 6E01H 5/06**
[25] EN
[54] **AN AIRPORT PLOUGH APPARATUS**
[54] **APPAREIL DE NETTOYAGE DES PISTES D'AEROPORT**
[72] FELLER, RICHARD L., US
[71] FELLER, RICHARD L., US
[22] 1999-02-17
[43] 1999-09-10
[30] US (09/037,626) 1998-03-10

[21] **2,262,211**
[13] A1
[51] **Int.Cl. 6A63F 9/22 6G09B 9/04 6G09B 9/12**
[25] EN
[54] **TILTABLE PLATFORM**
[54] **PLATE-FORME A PLAN INCLINE**
[72] NIDATA, Gary, CA
[72] NIDATA, Richard T., CA
[71] NIDATA, Gary, CA
[71] NIDATA, Richard T., CA
[22] 1999-02-17
[43] 1999-09-04
[30] US (09/034,413) 1998-03-04

[21] **2,262,221**
[13] A1
[51] **Int.Cl. 6F16K 31/72 6F16K 31/56**
[25] EN
[54] **VALVE CONSTRUCTION**
[54] **SOUPAPE**
[72] COX, Donald W., US
[71] MAXITROL COMPANY, US
[22] 1999-02-15
[43] 1999-09-04
[30] US (09/034,742) 1998-03-04

[21] **2,262,227**
[13] A1
[51] **Int.Cl. 6B21B 39/10**
[25] EN
[54] **ADJUSTABLE TURNDOWN APPARATUS**
[54] **APPAREIL REGLABLE DE MARGE DE REGLAGE EFFECTIVE**
[72] SHORE, Michael T., US
[72] PUCHOVSKY, Melicher, US
[71] MORGAN CONSTRUCTION COMPANY, US
[22] 1999-02-15
[43] 1999-09-04
[30] US (09/034,387) 1998-03-04

[21] **2,262,229**
[13] A1
[51] **Int.Cl. 6A61C 3/00**
[25] EN
[54] **CURING DEVICE FOR LIGHT-INDUCED CURING OF DENTAL MATERIALS**
[54] **DISPOSITIF DE TRAITEMENT POUR LE TRAITEMENT PHOTOGENERE DE PRODUITS DENTAIRE**
[72] ROHNER, Gottfried, CH
[72] FRITSCH, Gregor, CH
[72] SENN, Bruno, CH
[71] IVOCLAR AG, LI
[22] 1999-02-17
[43] 1999-09-09
[30] DE (198 10 042.6) 1998-03-09

[21] **2,262,250**
[13] A1
[51] **Int.Cl. 6C07F 7/10 6C08L 7/00 6C08L 9/00 6C08K 3/36 6C08K 5/54**
[25] EN
[54] **ASYMMETRICAL SILOXY COMPOUNDS**
[54] **COMPOSES ASSYMETRIQUES DE SILOXI**
[72] VISEL, Friedrich, DE
[72] MATERNE, Thierry Florent Edmé, US
[72] ZIMMER, René Jean, DE
[72] FRANK, Uwe Ernst, DE
[72] AGOSTINI, Giorgio, DE
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1999-02-18
[43] 1999-09-02
[30] US (09/033,302) 1998-03-02

[21] **2,262,251**
[13] A1
[51] **Int.Cl. 6A61F 5/14**
[25] EN
[54] **CONSTRUCTION FOR ULTRA-THIN ORTHOTIC**
[54] **CONSTITUTION D'UNE SEMELLE ORTHOPEDIQUE ULTRA-MINCE**
[72] BROWN, Dennis N., US
[71] NORTHWEST PODIATRIC LABORATORY, INC., US
[22] 1999-02-22
[43] 1999-09-11
[30] US (08/038,780) 1998-03-11

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,262,253**
[13] A1

[51] **Int.Cl. 6C10C 3/00**
[25] EN
[54] **METHOD AND SYSTEM FOR HOT FILTERING BITUMEN WITH LIGHT HYDROCARBONS**
[54] **PROCEDE ET SYSTEME POUR LA FILTRATION AU CHAUD DU BITUME AUX HYDROCARBURES LEGRS**
[72] FOX, Jerry V., US
[72] LOGWINUK, Alex K., US
[72] RENDALL, John S., US
[71] SOLV-EX CORPORATION, US
[22] 1999-02-18
[43] 1999-09-02
[30] US (09/033,217) 1998-03-02

[21] **2,262,325**
[13] A1

[51] **Int.Cl. 6B65D 3/28 6B65D 25/02**
[25] EN
[54] **CONTAINER HAVING EXPANDING OR CONTRACTING END CLOSURE**
[54] **CONTENEUR A FERMETURE EXPANSIBLE**
[72] REA, Keith Robert, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 1999-02-18
[43] 1999-09-04
[30] US (09/036,666) 1998-03-04

[21] **2,262,350**
[13] A1

[51] **Int.Cl. 6H04L 12/24 6G11B 23/00 6H04L 12/04**
[25] EN
[54] **NETWORK ADDRESS MANAGEMENT**
[54] **GESTION D'ADRESSES DE RESEAU**
[72] MARCO, Regis, FR
[72] MARTIN, Jean-Christophe, FR
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-02-23
[43] 1999-09-03
[30] US (09/034,789) 1998-03-03

[21] **2,262,353**
[13] A1

[51] **Int.Cl. 6H04L 12/16 6G11B 23/00 6H04L 12/04**
[25] EN
[54] **NETWORK DIRECTORY ACCESS MECHANISM**
[54] **DISPOSITIF D'ACCES AU REPERTOIRE D'UN RESEAU**
[72] MARTIN, Jean-Christophe, FR
[72] DULOUTRE, Sylvain, FR
[71] SUN MICROSYSTEMS, INC., US
[22] 1999-02-23
[43] 1999-09-03
[30] US (09/033,870) 1998-03-03

[21] **2,262,358**
[13] A1

[51] **Int.Cl. 6H04Q 7/30 6H04Q 7/34**
[25] EN
[54] **FDD FORWARD LINK BEAMFORMING METHOD FOR A FDD COMMUNICATIONS SYSTEM**
[54] **METHODE DE FORMATION DE FAISCEAUX DRF (DUPLEX A REPARTITION EN FREQUENCE) A LA LIAISON AVAL, POUR UN SYSTEME DE COMMUNICATIONS DRF**
[72] RYAN, David James, US
[71] AT&T WIRELESS SERVICES INC., US
[22] 1999-02-23
[43] 1999-09-05
[30] US (09/035,286) 1998-03-05

[21] **2,262,359**
[13] A1

[51] **Int.Cl. 6H04L 12/413 6H04L 12/26 6H04Q 7/34 6H04Q 7/38**
[25] EN
[54] **ACCESS RETRY METHOD FOR SHARED CHANNEL WIRELESS COMMUNICATIONS LINKS**
[54] **METHODE D'ESSAIS D'AVOIR ACCES POUR LIAISONS DE COMMUNICATION SANS FIL A ONDE COMMUNE**
[72] RYAN, David James, US
[71] AT&T WIRELESS SERVICES INC., US
[22] 1999-02-23
[43] 1999-09-05
[30] US (09/035,287) 1998-03-05

[21] **2,262,360**
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04J 11/00**
[25] EN
[54] **SYNCHRONIZATION PREAMBLE METHOD FOR OFDM WAVEFORMS IN A COMMUNICATIONS SYSTEM**
[54] **METHODE DE SYNCHRONISATION INITIALE POUR FORMES D'ONDE AVEC MULTIPLEXAGE ORTHOGONAL PAR REPARTITION EN FREQUENCE (OFDM), DANS UN SYSTEME DE COMMUNICATIONS**
[72] RYAN, David James, US
[71] AT&T WIRELESS SERVICES INC., US
[22] 1999-02-23
[43] 1999-09-05
[30] US (09/035,210) 1998-03-05

[21] **2,262,361**
[13] A1

[51] **Int.Cl. 6H03F 1/32**
[25] EN
[54] **METHOD AND APPARATUS FOR TAILORED DISTORTION OF A SIGNAL PRIOR TO AMPLIFICATION**
[54] **METHODE ET APPAREIL DE DISTORTION PERSONNALISEE D'UN SIGNAL, AVANT SON AMPLIFICATION**
[72] VANNUCCI, Giovanni, US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 1999-02-23
[43] 1999-09-05
[30] US (09/035,213) 1998-03-05

[21] **2,262,461**
[13] A1

[51] **Int.Cl. 6C08L 23/10 6C08K 13/02 6C08L 23/08 6C08K 5/14 6C08K 3/16 6C08L 23/16**
[25] EN
[54] **THERMOPLASTIC ELASTOMER COMPOSITION CONTAINING AN ANTIBLOOM AGENT**
[54] **ELASTOMERE THERMOPLASTIQUE CONTENANT UN AGENT EMPECHANT LE GONFLEMENT**
[72] AWOJULU, Emmanuel A., US
[71] MONTELL NORTH AMERICA INC., US
[22] 1999-02-22
[43] 1999-09-04
[30] US (09/034,961) 1998-03-04

**Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999**

[21] **2,262,467**
[13] A1

[51] **Int.Cl. 6C08J 9/14**
[25] EN
[54] **HCFC-141B BLOWN FOAMS WITH LOW LEVELS OF HCFC-1131A BY-PRODUCTS**
[54] **MOUSSES SOUFFLEES CONTENANT DU HCFC-141B, AVEC PEU DE SOUS-PRODUITS DE HCFC-1131A**
[72] DOERGE, Herman P., US
[71] BAYER CORPORATION, US
[22] 1999-02-22
[43] 1999-09-09
[30] US (09/036,800) 1998-03-09

[21] **2,262,717**
[13] A1

[51] **Int.Cl. 6B65D 85/20 6B65D 83/02 6B65D 5/06**
[25] EN
[54] **SWAB DISPENSER**
[54] **DISTRIBUTEUR DE COTONS-TIGES**
[72] THORN, Mark Edward, US
[71] UNILEVER PLC, GB
[22] 1999-02-24
[43] 1999-09-02
[30] US (09/033199) 1998-03-02

[21] **2,262,723**
[13] A1

[51] **Int.Cl. 6D04B 1/18**
[25] EN
[54] **KNITTED FABRIC HAVING ELASTOMERIC YARN**
[54] **TRICOT COMPRENANT DU FIL ELASTOMERIQUE**
[72] MENAKER, Peter, US
[71] MEDLINE INDUSTRIES, INC., US
[22] 1999-02-23
[43] 1999-09-05
[30] US (09/035,254) 1998-03-05

[21] **2,262,725**
[13] A1

[51] **Int.Cl. 6A61F 2/04 6A61B 17/00 6A61F 2/06**
[25] EN
[54] **DEVICE FOR INTRODUCING AN ENDOPROSTHESIS INTO A CATHETER SHAFT**
[54] **INTRODUCTEUR D'ENDOPROTHESE DANS UN CATHETER**
[72] GIANOTTI, Marc, CH
[71] SCHNEIDER (EUROPE) GMBH, CH
[22] 1999-02-23
[43] 1999-09-04
[30] EP (98103804.5) 1998-03-04

[21] **2,262,728**
[13] A1

[51] **Int.Cl. 6H04J 14/02 6H04B 10/18**
[25] EN
[54] **OPTICAL DEMULTIPLEXER FILTER SYSTEM TO ELIMINATE CROSS-TALK SIDE-LOBES**
[54] **SYSTEME DE FILTRATION DEMULTIPLEXEUR OPTIQUE POUR ELIMINER LES LOBES LATERAUX D'INTERMODULATION**
[72] SPECTOR, Magaly, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-02-23
[43] 1999-09-09
[30] US (09/037,091) 1998-03-09

[21] **2,262,759**
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 29/06**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVISIONED AND DYNAMIC QUALITY OF SERVICE IN A COMMUNICATIONS NETWORK**
[54] **METHODE ET APPAREIL POUR ASSURER LA QUALITE DE SERVICE DYNAMIQUE DANS UN RESEAU DE COMMUNICATION**
[72] SAKSENA, Vikram R., US
[72] FENDICK, Kerry W., US
[71] AT&T CORP., US
[22] 1999-02-24
[43] 1999-09-04
[30] US (09/034,580) 1998-03-04

[21] **2,262,768**
[13] A1

[51] **Int.Cl. 6A63B 69/26 6A41D 13/06 6A41D 13/08 6A63B 71/14**
[25] EN
[54] **MARTIAL ARTS TRAINING DEVICE**
[54] **APPAREIL D'ENTRAINEMENT POUR LES ARTS MARTIAUX**
[72] NORBLOOM, Terry, US
[71] NORBLOOM, Terry, US
[22] 1999-03-02
[43] 1999-09-03
[30] US (09/034,524) 1998-03-03

[21] **2,262,772**
[13] A1

[51] **Int.Cl. 6H04L 29/02 6H04J 3/16**
[25] EN
[54] **DYNAMIC INTERCHANGEABILITY OF VOICE AND DATA CHANNELS AND FACILITIES IN SWITCHED MODE NODAL NETWORKS**
[54] **INTERCHANGEABILITE DYNAMIQUE DES CANAUX VOCAUX ET DES CANAUX DE DONNEES DANS LES RESEAUX NODAUX EN MODE COMMUTE**
[72] SASTRY, Chintalapati S., US
[72] MEHTA, Prafull M., US
[71] AT&T CORP., US
[22] 1999-02-24
[43] 1999-09-04
[30] US (09/034,816) 1998-03-04

[21] **2,262,774**
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 29/06**
[25] EN
[54] **SIMPLE DATA LINK (SDL) PROTOCOL**
[54] **PROTOCOLE DE TRANSMISSION SIMPLE DES DONNEES**
[72] QURESHI, Muhammed Akber, US
[72] DRAVIDA, Subrahmanyam, US
[72] HERNANDEZ-VALENCIA, Enrique, US
[72] DOSHI, Bharat Tarachand, US
[72] MATRAGI, Wassim A., US
[71] LUCENT TECHNOLOGIES INC., US
[22] 1999-02-24
[43] 1999-09-06
[30] US (09/039,112) 1998-03-06

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,262,802**
[13] A1

[51] **Int.Cl. 6B65D 3/22 6B32B 1/00 6B32B 5/18 6B65D 81/38**
[25] EN
[54] **HEAT INSULATING PAPER CUPS**
[54] **Gobelets en papier calorifuges**
[72] INGRAM, Mikel A., US
[72] SCHMELZER, Michael A., US
[72] PENN, Diana L., US
[71] FORT JAMES CORPORATION, US
[22] 1999-02-24
[43] 1999-09-06
[30] US (09/035,759) 1998-03-06

[21] **2,262,811**
[13] A1

[51] **Int.Cl. 6B27M 1/02**
[25] EN
[54] **A METHOD AND APPARATUS FOR INCREASING THE HARDNESS AND INTENSITY OF WOOD**
[54] **METHODE ET APPAREIL POUR ACCROITRE LA DURETE ET L'INTENSITE DU BOIS**
[72] AN, Sun-Tae, KR
[71] AN, Sun-Tae, KR
[22] 1999-03-09
[43] 1999-09-11
[30] KR (98-008909) 1998-03-11

[21] **2,262,836**
[13] A1

[51] **Int.Cl. 6B60K 15/03**
[25] EN
[54] **A FUEL TANK**
[54] **RESERVOIR DE CARBURANT**
[72] ISHIKAWA, Takuya, JP
[72] MIURA, Katsuyuki, JP
[72] GOTO, Teijiro, JP
[72] ISHIKAWA, Takashi, JP
[71] HORIE KINZOKU KOGYO KABUSHIKI KAISHA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 1999-03-04
[43] 1999-09-05
[30] JP (10-53739) 1998-03-05

[21] **2,262,803**
[13] A1

[51] **Int.Cl. 6B65H 3/46 6B65H 3/04 6B65H 3/56**
[25] EN
[54] **SHEET FEEDER**
[54] **DISPOSITIF D'ALIMENTATION FEUILLE A FEUILLE**
[72] VEDDY, Arild, US
[72] NORDLING, Neal F., US
[72] NORDLING, Mark, US
[71] MULTIFEEDER TECHNOLOGY, INC., US
[22] 1999-02-24
[43] 1999-09-02
[30] US (09/032,825) 1998-03-02

[21] **2,262,822**
[13] A1

[51] **Int.Cl. 6H04N 17/00 6H04N 5/21**
[25] EN
[54] **ESTIMATING THE DIFFERENCE IN PICTURE QUALITY BETWEEN TWO VERSIONS OF A VIDEO SIGNAL**
[54] **EVALUATION DE LA DIFFERENCE DE QUALITE D'IMAGE ENTRE DEUX VERSIONS D'UN SIGNAL VIDEO**
[72] BOCK, Alois Martin, GB
[71] NDS LIMITED, GB
[22] 1999-02-24
[43] 1999-09-10
[30] GB (9805035.4) 1998-03-10

[21] **2,262,843**
[13] A1

[51] **Int.Cl. 6C07C 275/24 6C07C 271/20 6C07C 275/26 6C08K 5/29**
[25] EN
[54] **CARBODIIMIDES AND THEIR PREPARATION**
[54] **CARBODIIMIDES ET LEUR PREPARATION**
[72] KOKEL, Nicolas, DE
[72] HÄBERLE, Karl, DE
[72] KRAUS, Rupert, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[22] 1999-03-05
[43] 1999-09-06
[30] DE (198 09 634.8) 1998-03-06

[21] **2,262,806**
[13] A1

[51] **Int.Cl. 6C08L 75/04 6A61K 7/02 6A61K 7/043 6A61K 7/06 6A61K 7/48**
[25] FR
[54] **COMPOSITION FILMOGENE COMPRENANT UN POLYURETHANE EN DISPERSION AQUEUSE ET UN AGENT PLASTIFIANT**
[54] **FILM-FORMING COMPOSITION COMPRISING A WATER-DISPERSED POLYURETHANE AND A PLASTICIZING AGENT**
[72] DE LA POTERIE, Valérie, FR
[71] L'OREAL, FR
[22] 1999-03-08
[43] 1999-09-09
[30] FR (98 02 838) 1998-03-09

[21] **2,262,828**
[13] A1

[51] **Int.Cl. 6B01J 23/38 6C25B 11/08**
[25] FR
[54] **CATALYSEUR BIMETALLIQUE SUPPORTE A BASE DE PLATINE OU D'ARGENT, SON PROCEDE DE FABRICATION ET SON UTILISATION POUR LES CELLULES ELECTROCHIMIQUES**
[54] **BIMETAL PLATINUM OR SILVER SUPPORTED CATALYST, PRODUCTION METHOD AND USE FOR SAME IN ELECTROCHEMICAL CELLS**
[72] ANDOLFATTO, Françoise, FR
[72] MIACHON, Sylvain, FR
[71] ELF ATOCHEM S.A., FR
[22] 1999-03-02
[43] 1999-09-03
[30] FR (98 02 555) 1998-03-03

[21] **2,262,850**
[13] A1

[51] **Int.Cl. 6D02G 3/04 6A62C 17/00**
[25] EN
[54] **FIRE ESCAPE BLANKET AND OTHER MELAMINE RESIN CONTAINING COMPOSITIONS AND PRODUCTS WITH FIRE BLOCKING PROPERTIES**
[54] **COUVERTURE IGNIFUGE ET AUTRES COMPOSITIONS ET PRODUITS ANTIFLAMMES CONTENANT DE LA RESINE DE MELAMINE**
[72] SAMMAKIA, Awni, US
[72] JOHNSON, Karen L., US
[72] KENT, George M., US
[71] BASF CORPORATION, US
[22] 1999-03-05
[43] 1999-09-06
[30] US (09/036,513) 1998-03-06

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,262,868**
[13] A1

[51] **Int.Cl. 6C07F 17/00 6C08F 10/00 6C07F 7/08 6C07C 25/22 6C07C 15/24 6C08F 4/64**
[25] EN
[54] **BRIDGED METALLOCENE COMPLEX FOR THE (CO)POLYMERIZATION OF OLEFINS**
[54] **COMPLEXE METALLOCENE POUR LA (CO)POLYMERISATION DES OLEFINES**
[72] LONGHINI, Gianfranco, IT
[72] BIAGINI, Paolo, IT
[72] MASI, Francesco, IT
[72] BORSOTTI, Giampietro, IT
[72] PROTO, Antonio, IT
[72] SANTI, Roberto, IT
[72] BANZI, Viviano, IT
[71] ENICHEM S.p.A., IT
[22] 1999-03-08
[43] 1999-09-10
[30] IT (MI 98/A 000479) 1998-03-10

[21] **2,262,924**
[13] A1

[51] **Int.Cl. 6A61B 5/05**
[25] EN
[54] **DEVICE AND METHOD FOR MEASURING THE COMPOSITION OF THE BODY**
[54] **DISPOSITIF ET METHODE DE MESURE DE LA COMPOSITION CORPORELLE**
[72] SARRAZIN, Michel, FR
[72] DUBORPER, Alain, FR
[71] SEB S.A., FR
[22] 1999-03-02
[43] 1999-09-03
[30] FR (98 02 550) 1998-03-03

[21] **2,262,942**
[13] A1

[51] **Int.Cl. 6H04L 12/16 6H04M 11/06**
[25] EN
[54] **METHOD OF TRANSFERRING STATUS DATA, SERVER COMPUTER, AND SERVICE CONTROL POINT**
[54] **METHODE DE TRANSFERT DE DONNEES D'ETAT, ORDINATEUR-SERVEUR ET POINT DE COMMANDE DE SERVICES**
[72] STAHL, Uwe, DE
[72] LAUTENSCHLAGER, Wolfgang, DE
[71] ALCATEL, FR
[22] 1999-03-03
[43] 1999-09-09
[30] DE (198 09 799.9) 1998-03-09

[21] **2,262,947**
[13] A1

[51] **Int.Cl. 6G08B 13/22 6B65D 79/00 6B65D 85/00**
[25] EN
[54] **THEFT-DETERRENT TAPE MEASURE PACKAGE**
[54] **ENSEMBLE DE METRE A RUBAN ANTIVOL**
[72] CZOPOR, Edmund J., Jr., US
[72] PENDERGRAPH, Melvin A., US
[72] BYRNE, Alan T., US
[72] HART, Richard H., US
[71] THE STANLEY WORKS INC., US
[22] 1999-02-24
[43] 1999-09-06
[30] US (60/077,009) 1998-03-06
[30] US (09/243,444) 1999-02-03

[21] **2,262,963**
[13] A1

[51] **Int.Cl. 6G01S 13/75 6B65D 25/00 6B65F 1/00 6A45C 13/42**
[25] EN
[54] **EMBEDDED INDENTIFICATION DEVICE**
[54] **DISPOSITIF D'IDENTIFICATION INTEGRE**
[72] HARD, Amy L., US
[72] HAYES, Doyle A., Sr., US
[72] FLESCH, Gregory J., US
[71] PYPYER PRODUCTS CORPORATION, US
[22] 1999-03-03
[43] 1999-09-03
[30] US (60/076,617) 1998-03-03

[21] **2,262,968**
[13] A1

[51] **Int.Cl. 6F16D 3/84**
[25] EN
[54] **BOOT WITH INSERTABLE BUSHING**
[54] **SYSTEME DE SOUFFLET ET DE BAGUE RAPPORTEE**
[72] ZORIC, George, CA
[72] SADR, Changize, CA
[71] SALFLEX POLYMERS LTD., CA
[22] 1999-02-23
[43] 1999-09-11
[30] US (09/037,828) 1998-03-11

[21] **2,263,010**
[13] A1

[51] **Int.Cl. 6B62D 55/26**
[25] EN
[54] **RUBBER PADS**
[54] **COUSSINETS EN CAOUTCHOUC**
[72] NAKAYAMA, Koji, JP
[71] BRIDGESTONE CORPORATION, JP
[22] 1999-02-25
[43] 1999-09-01
[30] JP (10/66,203) 1998-03-01

[21] **2,263,011**
[13] A1

[51] **Int.Cl. 6A47L 5/22 6A47L 9/00**
[25] EN
[54] **VACUUM CLEANER WITH THREE STAGE AIR INDUCTION SYSTEM**
[54] **ASPIRATEUR MUNI DE SYSTEME D'ADMISSION D'AIR A TROIS ELEMENTS**
[72] TRACY, William R., US
[72] SHIMIZU, Yuichi, US
[71] MATSUSHITA HOME APPLIANCE CORPORATION OF AMERICA, US
[22] 1999-02-25
[43] 1999-09-11
[30] US (60/077,545) 1998-03-11

[21] **2,263,012**
[13] A1

[51] **Int.Cl. 6F01D 5/08 6F01D 25/12**
[25] EN
[54] **GAS TURBINE MOVING BLADE PLATFORM**
[54] **PLATE-FORME POUR PALES DE TURBINE A GAZ**
[72] FUKUE, Ichiro, JP
[72] SUENAGA, Kiyoshi, JP
[72] TOMITA, Yasuoki, JP
[72] AKITA, Eiji, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1999-02-25
[43] 1999-09-03
[30] JP (10-050444) 1998-03-03
[30] JP (10-090016) 1998-04-02

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,263,013**
[13] A1

[51] **Int.Cl. 6F01D 25/12**
[25] EN
[54] **GAS TURBINE**
[54] **TURBINE A GAZ**
[72] SUENAGA, Kiyoshi, JP
[72] CHIKAMI, Rintaro, JP
[72] AIZAWA, Akiko, JP
[72] WATANABE, Koji, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1999-02-25
[43] 1999-09-03
[30] JP (10-050442) 1998-03-03
[30] JP (10-066715) 1998-03-17

[21] **2,263,017**
[13] A1

[51] **Int.Cl. 6A01K 1/01 6A01K 1/015**
[25] EN
[54] **CAT LITTER BOX WITH BAG SYSTEM**
[54] **LITIERE POUR CHAT MUNIE DE SACS DE NETTOYAGE**
[72] SEO, Eun Sook, US
[72] POWERS, Brent, US
[71] SEO, Eun Sook, US
[71] POWERS, Brent, US
[22] 1999-02-25
[43] 1999-09-10
[30] US (09/037,593) 1998-03-10

[21] **2,263,022**
[13] A1

[51] **Int.Cl. 6B65D 33/24**
[25] EN
[54] **PINCH-GRIP ZIPPER**
[54] **FERMETURE A GLISSIERE AVEC RESSERREMENT PAR PINCEMENT**
[72] MALIN, Arthur, US
[72] RAMSEY, Ronald L., US
[72] SHARE, Lawrence, US
[72] SCOTT, Richmond M., US
[72] HOGAN, Robert, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1999-02-25
[43] 1999-09-06
[30] US (09/036,232) 1998-03-06

[21] **2,263,024**
[13] A1

[51] **Int.Cl. 6A01D 34/64 6A01D 34/82**
[25] EN
[54] **FOUR BAR LINKAGE MOUNTING FOR MOWERS**
[54] **MONTAGE DE TRINGLERIE A QUATRE TIGES POUR FAUCHEUSE**
[72] EGGENA, Dean A., US
[72] WATTS, Verne C., US
[72] CHARLES, Deyo, US
[72] VOSBERG, Curtis W., US
[72] KACZMARSKI, Wally L., US
[71] CLARK EQUIPMENT COMPANY, US
[22] 1999-02-25
[43] 1999-09-02
[30] US (09/033,382) 1998-03-02

[21] **2,263,025**
[13] A1

[51] **Int.Cl. 6F16B 35/00 6F16B 41/00 6F16B 43/00 6F16B 39/28**
[25] EN
[54] **A FASTENING OF AN ASSEMBLY PART ONTO A CARRIER PART**
[54] **ATTACHE D'UNE PIECE D'ASSEMBLAGE A UNE PIECE PORTEUSE**
[72] SZEZUKOWSKI, Adi, DE
[72] KIRCHHOFF, Peter, DE
[72] SPICKENHEIER, Klaus, DE
[71] ITW AUTOMOTIVE PRODUCTS GMBH & CO. KG, DE
[22] 1999-02-25
[43] 1999-09-07
[30] DE (298 04 041.7) 1998-03-07

[21] **2,263,029**
[13] A1

[51] **Int.Cl. 6F01D 25/12**
[25] EN
[54] **COOLING STRUCTURE AROUND L-SHAPED VERTICAL TYPE GAS TURBINE OUTPUT SHAFT**
[54] **STRUCTURE DE REFROIDISSEMENT ENTOURANT L'ARBRE DE SORTIE D'UNE TURBINE A GAZ VERTICALE EN EQUERRE**
[72] UEMATSU, Kazuo, JP
[72] MAEDA, Seiji, JP
[72] MASUDA, Masahiro, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1999-02-25
[43] 1999-09-02
[30] JP (10-049439) 1998-03-02

[21] **2,263,036**
[13] A1

[51] **Int.Cl. 6F02G 5/02 6F02C 6/18**
[25] EN
[54] **GAS TURBINE COMBINED CYCLE**
[54] **CYCLE COMBINE POUR TURBINE A GAZ**
[72] AKITA, Eiji, JP
[72] SUGISHITA, Hideaki, JP
[72] UEMATSU, Kazuo, JP
[72] MORI, Hidetaka, JP
[72] TSUKUDA, Yoshiaki, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1999-02-25
[43] 1999-09-04
[30] JP (10-051879) 1998-03-04

[21] **2,263,037**
[13] A1

[51] **Int.Cl. 6A61K 7/13**
[25] FR
[54] **PROCEDE DE TEINTURE D'OXYDATION ET COMPOSITION DE TEINTURE D'OXYDATION POUR FIBRES KERATINIQUES COMPRENANT UN POLYMERE AMPHIPHILE CATIONIQUE**
[54] **OXIDATION/DYEING TECHNIQUE AND OXIDATION DYEING COMPOSITION FOR KERATIN FIBRES, EMPLOYING A CATIONIC AMPHIPHILIC POLYMER**
[72] LAURENT, Florence, FR
[72] DE LA METTRIE, Roland, FR
[71] L'OREAL, FR
[22] 1999-02-25
[43] 1999-09-06
[30] FR (98/02775) 1998-03-06

[21] **2,263,039**
[13] A1

[51] **Int.Cl. 6B65B 13/22**
[25] EN
[54] **BAND TENSIONING DEVICE ON A STRAPPING MACHINE**
[54] **DISPOSITIF TENDEUR DE LIENS D'UNE CERCLEUSE**
[72] FISCHER, Charles, CH
[71] STRAPEX HOLDING AG, CH
[22] 1999-02-25
[43] 1999-09-09
[30] CH (1998 0551/98) 1998-03-09

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,263,047**
[13] A1
[51] **Int.Cl. 6B60D 1/48**
[25] EN
[54] **ONE-PIECE PINTLE HITCH**
[54] **CROCHET D'ATTELAGE**
MONOPIECE
[72] GRIES, Thomas A., US
[72] SALTZMAN, Mark J., US
[71] BUYERS PRODUCTS COMPANY,
INC., US
[22] 1999-02-25
[43] 1999-09-06
[30] US (09/095,198) 1998-06-19
[30] US (60/077,028) 1998-03-06

[21] **2,263,055**
[13] A1
[51] **Int.Cl. 6H01Q 13/10**
[25] EN
[54] **WIDEBAND SLOT-LOOP**
ANTENNAS FOR WIRELESS
COMMUNICATION SYSTEMS
[54] **ANTENNES CADRES A LARGE**
BANDE ET A FENTES POUR
SYSTEMES DE COMMUNICATIONS
SANS FIL
[72] WANG, Wutu, CN
[72] QI, Yihong, CA
[72] CHEN, Xifan, CA
[72] ZHU, Lizhong, CA
[71] SUPERPASS COMPANY INC., CA
[22] 1999-02-26
[43] 1999-09-05
[30] US (09/035,697) 1998-03-05

[21] **2,263,086**
[13] A1
[51] **Int.Cl. 6A61F 2/38**
[25] EN
[54] **FOUR COMPARTMENT KNEE**
[54] **IMPLANT POUR GENOU A**
QUATRE COMPARTIMENTS
[72] ROHR, William, US
[72] HORI, Roy Yoshikazu, JP
[72] BECKMAN, Audrey, US
[72] OHKUNI, Kyoko, JP
[72] HELDRETH, Mark, US
[72] INSALL, John, US
[72] ZAWADZKI, Steve, US
[72] WEBSTER, Vince, US
[71] BRISTOL-MYERS SQUIBB
COMPANY, US
[22] 1999-02-26
[43] 1999-09-10
[30] US (09/037,417) 1998-03-10

[21] **2,263,090**
[13] A1
[51] **Int.Cl. 6C07D 251/24 6C07D 251/22**
[25] EN
[54] **NOVEL METHODS FOR THE**
PREPARATION OF TRISARYL-O-
HYDROXYPHENYL-S-TRIAZINES
[54] **DES TECHNIQUES NOVATRICES**
POUR LA PREPARATION DES
TRISARYLE-O-HYDROXYPHENIL-S-
TRIAZINES
[72] STEVENSON, Tyler Arthur, US
[72] ACKERMAN, Michael, US
[72] OSWALD, John Francis, CH
[72] SCHREGENBERGER, Christian, CH
[72] MEUWLY, Roger, CH
[72] HAYOZ, Pascal, CH
[71] CIBA SPECIALTY CHEMICALS
HOLDING INC., CH
[22] 1999-02-26
[43] 1999-09-02
[30] US (09/033,266) 1998-03-02

[21] **2,263,113**
[13] A1
[51] **Int.Cl. 6A47C 3/02 6A47B 91/00**
6A47C 7/00 6A47D 13/10
[25] EN
[54] **ROCKING AND GLIDING**
MECHANISM FOR FURNITURE
[54] **MECANISME DE BERCEMENT ET**
DE GLISSEMENT POUR MEUBLES
[72] DESNOYERS, Charles, CA
[72] BELLEFLEUR, Pierre, CA
[71] DUTAILIER INTERNATIONAL INC.,
CA
[22] 1999-02-26
[43] 1999-09-09
[30] CA (2,231,701) 1998-03-09

[21] **2,263,123**
[13] A1
[51] **Int.Cl. 6B65D 81/38 6B65D 51/00**
[25] EN
[54] **THERMALLY INSULATED**
SYNTHETIC RESIN CONTAINER,
THERMALLY INSULATED
SYNTHETIC RESIN LID AND
MANUFACTURING METHOD
THEREFOR
[54] **CONTENEUR ET COUVERCLE A**
BASE DE RESINE SYNTHETIQUE
ISOLES THERMIQUEMENT ET
METHODE DE FABRICATION
[72] YAMADA, Masashi, JP
[72] FUJII, Takafumi, JP
[72] TANAKA, Atsuhiko, JP
[72] FURUYAMA, Kensuke, JP
[71] NIPPON SANSO CORPORATION, JP
[22] 1999-03-01
[43] 1999-09-05
[30] JP (10-053978) 1998-03-05

[21] **2,263,139**
[13] A1
[51] **Int.Cl. 6G01N 33/543 6G01N 33/558**
[25] EN
[54] **METHOD AND DEVICE FOR THE**
DETECTION OF AN ANALYTE IN A
FLUID TEST SAMPLE
[54] **METHODE ET DISPOSITIF POUR**
LA DETECTION D'UNE MATIERE A
ANALYSER DANS UN ECHANTILLON
D'ESSAI FLUIDE
[72] HATCH, Robert P., US
[72] YIP, Meitak Teresa, US
[71] BAYER CORPORATION, US
[22] 1999-03-01
[43] 1999-09-02
[30] US (09/032,884) 1998-03-02

[21] **2,263,176**
[13] A1
[51] **Int.Cl. 6C08F 10/06 6C08F 210/06**
6C08F 4/62
[25] EN
[54] **ATACTIC PROPYLENE (CO)**
POLYMERS
[54] **(CO)POLYMERES ATACTIQUES**
DE PROPYLENE
[72] BECKE, Sigurd, DE
[72] LANG, Heinrich, DE
[72] WEISS, Thomas, DE
[71] BAYER AKTIENGESELLSCHAFT,
DE
[22] 1999-03-01
[43] 1999-09-04
[30] DE (19809160.5) 1998-03-04

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,263,180**
[13] A1

[51] **Int.Cl. 6C09J 177/00 6C09J 11/00 6C09J 167/00 6C09J 5/06**
[25] EN
[54] **CROSSLINKING BASE LAYER FOR BONDABLE INTERLININGS IN ACCORDANCE WITH THE DOUBLE DOT TECHNIQUE**
[54] **COUCHE DE BASE DE COUPLAGE D'ENTREDOUBLURES LIABLE SELON LA TECHNIQUE DU DOUBLE POINT**
[72] GURKE, Thorsten, DE
[72] SIMON, Ulrich, DE
[72] LOSENSKY, Hans-Willi, DE
[71] HULS AKTIENGESELLSCHAFT, DE
[22] 1999-03-01
[43] 1999-09-03
[30] DE (19808809.4) 1998-03-03

[21] **2,263,191**
[13] A1

[51] **Int.Cl. 6C09D 1/00 6C23C 14/06 6C23C 14/35**
[25] EN
[54] **BRASS-COLORED COATING PATENT**
[54] **BREVET POUR REVETEMENT CUIVRE**
[72] BUDKE, Elisabeth, DE
[72] SCHUSSLER, Hans, DE
[72] KREMPEL-HESSE, Jörg, DE
[72] MAIDHOF, Hans, DE
[71] LEYBOLD SYSTEMS GMBH, DE
[22] 1999-03-01
[43] 1999-09-05
[30] DE (198 09 408.6) 1998-03-05

[21] **2,263,227**
[13] A1

[51] **Int.Cl. 6B04B 5/00 6G01N 15/05 6A61J 1/16**
[25] EN
[54] **METHOD FOR USING DISPOSABLE BLOOD TUBE HOLDER**
[54] **METHODE D'EMPLOI D'UN SYSTEME DE TUBE JETABLE POUR PRELEVEMENT SANGUIN**
[72] THOMAS, Bradley S., US
[72] KELLY, Michael A., US
[72] WALTERS, Michael R., US
[72] KING, Edward G., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1999-02-26
[43] 1999-09-02
[30] US (09/033,119) 1998-03-02

[21] **2,263,185**
[13] A1

[51] **Int.Cl. 6C07F 17/00 6C07F 5/02 6C07C 22/04 6C07F 7/12 6C07F 7/30 6C07F 9/53**
[25] EN
[54] **ORGANOMETALLIC COMPOUNDS**
[54] **COMPOSES ORGANO-METALLIQUES**
[72] LANG, Heinrich, DE
[72] BECKE, Sigurd, DE
[72] WEISS, Thomas, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 1999-03-01
[43] 1999-09-04
[30] DE (19809159.1) 1998-03-04

[21] **2,263,203**
[13] A1

[51] **Int.Cl. 6C07H 17/00 6A61K 31/70**
[25] EN
[54] **3,6-KETAL AND ENOL ETHER MACROLIDE ANTIBIOTICS**
[54] **ANTIBIOTIQUES MACROLIDES 3,6 CETAL ET ETHER ENOL**
[72] SAKYA, Subas M., US
[72] BERTINATO, Peter, US
[72] CHENG, Hengmiao, US
[72] MINICH, Martha L., US
[72] LUNDY, Kristin M., US
[71] PFIZER PRODUCTS INC., US
[22] 1999-03-01
[43] 1999-09-03
[30] US (60/076,630) 1998-03-03

[21] **2,263,231**
[13] A1

[51] **Int.Cl. 6A61K 7/06**
[25] EN
[54] **ALKALINE HAIR CONDITIONING COMPOSITIONS CONTAINING CATIONIC GUAR**
[54] **COMPOSITIONS REVITALISANTES ALCALINES CONTENANT DU GUAR CATIONIQUE**
[72] VARCO, Joseph J., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 1999-03-01
[43] 1999-09-05
[30] US (09/035,392) 1998-03-05

[21] **2,263,187**
[13] A1

[51] **Int.Cl. 6H04Q 7/30 6H04J 13/00 6H04Q 7/22**
[25] EN
[54] **CELLULAR SYSTEM**
[54] **SYSTEME DE TRANSMISSION CELLULAIRE**
[72] SATO, Toshifumi, JP
[71] NEC CORPORATION, JP
[22] 1999-02-26
[43] 1999-09-04
[30] JP (051656/1998) 1998-03-04

[21] **2,263,216**
[13] A1

[51] **Int.Cl. 6E21C 35/04 6E21F 17/18**
[25] EN
[54] **ATMOSPHERIC DETECTION SYSTEM FOR AN AUTOMATED MINING SYSTEM**
[54] **SYSTEME DE DETECTION ATMOSPHERIQUE POUR EXPLOITATION MINIERE AUTOMATISEE**
[72] RETZER, Patrick E., US
[72] STICKEL, Danny L., US
[71] ARCH TECHNOLOGY CORPORATION, US
[22] 1999-02-26
[43] 1999-09-10
[30] US (09/037,614) 1998-03-10

[21] **2,263,232**
[13] A1

[51] **Int.Cl. 6B04B 5/00 6G01N 15/05 6B01L 9/06 6A61J 1/16**
[25] EN
[54] **DISPOSABLE BLOOD TUBE HOLDER**
[54] **SYSTEME DE TUBE DE PRELEVEMENT SANGUIN JETABLE**
[72] THOMAS, Bradley S., US
[72] WALTERS, Michael R., US
[72] KING, Edward G., US
[72] KELLY, Michael A., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1999-02-26
[43] 1999-09-02
[30] US (09/033,373) 1998-03-02

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,263,235**
[13] A1

[51] **Int.Cl. 6H01J 61/02**
[25] EN
[54] **FLASH TUBE REFLECTOR WITH ARC GUIDE**
[54] **REFLECTEUR DE TUBE FLASH MUNI DE GUIDAGE D'ARC**
[72] THOMAS, Bradley Scott, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1999-02-26
[43] 1999-09-02
[30] US (09/032,935) 1998-03-02

[21] **2,263,236**
[13] A1

[51] **Int.Cl. 6E02D 31/00 6E02D 29/00**
[25] EN
[54] **PROTECTIVE NETTING COMPRISING CONNECTED CROSSED CABLES, FOR EXAMPLE SNO W OR GROUND NETTING**
[54] **FILET PROTECTEUR COMPRENANT DES CABLES CROISES ET RELIES, POUR EMPLOI AU SOL OU DANS LA NEIGE**
[72] FERRAILOLO, Francesco, IT
[71] OFFICINE MACCAFERRI S.P.A., IT
[22] 1999-03-01
[43] 1999-09-02
[30] EP (98830109.9) 1998-03-02

[21] **2,263,237**
[13] A1

[51] **Int.Cl. 6G09F 3/20 6A47F 5/00**
[25] EN
[54] **SIGN HOLDER FOR TICKET MOLDINGS, STRIP FORM LABEL CARRIERS AND THE LIKE**
[54] **PORTE-AFFICHE POUR MOULURES A BILLETS, SUPPORTS D'ETIQUETTES ET ELEMENTS SEMBLABLES**
[72] NAGEL, Thomas O., US
[71] TRION INDUSTRIES, INC., US
[22] 1999-02-26
[43] 1999-09-06
[30] US (09/036,456) 1998-03-06

[21] **2,263,243**
[13] A1

[51] **Int.Cl. 6E21C 41/00**
[25] EN
[54] **HYDRAULIC FRACTURING OF ORE BODIES**
[54] **FRACTURATION HYDRAULIQUE DES CORPS MINERALISES**
[72] JEFFREY, Robert Graham Jnr., AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[22] 1999-02-26
[43] 1999-09-02
[30] AU (PP2094) 1998-03-02

[21] **2,263,245**
[13] A1

[51] **Int.Cl. 6B65D 30/10 6B65D 33/00**
[25] EN
[54] **PREFORMED TOBACCO PACKAGE**
[54] **EMBALLAGE DE TABAC PREFORME**
[72] BERG, Ewoud Alfonses, NL
[71] VAN NELLE TABAK NEDERLAND B.V., NL
[22] 1999-03-01
[43] 1999-09-03
[30] NL (1008459) 1998-03-03

[21] **2,263,247**
[13] A1

[51] **Int.Cl. 6H04L 12/54 6G11B 23/00 6G06F 15/00 6H04N 1/00 6H04L 12/04 6H04N 1/32**
[25] EN
[54] **COMMUNICATION APPARATUS AND COMMUNICATION METHOD**
[54] **APPAREIL ET METHODE DE COMMUNICATION**
[72] OGAWA, Hidehiko, JP
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP
[22] 1999-03-01
[43] 1999-09-02
[30] JP (10-66226) 1998-03-02

[21] **2,263,251**
[13] A1

[51] **Int.Cl. 6E21F 5/02 6E21C 35/04**
[25] EN
[54] **FIRE SUPPRESSION SYSTEM FOR AN AUTOMATED MINING SYSTEM**
[54] **SYSTEME D'EXTINCTION DES INCENDIES POUR EXPLOITATION MINIERE AUTOMATISEE**
[72] McCORMICK, Thomas W., US
[72] STICKEL, Danny L., US
[72] OFFUTT, Larry G., AU
[72] CHRISTOPHER, David A., US
[72] RETZNER, Patrick E., US
[71] ARCH TECHNOLOGY CORPORATION, US
[22] 1999-02-26
[43] 1999-09-10
[30] US (09/037,650) 1998-03-10

[21] **2,263,252**
[13] A1

[51] **Int.Cl. 6H04B 1/00 6H04Q 9/00 6H04N 7/18 6H04L 12/42**
[25] EN
[54] **COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION**
[72] MIYAKAWA, Tadashi, JP
[72] YOSHIDA, Shigeru, JP
[72] SUZUKI, Muneyuki, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 1999-03-01
[43] 1999-09-02
[30] JP (49891/1998) 1998-03-02
[30] JP (115805/1998) 1998-04-24

[21] **2,263,255**
[13] A1

[51] **Int.Cl. 6F01D 7/00**
[25] EN
[54] **CIRCULAR STAGE OF VANES AT INTERNAL ENDS CONNECTED BY A CONNECTING RING**
[54] **PLATEAU CIRCULAIRE D'AUBES PLACE AUX EXTREMITES INTERNES ET RATTACHE AU STATOR PAR UNE BAGUE DE RACCORD**
[72] MARLIN, Anne-Cécile Christine, FR
[72] AGRAM, Daniel André, FR
[71] SOCIÉTÉ NATIONALE D'ÉTUDE ET DE CONSTRUCTION DE MOTEUR D'AVIATION "SNECM, FR
[22] 1999-03-01
[43] 1999-09-05
[30] FR (98 02675) 1998-03-05

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,263,261**
[13] A1

[51] **Int.Cl. 6F27D 7/06 6F27B 5/04**
[25] EN
[54] **PROTECTIVE ATMOSPHERE HEATING**
[54] **CHAUFFAGE ATMOSPHERIQUE A COUCHE DE PROTECTION**
[72] LI, Xueping, US
[72] FRANCIS, Arthur Wellington Jr., US
[72] KOBAYASHI, Hisashi, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 1999-03-01
[43] 1999-09-03
[30] US (09/033,068) 1998-03-03

[21] **2,263,265**
[13] A1

[51] **Int.Cl. 6B08B 5/02 6F04D 17/08 6F04D 29/44**
[25] EN
[54] **DEBRIS BLOWER**
[54] **SOUFFLEUSE DES DEBRIS DIVERS**
[72] HASSKAMP, Scott, US
[71] HASSKAMP, Scott, US
[22] 1999-03-01
[43] 1999-09-02
[30] US (09/033,226) 1998-03-02

[21] **2,263,269**
[13] A1

[51] **Int.Cl. 6A61C 13/15**
[25] EN
[54] **DEVICE FOR CURING WITH LIGHT**
[54] **DISPOSITIF POUR LE TRAITEMENT A LA LUMIERE DU MATERIEL DE DENTISTERIE**
[72] SENN, Bruno, CH
[72] ROHNER, Gottfried, CH
[72] FRITSCH, Gregor, CH
[71] IVOCLAR AG, LI
[22] 1999-03-01
[43] 1999-09-11
[30] DE (P 198 10 573.8) 1998-03-11

[21] **2,263,270**
[13] A1

[51] **Int.Cl. 6G03B 17/24 6G03B 31/04 6G03B 31/06**
[25] EN
[54] **FILM CAMERA WITH DATA RECORDATION**
[54] **CAMERA CINEMATOGRAPHIQUE A ENREGISTREUR DE DONNEES**
[72] BAUER, Fritz, AT
[71] BAUER, Fritz, AT
[22] 1999-03-02
[43] 1999-09-03
[30] AT (A 367/98) 1998-03-03

[21] **2,263,277**
[13] A1

[51] **Int.Cl. 6H04L 29/10 6H04B 7/185**
[25] EN
[54] **CARRIER ACTIVATION FOR DATA COMMUNICATIONS**
[54] **MISE EN SERVICE DE SUPPORT D'INFORMATION POUR LA TRANSMISSION DE DONNEES**
[72] WONG, Siu Wah, GB
[72] FELDMAN, Howard Ray, GB
[71] INTERNATIONAL MOBILE SATELLITE ORGANIZATION, GB
[22] 1999-03-02
[43] 1999-09-04
[30] GB (9804640.2) 1998-03-04
[30] GB (9804639.4) 1998-03-04

[21] **2,263,280**
[13] A1

[51] **Int.Cl. 6H04L 27/34 6H04L 27/10 6H04B 7/185**
[25] EN
[54] **COMMUNICATION METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE COMMUNICATION**
[72] CHRISTODOULIDES, Louis, GB
[72] FELDMAN, Howard Ray, GB
[72] WONG, Hok Shuen, GB
[72] WONG, Siu Wah, GB
[72] TRACHTMAN, Eyal, GB
[71] INTERNATIONAL MOBILE SATELLITE ORGANIZATION, GB
[22] 1999-03-02
[43] 1999-09-04
[30] GB (9804640.2) 1998-03-04
[30] GB (9804639.4) 1998-03-04

[21] **2,263,292**
[13] A1

[51] **Int.Cl. 6C04B 24/26**
[25] EN
[54] **CEMENT DISPERSANTS AND METHOD OF PRODUCING CONCRETE BY USING SAME**
[54] **DISPERSANTS CIMENTAIRE ET METHODE DE PRODUCTION DE CIMENT A L'AIDE DES DISPERSANTS**
[72] KINOSHITA, Mitsuo, JP
[72] OKADA, Kazuhisa, JP
[72] IIDA, Masahiro, JP
[71] TAKEMOTO YUSHI KABUSHIKI KAISHA, JP
[22] 1999-03-02
[43] 1999-09-03
[30] JP (10-069482) 1998-03-03
[30] JP (10-267319) 1998-09-04
[30] US (09/251-927) 1999-02-17

[21] **2,263,318**
[13] A1

[51] **Int.Cl. 6A43C 15/00 6A43C 15/02 6A43C 15/10**
[25] EN
[54] **TRACTION ALTERING FOOTWEAR ATTACHMENT DEVICE WITH RESILIENT MOUNTING RING AND FIBER GROUND ENGAGEMENT SURFACE**
[54] **FIXATION AU PIED MODIFIANT LA TRACTION, MUNIE D'UNE BAGUE DE MONTAGE ET D'UNE SURFACE DE FIXATION AU SOL EN FIBRE**
[72] BELL, Jonathan Marc, US
[72] BELL, Eric P., US
[72] BELL, Michael, US
[71] BELL, Michael, US
[22] 1999-03-01
[43] 1999-09-03
[30] US (09/033,573) 1998-03-03

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] 2,263,377
[13] A1

[51] **Int.Cl. 6H01B 7/28**
[25] EN
[54] **ELECTRICAL CABLE WITH SELF-REPAIRING PROTECTION**
[54] **CABLE ELECTRIQUE AVEC PROTECTION AUTOREPARABLE**
[72] BAREGGI, Alberto, IT
[72] BELLI, Sergio, IT
[72] BOSISIO, Claudio, IT
[72] CAIMI, Luigi, IT
[72] BALCONI, Luca, IT
[72] POZZATI, Giovanni, IT
[71] PIRELLI CAVI E SISTEMI S.P.A., IT
[22] 1999-02-25
[43] 1999-09-04
[30] EP (98 103 767.4) 1998-03-04

[21] 2,263,392
[13] A1

[51] **Int.Cl. 6C07D 311/36**
[25] EN
[54] **IPRIFLAVONE PREPARATION PROCESS**
[54] **PROCESSUS DE PREPARATION DES IPRIFLAVONES**
[72] FERRARI, Massimo, IT
[71] ERREGIERRE S.P.A., IT
[22] 1999-02-25
[43] 1999-09-10
[30] IT (MI98A000483) 1998-03-10

[21] 2,263,396
[13] A1

[51] **Int.Cl. 6G01L 17/00 6B60C 23/00**
[25] EN
[54] **OFF-THE-ROAD TIRE TEMPERATURE AND PRESSURE MONITORING SYSTEM**
[54] **SYSTEME DE MONITORAGE DE LA TEMPERATURE ET DE LA PRESSION D'UN PNEU EN MOUVEMENT**
[72] JONES, Morris N., III, US
[72] PROW, Robert, US
[72] WALTERS, Alan J., US
[72] BARRETT, Patrick H., US
[72] FULLER, John C., US
[72] FOSTER James C., US
[72] PRIDAY, Melvin M., US
[72] FULLER, Timothy C., US
[71] FULLER BROTHERS, INC., US
[22] 1999-02-25
[43] 1999-09-11
[30] US (09/038,761) 1998-03-11

[21] 2,263,457
[13] A1

[51] **Int.Cl. 6H01M 2/02**
[25] EN
[54] **PACKAGING ASSEMBLY FOR A LITHIUM BATTERY**
[54] **METHODE D'EMBALLAGE POUR BATTERIE AU LITHIUM**
[72] JACOBS, James K., CA
[72] DASGUPTA, Sankar, CA
[71] JACOBS, James K., CA
[71] DASGUPTA, Sankar, CA
[22] 1999-02-23
[43] 1999-09-06
[30] US (09/032,780) 1998-03-06

[21] 2,263,613
[13] A1

[51] **Int.Cl. 6B23B 27/20**
[25] EN
[54] **HARD SINTERED BODY TOOL**
[54] **OUTIL OBTENU PAR BRASAGE D'UN CORPS FRITTE DUR**
[72] KANADA, Yasuyuki, JP
[72] TOMITA, Kunihiko, JP
[72] NAKAI, Tetsuo, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1999-03-01
[43] 1999-09-02
[30] JP (10-49284) 1998-03-02
[30] JP (10-131509) 1998-05-14
[30] JP (10-221778) 1998-08-05
[30] JP (11-2043) 1999-01-07

[21] 2,263,617
[13] A1

[51] **Int.Cl. 6B08B 3/04 6B08B 3/02**
[25] EN
[54] **PORTABLE WASH AND RINSE SYSTEM WITH DILUTION**
[54] **SYSTEME DE NETTOYAGE ET DE RINCAGE PORTABLE, COMPRENANT MOYEN DE DILUTION DE PRODUITS NETTOYANTS**
[72] DAWSON, Mary M., US
[72] TOETSCHINGER, Mark, US
[71] ECOLAB INC., US
[22] 1999-03-01
[43] 1999-09-02
[30] US (09/033,229) 1998-03-02

[21] 2,263,619
[13] A1

[51] **Int.Cl. 6B04B 5/00 6G01N 15/04 6G01N 15/05**
[25] EN
[54] **INERTIAL TUBE INDEXER**
[54] **APPAREIL LECTEUR A INERTIE, POUR DES TUBES**
[72] WALTERS, Michael R., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1999-03-01
[43] 1999-09-02
[30] US (09/032,931) 1998-03-02

[21] 2,263,620
[13] A1

[51] **Int.Cl. 6B04B 5/00 6G01N 15/04 6G01N 15/05**
[25] EN
[54] **BLOOD CENTRIFUGATION DEVICE WITH MOVABLE OPTICAL READER**
[54] **PPAREIL DE CENTRIFUGATION POUR PRELEVEMENT SANGUIN, COMPRENANT UN LECTEUR OPTIQUE MOBILE**
[72] GAIDIS, Paul F., US
[72] KELLY, Michael A., US
[72] THOMAS, Bradley S., US
[72] WALTERS, Michael R., US
[72] SKEVINGTON, Edward M., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1999-03-01
[43] 1999-09-02
[30] US (09/033,368) 1998-03-02

[21] 2,263,635
[13] A1

[51] **Int.Cl. 6G02C 7/06**
[25] EN
[54] **MULTIFOCAL OCULAR LENS HAVING INTERMEDIATE REGION WITH CONTINUOUSLY VARYING OPTICAL POWER**
[54] **LENTILLE OCULAIRE MULTIFOCAL AYANT UNE REGION INTERMEDIAIRE A PUISSANCE OPTIQUE EN VARIATION CONSTANTE**
[72] GOTOU, Yuuzi, JP
[72] MIYAMURA, Kazuya, JP
[72] OHYAMA, Hiroyuki, JP
[72] SAWANO, Tadashi, JP
[71] MENICON CO., LTD., JP
[22] 1999-03-10
[43] 1999-09-11
[30] JP (10-59887) 1998-03-11
[30] JP (11-1776) 1999-01-07

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,263,772**
[13] A1

[51] **Int.Cl. 6G01S 11/06 6G08G 1/01**
[25] EN
[54] **SHORT RANGE POSITION LOCATING SYSTEM FOR TRANSPONDER**
[54] **SYSTEME DE LOCALISATION A COURTE PORTEE POUR TRANSPONDEUR**
[72] TIERNAY, Robert Walter, CA
[72] HO, Thua Van, CA
[71] MARK IV INDUSTRIES LIMITED, CA
[22] 1999-03-01
[43] 1999-09-06
[30] US (09/040,251) 1998-03-06

[21] **2,263,773**
[13] A1

[51] **Int.Cl. 6G11B 19/02**
[25] EN
[54] **DISK PLAYBACK DEVICE AND METHOD OF CONTINUOUSLY PLAYING BACK DISKS**
[54] **METHODE ET UNITE DE LECTURE DES DISQUES SANS INTERRUPTION ENTRE LES DISQUES**
[72] ONO, Yoshimasa, JP
[72] YOSHIDA, Masanao, JP
[72] MATSUMOTO, Katsuyuki, JP
[72] MIYAMOTO, Hitoshi, JP
[71] SANYO TECNOSOUND CO., LTD., JP
[71] SANYO ELECTRIC CO., LTD., JP
[22] 1999-03-01
[43] 1999-09-02
[30] JP (10-49590) 1998-03-02

[21] **2,263,775**
[13] A1

[51] **Int.Cl. 6H04L 25/08**
[25] EN
[54] **SIMPLY-CONSTRUCTED DIGITAL RADIO COMMUNICATION SYSTEM CAPABLE OF CHANGING TRANSMISSION CAPACITY MODE**
[54] **SYSTEME DE RADIOCOMMUNICATION NUMERIQUE A CONSTITUTION SIMPLE PERMETTANT DE VARIER LE MODE DE CAPACITE DE TRANSMISSION**
[72] OHNO, Katsumaru, JP
[71] NEC CORPORATION, JP
[22] 1999-03-01
[43] 1999-09-02
[30] JP (10-049291) 1998-03-02

[21] **2,263,776**
[13] A1

[51] **Int.Cl. 6G06F 12/14**
[25] EN
[54] **COMPACT TRANSPARENT DONGLE DEVICE**
[54] **DISPOSITIF COMPACT ET TRANSPARENT DE PROTECTION ELECTRONIQUE**
[72] AFGHANI, Bahram, US
[72] ANDERSON, Allan D., US
[72] PUNT, Maarten G., US
[72] GOETZ, Rudy, US
[72] GODDING, Patrick N., US
[71] RAINBOW TECHNOLOGIES, INC., US
[22] 1999-03-01
[43] 1999-09-05
[30] US (09/035,186) 1998-03-05

[21] **2,263,778**
[13] A1

[51] **Int.Cl. 6B04B 5/00 6G01N 15/04 6G01N 15/05**
[25] EN
[54] **METHOD OF USING INERTIAL TUBE INDEXER**
[54] **METHODE D'EMPLOI D'UN APPAREIL LECTEUR A INERTIE, POUR LA LECTURE DES ECHANTILLONS DANS UN TUBE**
[72] WALTERS, Michael R., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1999-03-01
[43] 1999-09-02
[30] US (09/033,367) 1998-03-02

[21] **2,263,779**
[13] A1

[51] **Int.Cl. 6B04B 5/00 6G01N 15/04 6G01N 15/05 6G01N 21/51 6G01N 21/85**
[25] EN
[54] **METHOD FOR USING BLOOD CENTRIFUGATION DEVICE WITH MOVABLE OPTICAL READER**
[54] **METHODE D'EMPLOI D'UN DISPOSITIF DE CENTRIFUGATION POUR PRELEVEMENT SANGUIN, COMPRENANT UN LECTEUR OPTIQUE MOBILE**
[72] THOMAS, Bradley S., US
[72] SKEVINGTON, Edward M., US
[72] KELLY, Michael A., US
[72] WALTERS, Michael R., US
[72] GAIDIS, Paul F., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1999-03-01
[43] 1999-09-02
[30] US (09/032,934) 1998-03-02

[21] **2,263,780**
[13] A1

[51] **Int.Cl. 6G02F 1/09 6G02B 5/30**
[25] EN
[54] **FARADAY ROTATOR**
[54] **ROTATEUR FARADAY**
[72] FUKUSHIMA, Nobuhiro, JP
[72] NAKADA, Hidenori, JP
[72] UMEZAWA, Hiromitsu, JP
[72] KAWAI, Hirotaka, JP
[71] FUJITSU LIMITED, JP
[71] FDK CORPORATION, JP
[22] 1999-03-01
[43] 1999-09-03
[30] JP (10-67753) 1998-03-03

[21] **2,263,820**
[13] A1

[51] **Int.Cl. 6H04Q 7/32**
[25] EN
[54] **MOBILE COMMUNICATION TERMINAL EQUIPMENT AND ITS WAITING RECEPTION METHOD**
[54] **TERMINAL DE COMMUNICATIONS MOBILES ET METHODE D'ATTENTE DE RECEPTION**
[72] MOCHIZUKI, Takuji, JP
[71] NEC CORPORATION, JP
[22] 1999-03-02
[43] 1999-09-03
[30] JP (50803/1998) 1998-03-03

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,263,822**
[13] A1
[51] **Int.Cl. 6A45F 3/16 6B65D 25/50**
[25] EN
[54] **DRINKING RECEPTACLE COVERS**
[54] **COUVERCLE DE GOBELET**
[72] GOTO, Toru, JP
[72] KATO, Rikiya, JP
[72] MATSUYAMA, Shin, JP
[72] TOIDA, Shoji, JP
[72] KOWA, Yasuhiro, JP
[71] NIPPON SANSO CORPORATION, JP
[22] 1999-03-02
[43] 1999-09-04
[30] JP (10-51826) 1998-03-04

[21] **2,263,825**
[13] A1
[51] **Int.Cl. 6C10M 105/52 6A63C 5/056**
[25] EN
[54] **LUBRICANT FOR IMPROVED GLIDING PROPERTIES OF SKIS AND ITS APPLICATION IN SKIING**
[54] **LUBRIFIANT ACCROISSANT LA GLISSE DES SKIS ET APPLICATION DE CELUI-CI SUR LES SKIS**
[72] GAMBARETTO, Gian Paolo, IT
[71] CENTEIRO TRADING LDA, PT
[22] 1999-03-02
[43] 1999-09-03
[30] CH (0495/98) 1998-03-03

[21] **2,263,829**
[13] A1
[51] **Int.Cl. 6C09D 11/00 6C09D 11/02 6B41J 2/145 6B41J 2/175**
[25] EN
[54] **INK, INK SET, INK CARTRIDGE, RECORDING UNIT, IMAGE RECORDING METHOD AND IMAGE RECORDING APPARATUS**
[54] **ENCRE, ENSEMBLE D'ENCRE, CARTOUCHE D'ENCRE, UNITE D'ENREGISTREMENT, PROCEDE D'ENREGISTREMENT D'IMAGE ET APPAREIL D'ENREGISTREMENT D'IMAGE**
[72] HAKAMADA, Shinichi, JP
[72] OGASAWARA, Masahi, JP
[72] SHIROTA, Koromo, JP
[72] KOIKE, Shoji, JP
[72] KURABAYASHI, Yutaka, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 1999-03-02
[43] 1999-09-03
[30] JP (10-050511) 1998-03-03

[21] **2,263,844**
[13] A1
[51] **Int.Cl. 6C02F 1/42 6B01J 49/00**
[25] EN
[54] **MODULAR CONTROL APPARATUS FOR A WATER TREATMENT SYSTEM**
[54] **DISPOSITIF DE CONTROLE MODULAIRE POUR SYSTEME D'EPURATION DES EAUX**
[72] WILFONG, Robert W., US
[72] WILFONG, Rudy B., US
[72] CHANNELL, Alan B., US
[72] PAINTER, Danny J., US
[71] CHEMICAL ENGINEERING CORPORATION, US
[22] 1999-03-02
[43] 1999-09-06
[30] US (60/077,034) 1998-03-06

[21] **2,263,852**
[13] A1
[51] **Int.Cl. 6C05F 1/00**
[25] EN
[54] **ORGANIC LIQUID NUTRITION SOURCE FOR PLANTS AND MANUFACTURING METHOD FOR SAME**
[54] **SOURCE DE NOURRITURE EN LIQUIDE ORGANIQUE POUR PLANTES ET SA METHODE DE CONFECTION**
[72] KAWAMOTO, Hidekatsu, JP
[71] KAWAMOTO, Hidekatsu, JP
[22] 1999-03-02
[43] 1999-09-02
[30] JP (10-49221) 1998-03-02

[21] **2,263,864**
[13] A1
[51] **Int.Cl. 6A23L 1/30 6A23L 1/305**
[25] EN
[54] **CONCENTRATION OF GLYCOSAMINOGLYCANS AND PRECURSORS THERETO IN FOOD PRODUCTS**
[54] **CONCENTRATION DE GLYCOSAMINOGLYCANES ET DE LEURS PRECURSEURS DANS DES PRODUITS ALIMENTAIRES**
[72] MARINO, Richard P., US
[71] MARINO, Richard P., US
[22] 1999-03-02
[43] 1999-09-11
[30] US (09/038,569) 1998-03-11

[21] **2,263,892**
[13] A1
[51] **Int.Cl. 6H04M 3/42 6H04L 12/12**
[25] EN
[54] **METHOD AND APPARATUS FOR FACILITATING ACCESS TO THE INTERNET FROM A TELEPHONE NETWORK**
[54] **METHODE ET APPAREIL POUR FACILITER L'ACCES A INTERNET DEPUIS UN RESEAU TELEPHONIQUE**
[72] EHLINGER, James, US
[71] AT&T CORP., US
[22] 1999-03-02
[43] 1999-09-11
[30] US (09/038,528) 1998-03-11

[21] **2,263,908**
[13] A1
[51] **Int.Cl. 6H04L 12/56 6G10L 3/02**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING COMPRESSED PACKETIZED VOICE OVER ATM**
[54] **METHODE ET APPAREIL DE TRANSMISSION, PAR MTA (MODE DE TRANSFERT ASYNCHRONE), DE PAQUETS COMPRIMES D'UNITES DE DONNEES VOCALES**
[72] BRADLEY, James Frederick, US
[72] BHARUCHA, Behram H., US
[72] CHU, Thomas P., US
[71] AT&T CORP., US
[22] 1999-03-02
[43] 1999-09-09
[30] US (09/036,782) 1998-03-09

[21] **2,263,922**
[13] A1
[51] **Int.Cl. 6E01B 3/20**
[25] EN
[54] **STEEL SLEEPER**
[54] **TRAVERSE EN ACIER**
[72] KONISHI, Katsunari, JP
[72] MARUYAMA, Motoyoshi, JP
[72] FUKUI, Yoshihiro, JP
[72] YANO, Tomokazu, JP
[72] IRIE, Takaaki, JP
[72] DEMURA, Masafumi, JP
[72] TOKUOKA, Kenzo, JP
[71] WEST JAPAN RAILWAY COMPANY, JP
[71] YAMATO KOGYO CO., LTD., JP
[22] 1999-03-02
[43] 1999-09-03
[30] JP (10-69490) 1998-03-03
[30] JP (10-175880) 1998-06-23

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,263,929**
[13] A1

[51] **Int.Cl. 6B21D 53/10**
[25] EN
[54] **METHOD AND DEVICE FOR FORMING BLANKS FOR BEARING RINGS**
[54] **METHODE ET DISPOSITIF DE PRODUCTION DE BAGUES DE ROULEMENT**
[72] TABATA, Yutaka, JP
[72] UEMOTO, Kiyoshi, JP
[71] NTN CORPORATION, JP
[22] 1999-03-02
[43] 1999-09-04
[30] JP (10-52095) 1998-03-04
[30] JP (10-51673) 1998-03-04
[30] JP (10-52025) 1998-03-04
[30] JP (10-52055) 1998-03-04
[30] JP (10-52100) 1998-03-04

[21] **2,263,938**
[13] A1

[51] **Int.Cl. 6C10L 1/22**
[25] EN
[54] **FUEL COMPOSITIONS CONTAINING TERTIARY-ALKYL PRIMARY AMINES**
[54] **COMPOSITIONS DE COMBUSTIBLES CONTENANT UNE AMINE PRIMAIRE D'ALKYLE TERTIAIRE**
[72] CHHEDA, Bharati Dinkar, US
[72] BANAVALI, Rajiv Manohar, US
[71] ROHM AND HAAS COMPANY, US
[22] 1999-03-02
[43] 1999-09-09
[30] US (60/077,250) 1998-03-09

[21] **2,263,941**
[13] A1

[51] **Int.Cl. 6A61K 7/13**
[25] EN
[54] **HAIR DYEING COMPOSITIONS CONTAINING 2-CHLORO-AND 2,6-DICHLORO-4-AMINOPHENOL AND PHENYLPYRAZOLONES**
[54] **COMPOSES POUR COLORANT CAPILLAIRE A BASE DE 2-CHLORO 2,6 DICHLORO-4 AMINOPHENOL ET DE PHENYLPYRAZOLONES**
[72] LIM, Mu-III, US
[72] PAN, Yuh-Guo, US
[72] STASAITIS, Linas R., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 1999-03-02
[43] 1999-09-03
[30] US (09/033,632) 1998-03-03

[21] **2,263,957**
[13] A1

[51] **Int.Cl. 6C07D 401/10 6C07D 205/04 6C07D 471/04 6C07D 401/06 6C07D 209/08 6C07D 403/10 6C07D 405/10 6C07D 409/10 6C07D 413/10 6C07D 417/10 6C07D 419/10 6A61K 31/495 6A61K 31/53 6A61K 31/535 6A61K 31/54 6C07D 231/56 6C07D 277/56 6C07D 213/84**
[25] EN
[54] **COMPOUNDS AS DELTA OPIOID AGONISTS**
[54] **COMPOSES UTILISES EN TANT QU'AGONISTES OPIOIDES DELTAS**
[72] MAW, Graham Nigel, GB
[72] MIDDLETON, Donald Stuart, GB
[71] PFIZER INC., US
[22] 1999-03-03
[43] 1999-09-05
[30] GB (9804734.3) 1998-03-05

[21] **2,264,079**
[13] A1

[51] **Int.Cl. 6B65H 19/30**
[25] EN
[54] **DEVICE FOR EXCHANGING ROLL SUPPORTS ON WINDING STATIONS**
[54] **DISPOSITIF POUR L'ECHANGE DE SUPPORTS DE ROULEAUX SUR LES STATIONS D'ENROULAGE**
[72] HERRMANN, Rudolf, CH
[71] FERAG AG, CH
[22] 1999-03-02
[43] 1999-09-04
[30] CH (1998 0517/98) 1998-03-04

[21] **2,264,083**
[13] A1

[51] **Int.Cl. 6C08L 43/04 6G02B 1/00 6G02C 7/04**
[25] EN
[54] **SOFT CONTACT LENSES**
[54] **VERRES DE CONTACT SOUPLES**
[72] ALTON, Michele L., US
[72] HARGISS, Marcie, US
[72] WILLIAMS, Susan, US
[72] VANDERLAAN, Douglas G., US
[72] NUNEZ, Ivan, US
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US
[22] 1999-03-02
[43] 1999-09-02
[30] US (09/033,347) 1998-03-02

[21] **2,264,090**
[13] A1

[51] **Int.Cl. 6E21B 47/12**
[25] EN
[54] **ELECTRICALLY INSULATING GAP SUBASSEMBLY**
[54] **SOUS-ENSEMBLE D'ECARTEMENT DIELECTRIQUE**
[72] SMITH, Harrison C., US
[72] RINGGENBERG, Paul D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1999-03-02
[43] 1999-09-05
[30] US (09/036,886) 1998-03-05

[21] **2,264,092**
[13] A1

[51] **Int.Cl. 6B65B 35/00 6B65G 47/06**
[25] EN
[54] **ARRANGEMENT OF PROCESSING DEVICES, IN PARTICULAR OF CROSS-STRAPPING DEVICES, AND METHOD FOR OPERATING THE ARRANGEMENT**
[54] **ENSEMBLE DE DISPOSITIFS DE TRAITEMENT, NOTAMMENT DE COUPLAGE, ET METHODE D'UTILISATION DE CET ENSEMBLE**
[72] OTTO, Marcel, NL
[72] AMSE, Robert, NL
[71] FERAG VERPAKKINGSTECHNIEK B.V., NL
[22] 1999-03-02
[43] 1999-09-03
[30] CH (1998 0504/98) 1998-03-03

[21] **2,264,122**
[13] A1

[51] **Int.Cl. 6B65B 25/00**
[25] EN
[54] **APPARATUS FOR WRAPPING AN ICE CREAM SANDWICH**
[54] **APPAREIL D'EMBALLAGE DE SANDWICHS A LA CREME GLACEE**
[72] SPENCER, Jack D., US
[71] NORSE DAIRY SYSTEMS, US
[22] 1999-03-02
[43] 1999-09-02
[30] US (09/033,542) 1998-03-02

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,264,124**
[13] A1

[51] **Int.Cl. 6C08J 3/20 6C08L 83/04**
[25] EN
[54] **PROCESS FOR THE CONTINUOUS PREPARATION OF MOISTURE-CURING ORGANOPOLYSILOXANE COMPOSITIONS**
[54] **PROCEDE DE PREPARATION CONTINUE DE COMPOSITIONS POLYORGANOSILOXANIQUES ELIMINATRICES D'HUMIDITE**
[72] WOHL, Helmut, DE
[72] TRAJER, Werner, DE
[72] STEINER, Johann, DE
[72] BRAUN, Rudolf, DE
[72] FELBER, Thomas, DE
[71] WACKER-CHEMIE GMBH, DE
[22] 1999-03-02
[43] 1999-09-05
[30] DE (198 09 548.1) 1998-03-05

[21] **2,264,125**
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04B 7/005**
[25] EN
[54] **METHOD OF CONTROLLING TRANSMISSION POWER IN A CELLULAR TYPE MOBILE COMMUNICATION SYSTEM**
[54] **METHODE DE CONTROLE DE PUISSANCE D'EMISSION POUR SYSTEME DE COMMUNICATIONS CELLULAIRES**
[72] HAMABE, Kojiro, JP
[72] YOSHIDA, Shousei, JP
[71] NEC CORPORATION, JP
[22] 1999-03-02
[43] 1999-09-03
[30] JP (050631/1998) 1998-03-03
[30] JP (080949/1998) 1998-03-27

[21] **2,264,184**
[13] A1

[51] **Int.Cl. 6B07C 5/06**
[25] EN
[54] **EASY-TO-ADJUST GRADER CALIBREUSE FACILEMENT REGLABLE**
[72] FOURNET, Francis, US
[72] SIRGO, Scott J., US
[72] GRISBAUM, Daniel W., US
[72] LEDET, Brent A., US
[72] MAUDUIT, Loren M., US
[71] THE LAITRAM CORPORATION, US
[22] 1999-03-03
[43] 1999-09-09
[30] US (60/077,271) 1998-03-09

[21] **2,264,194**
[13] A1

[51] **Int.Cl. 6E05B 49/02**
[25] EN
[54] **ELECTRICALLY TRIGGERED SAFETY-DEPOSIT BOX LOCK**
[54] **SERRURE DE COFFRE-FORT A DECLENCHEMENT ELECTRIQUE**
[72] MAUER, Günter, DE
[71] MAUER GMBH, DE
[22] 1999-03-03
[43] 1999-09-05
[30] DE (198 09 333.0) 1998-03-05

[21] **2,264,195**
[13] A1

[51] **Int.Cl. 6C23C 16/34 6C23C 16/40**
[25] EN
[54] **BRASS-COLORED COATING WITH COLOR-IMPARTING NITRIDE LAYER**
[54] **REVETEMENT CUIVRE AVEC COUCHE A BASE DE NITRURE POUVANT TRANSMETTRE LA COULEUR**
[72] BUDKE, Elisabeth, DE
[72] KREMPEL-HESSE, Jörg, DE
[72] MAIDHOF, Hans, DE
[72] SCHUSSLER, Hans, DE
[71] LEYBOLD SYSTEMS GMBH, DE
[22] 1999-03-03
[43] 1999-09-05
[30] DE (198 09 409.4) 1998-03-05

[21] **2,264,202**
[13] A1

[51] **Int.Cl. 6F04B 53/10 6F04B 43/02 6C02F 1/44**
[25] EN
[54] **REVERSE OSMOSIS PUMP AND SHUT OFF VALVE**
[54] **POMPE A OSMOSE INVERSE ET ROBINET D'ARRET**
[72] YIU, Chau Chau, CA
[71] CANPRO WATER TREATMENT INC., CA
[22] 1999-03-03
[43] 1999-09-03
[30] US (09/127,217) 1998-07-31
[30] US (09/033,819) 1998-03-03

[21] **2,264,211**
[13] A1

[51] **Int.Cl. 6F16L 19/08**
[25] EN
[54] **CLAMPABLE PIPE COUPLING**
[54] **RACCORDEMENT DE TUYAUTERIE**
[72] SCHREITER, Reiner, DE
[71] RASMUSSEN GMBH, DE
[22] 1999-03-03
[43] 1999-09-04
[30] DE (298 03 713.0) 1998-03-04

[21] **2,264,204**
[13] A1

[51] **Int.Cl. 6G01V 3/14 6G01R 33/46**
[25] EN
[54] **NUCLEAR MAGNETIC RESONANCE FLUID CHARACTERIZATION APPARATUS AND METHOD FOR USING WITH ELECTRIC WIRELINE FORMATION TESTING INSTRUMENTS**
[54] **APPAREIL DE CARACTERISATION D'UN FLUIDE PAR RESONANCE MAGNETIQUE NUCLEAIRE ET SA METHODE D'UTILISATION CONJOINTEMENT AVEC LES ESSAIS DES COUCHES AU CABLE ELECTRIQUE**
[72] FORGANG, Stanislav W., US
[72] FANINI, Otto N., US
[72] EDWARDS, Carl M., US
[71] WESTERN ATLAS INTERNATIONAL, INC., US
[22] 1999-02-26
[43] 1999-09-02
[30] US (09/033,104) 1998-03-02

[21] **2,264,208**
[13] A1

[51] **Int.Cl. 6F16J 15/08 6F02F 11/00 6B21D 53/84**
[25] EN
[54] **COMBUSTION MLS GASKET INTEGRAL STOPPER**
[54] **JOINT DE CULASSE DE MOTEUR A COMBUSTION**
[72] KASHMERICK, Gerald Emil, US
[72] PLUNKETT, Tom, US
[71] DANA CORPORATION, US
[22] 1999-03-03
[43] 1999-09-04
[30] US (09/034,784) 1998-03-04
[30] US (09/249,013) 1999-02-12

[21] **2,264,211**
[13] A1

[51] **Int.Cl. 6F16L 19/08**
[25] EN
[54] **CLAMPABLE PIPE COUPLING**
[54] **RACCORDEMENT DE TUYAUTERIE**
[72] SCHREITER, Reiner, DE
[71] RASMUSSEN GMBH, DE
[22] 1999-03-03
[43] 1999-09-04
[30] DE (298 03 713.0) 1998-03-04

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,264,214**
[13] A1

[51] **Int.Cl. 6C22C 21/12**
[25] EN
[54] **CAST ALUMINIUM-COPPER ALLOY**
[54] **ALLIAGE D'ALUMINIUM AU CUIVRE COULE**
[72] BUTLER, Simon Andrew, GB
[71] AEROMET INTERNATIONAL PLC, GB
[22] 1999-03-03
[43] 1999-09-05
[30] GB (9804599.0) 1998-03-05

[21] **2,264,216**
[13] A1

[51] **Int.Cl. 6G09B 5/02 6A63B 69/00**
[25] EN
[54] **DANCE TRAINING DEVICE**
[54] **DISPOSITIF D'ENSEIGNEMENT DE DANSE**
[72] TAKAI, Gunzo, JP
[71] TAKAI, Gunzo, JP
[22] 1999-03-03
[43] 1999-09-09
[30] JP (057083/1998) 1998-03-09

[21] **2,264,218**
[13] A1

[51] **Int.Cl. 6E05D 7/04 6E05D 3/04**
[25] EN
[54] **ADJUSTABLE HINGE**
[54] **CHARNIERE REGLABLE**
[72] MOLLER, Troy L., US
[72] CRESS, David R., US
[71] NEWELL OPERATING COMPANY, US
[22] 1999-03-03
[43] 1999-09-06
[30] US (09/036,289) 1998-03-06

[21] **2,264,221**
[13] A1

[51] **Int.Cl. 6C12N 5/10**
[25] EN
[54] **CELL LINE OF BLOOD-BRAIN BARRIER**
[54] **LIGNEE CELLULAIRE DE LA BARRIERE HEMATO-ENCEPHALIQUE**
[72] OBINATA, Masuo, JP
[72] TERASAKI, Tetsuya, JP
[72] HOSOYA, Ken-ichi, JP
[71] KYOWA HAKKO KOGYO CO., LTD., JP
[22] 1999-03-03
[43] 1999-09-04
[30] JP (HEI. 10-52118) 1998-03-04
[30] JP (HEI. 10-87515) 1998-03-31

[21] **2,264,223**
[13] A1

[51] **Int.Cl. 6B29C 45/74**
[25] EN
[54] **FLUID DISTRIBUTOR DUCT**
[54] **CONDUIT DE DISTRIBUTION DE FLUIDE**
[72] SCHMIDT, Harald, CA
[71] DYNISCO HOTRUNNERS INC. CANADA, US
[22] 1999-03-03
[43] 1999-09-03
[30] US (60/076,612) 1998-03-03
[30] US (09/081,360) 1998-05-19

[21] **2,264,233**
[13] A1

[51] **Int.Cl. 6H01S 3/18**
[25] EN
[54] **PLASTIC SUBSTRATE FOR SOLID-STATE LASER**
[54] **SUBSTRAT DE PLASTIQUE POUR LASER A SOLIDE**
[72] SCHERF, Ullrich, DE
[72] ELSCHNER, Andreas, DE
[72] MAHRT, Rainer Friedbert, DE
[72] WEHRMANN, Rolf, DE
[72] BRUDER, Friedrich-Karl, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 1999-03-03
[43] 1999-09-06
[30] DE (198 09 696.8) 1998-03-06

[21] **2,264,234**
[13] A1

[51] **Int.Cl. 6G06F 9/44 6H04L 12/24**
[25] EN
[54] **DATA PROCESSING METHOD, RECORDING MEDIUM, AND DATA PROCESSING APPARATUS**
[54] **METHODE DE TRAITEMENT DES DONNEES, SUPPORT D'ENREGISTREMENT ET APPAREIL DE TRAITEMENT DES DONNEES**
[72] MORIYAMA, Koichi, JP
[71] SONY CORPORATION, JP
[22] 1999-03-03
[43] 1999-09-04
[30] JP (P10-052493) 1998-03-04

[21] **2,264,313**
[13] A1

[51] **Int.Cl. 6H04J 14/02**
[25] EN
[54] **METHOD OF TRANSMITTING DATA, CORRESPONDING COMMUNICATION SYSTEM AND TELECOMMUNICATION NETWORK**
[54] **METHODE DE TRANSMISSION DE DONNEES, SYSTEME DE COMMUNICATIONS CORRESPONDANT ET RESEAU DE TELECOMMUNICATIONS**
[72] HUNLICH, Klaus, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 1999-03-02
[43] 1999-09-03
[30] DE (19808943.0) 1998-03-03

[21] **2,264,317**
[13] A1

[51] **Int.Cl. 6H01L 21/68**
[25] EN
[54] **SUSCEPTOR FOR SEMICONDUCTOR MANUFACTURING EQUIPMENT AND PROCESS FOR PRODUCING THE SAME**
[54] **SUSCEPTEUR POUR MATERIEL DE FABRICATION DES SEMICONDUCTEURS ET PROCEDE POUR L'OBTENIR**
[72] YUSHIO, Yasuhisa, JP
[72] NAKATA, Hirohiko, JP
[72] NATSUHARA, Masuhiro, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1999-03-02
[43] 1999-09-02
[30] JP (10-049283) 1998-03-02
[30] JP (11-044544) 1999-02-23

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,264,325**
[13] A1
[51] **Int.Cl. 6G01V 3/32 6G01R 33/38**
[25] EN
[54] **NUCLEAR MAGNETIC RESONANCE APPARATUS AND METHOD FOR GENERATING AN AXISYMMETRIC MAGNETIC FIELD HAVING STRAIGHT CONTOUR LINES IN THE RESONANCE REGION**
[54] **DISPOSITIF A RESONANCE MAGNETIQUE NUCLEAIRE ET METHODE PERMETTANT DE PRODUIRE UN CHAMP MAGNETIQUE AXISYMETRIQUE A LIGNES DE CONTOUR DROITES DANS LA REGION DE RESONANCE**
[72] GANESAN, Krishnamurthy, US
[72] POITZSCH, Martin E., US
[72] LUONG, Bruno, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 1999-03-02
[43] 1999-09-03
[30] US (09/033,965) 1998-03-03

[21] **2,264,330**
[13] A1
[51] **Int.Cl. 6C08L 43/04 6G02B 1/04 6C08F 230/08**
[25] EN
[54] **SILICONE HYDROGEL POLYMERS**
[54] **POLYMERES OBTENUS A PARTIR D'UN HYDROGEL DE SILICONE**
[72] VANDERLAAN, Douglas G., US
[72] HARGISS, Marcie, US
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US
[22] 1999-03-02
[43] 1999-09-02
[30] US (09/033,348) 1998-03-02

[21] **2,264,331**
[13] A1
[51] **Int.Cl. 6A61F 13/62**
[25] EN
[54] **DISPOSABLE DIAPER HAVING MECHANICAL FASTENER**
[54] **COUCHE JETABLE AVEC ATTACHE MECANIQUE**
[72] MINATO, Hironao, JP
[71] UNI-CHARM CORPORATION, JP
[22] 1999-03-02
[43] 1999-09-09
[30] JP (10-56538) 1998-03-09

[21] **2,264,347**
[13] A1
[51] **Int.Cl. 6G01F 1/76 6G01F 1/66**
[25] EN
[54] **A METHOD OF DETERMINING THE MASS FLOW RATE**
[54] **METHODE POUR DETERMINER LE DEBIT MASSIQUE**
[72] FABRIN, Knud, DK
[72] LANGKJAER, Carsten, DK
[71] DRONNINGBORG INDUSTRIES A/S, DK
[22] 1999-03-04
[43] 1999-09-06
[30] DK (0304/98) 1998-03-06

[21] **2,264,354**
[13] A1
[51] **Int.Cl. 6E21B 43/24**
[25] EN
[54] **ELECTRICAL HEATER**
[54] **APPAREIL DE CHAUFFAGE ELECTRIQUE**
[72] WELLINGTON, Scott Lee, US
[72] VINEGAR, Harold J., US
[72] DE ROUFFIGNAC, Eric, US
[72] BIELAMOWICZ, Lawrence James, US
[71] SHELL CANADA LIMITED, CA
[22] 1999-03-04
[43] 1999-09-06
[30] US (60/077022) 1998-03-06
[30] US (60/077160) 1998-03-06

[21] **2,264,366**
[13] A1
[51] **Int.Cl. 6B01L 9/06 6A61J 1/16**
[25] EN
[54] **ARCHIVAL STORAGE TRAY FOR MULTIPLE TEST TUBES**
[54] **PLATEAU DE RANGEMENT POUR EPROUVETTES**
[72] LASKA, Paul F., US
[71] ROCHE DIAGNOSTICS CORPORATION, US
[22] 1999-03-03
[43] 1999-09-04
[30] US (09/035,111) 1998-03-04

[21] **2,264,367**
[13] A1
[51] **Int.Cl. 6B64D 27/26**
[25] FR
[54] **DISPOSITIF D'ACCROCHAGE D'UN MOTEUR SUR UN PYLONE D'AERONEF**
[54] **APPARATUS FOR SECURING A MOTOR ONTO AN AIRCRAFT PYLON**
[72] LE BLAYE, Sébastien, FR
[71] AEROSPATIALE SOCIÉTÉ NATIONALE INDUSTRIELLE, FR
[22] 1999-03-01
[43] 1999-09-02
[30] FR (98 02483) 1998-03-02

[21] **2,264,370**
[13] A1
[51] **Int.Cl. 6B01J 20/18 6B01D 53/047**
[25] FR
[54] **ADSORBANT A TAUX D'ECHANGE HETEROGENE ET PROCEDE PSA METTANT EN OEUVRE UN TEL ADSORBANT**
[54] **HETEROGENEOUS EXCHANGE RATE ADSORBENT AND PSA PROCESS EMPLOYING SAID ADSORBENT**
[72] ROUGE, Dominique, FR
[72] MOREAU, Serge, FR
[72] LABASQUE, Jacques, FR
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR
[22] 1999-03-03
[43] 1999-09-03
[30] FR (98/02557) 1998-03-03

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,264,372**
[13] A1

[51] **Int.Cl. 6C07C 217/74 6C07D 345/00 6C07D 335/02 6C07C 311/08 6C07C 311/09 6C07D 309/10 6A61K 31/135 6A61K 31/255 6A61K 31/275 6C07D 263/28 6A61K 31/335 6A61K 31/35 6A61K 31/38 6A61K 31/415 6C07C 215/42 6A61K 31/42 6C07D 211/44 6A61K 31/445 6C07D 233/48 6C07C 309/65**

[25] FR

[54] **NOUVEAUX COMPOSES DU BENZOCYCLOBUTANE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**

[54] **NEW BENZOCYCLOBUTANE COMPOUNDS, THEIR METHOD OF PREPARATION, AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**

[72] NEWMAN-TANCREDI, Adrian, FR
[72] DESSINGES, Aimée, FR
[72] HARMANGE, Jean-Christophe, US
[72] BROCCO, Mauricette, FR
[72] MILLAN, Mark, FR
[72] PEGLION, Jean-Louis, FR
[71] ADIR ET COMPAGNIE, FR
[22] 1999-03-04
[43] 1999-09-04
[30] FR (98/02585) 1998-03-04

[21] **2,264,381**
[13] A1

[51] **Int.Cl. 6G01R 11/04**

[25] EN

[54] **APPARATUS FOR MOUNTING AN EXTERNAL RECEPTACLE TO A WATTHOUR METER SOCKET ADAPTER**

[54] **DISPOSITIF POUR FIXER UN BOITIER EXTERNE A L'ADAPTEUR D'UNE BASE DE WATT-HEUREMETRE**

[72] ROBINSON, Darrell, US
[71] EKSTROM INDUSTRIES, INC., US
[22] 1999-03-04
[43] 1999-09-05
[30] US (60/076,883) 1998-03-05
[30] US (UNKNOWN) 1999-03-02

[21] **2,264,385**
[13] A1

[51] **Int.Cl. 6F16J 15/54 6F04D 29/10**

[25] EN

[54] **A SUBMERSIBLE MACHINE**

[54] **MACHINE SUBMERSIBLE**

[72] FREDRIKSSON, Boris, SE
[72] BRANDT, Bengt-Ake, SE
[71] ITT MANUFACTURING ENTERPRISES, INC., US
[22] 1999-03-03
[43] 1999-09-04
[30] SE (980676-0) 1998-03-04

[21] **2,264,387**
[13] A1

[51] **Int.Cl. 6H05B 6/64 6B65D 81/34**

[25] EN

[54] **MICROWAVEABLE CONTAINERS HAVING AT LEAST ONE UNDULANT SURFACE AND PROCESS FOR THEIR MANUFACTURE**

[54] **CONTENANTS POUR MICRO-ONDES AYANT AU MOINS UNE SURFACE ONDULEE ET PROCEDE PERMETTANT DE LES FABRIQUER**

[72] ROGERS, Richard J., US
[72] LITTLEJOHN, Mark B., US
[72] McCARTHY, Donald C., US
[71] FORT JAMES CORPORATION, US
[22] 1999-03-03
[43] 1999-09-03
[30] US (09/033,831) 1998-03-03

[21] **2,264,400**
[13] A1

[51] **Int.Cl. 6G06F 15/00**

[25] EN

[54] **IMAGE PROCESSING APPARATUS**

[54] **APPAREIL DE TRAITEMENT D'IMAGES**

[72] OHMORI, Mutsuhiro, JP
[72] HORIOKA, Toshio, JP
[71] SONY CORPORATION, JP
[22] 1999-03-03
[43] 1999-09-04
[30] JP (P10-052017) 1998-03-04
[30] JP (P11-016529) 1999-01-26

[21] **2,264,403**
[13] A1

[51] **Int.Cl. 6A61B 17/06**

[25] EN

[54] **SURGICAL SUTURE RETAINER PACKAGE**

[54] **TROUSSE DE RETENUE DE FIL CHIRURGICAL**

[72] GEMMA, Edward A., Jr., US
[72] KENDRIOSKI, Walter, US
[71] UNITED STATES SURGICAL CORPORATION, US
[22] 1999-03-04
[43] 1999-09-06
[30] US (60/077,294) 1998-03-06

[21] **2,264,404**
[13] A1

[51] **Int.Cl. 6E03C 1/02 6F16K 24/06 6E03B 7/10**

[25] EN

[54] **WATER VALVE ASSEMBLY AND WATER DRAINING METHOD**

[54] **ENSEMBLE DE VANNE D'EAU ET METHODE POUR PURGER L'EAU**

[72] RAMSBY, Michael L., US
[71] HIRE, Charles J., US
[71] RAMSBY, Michael L., US
[22] 1999-03-04
[43] 1999-09-05
[30] US (09/035,384) 1998-03-05

[21] **2,264,405**
[13] A1

[51] **Int.Cl. 6D21G 1/00**

[25] EN

[54] **GLOSS CONTROL SYSTEM USING AIR JETS**

[54] **SYSTEME DE REGULATION DE LA BRILLANCE DU PAPIER AU MOYEN DE JETS D'AIR**

[72] MAREINISS, David J., US
[71] IMPACT SYSTEMS, INC., US
[22] 1999-03-04
[43] 1999-09-05
[30] US (09/035,693) 1998-03-05

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,264,410**
[13] A1
[51] **Int.Cl. 6B65D 81/02 6B65D 5/50**
[25] EN
[54] **PACKAGING SYSTEM, METHOD AND COMPONENTS USED THEREIN**
[54] **SYSTEME, METHODE ET COMPOSANTES D'EMBALLAGE**
[72] KYLE, Kenneth E., US
[71] KYLE, Kenneth E., US
[22] 1999-03-04
[43] 1999-09-06
[30] US (09/035,803) 1998-03-06

[21] **2,264,412**
[13] A1
[51] **Int.Cl. 6B60L 11/18 6B60K 6/04 6B60R 16/04**
[25] EN
[54] **POLYURETHANE/POLYUREA ELASTOMER COATED STEEL BATTERY BOX FOR HYBRID ELECTRIC VEHICLE APPLICATIONS**
[54] **BAC D'ACCUMULATEUR EN ACIER ENDUIT D'UN ELASTOMERE DE POLYURETHANNE/POLYUREE POUR DES APPLICATIONS RELIEES UN VEHICULE ELECTRIQUE HYBRIDE**
[72] DONLEY, Harl, US
[72] LASECKI, Michael P., US
[72] SCHULER, Nathan L., US
[72] JENKS, Jeffrey D., US
[71] NAVISTAR INTERNATIONAL TRANSPORTATION CORP., US
[22] 1999-03-04
[43] 1999-09-09
[30] US (09/041,362) 1998-03-09

[21] **2,264,413**
[13] A1
[51] **Int.Cl. 6C09D 201/02 6C09J 201/02 6C08J 5/12**
[25] EN
[54] **COATING COMPOSITIONS AND ADHESIVES, THEIR USE AND PROCESSES FOR THEIR PREPARATION**
[54] **COMPOSITIONS ET ADHESIFS DE REVETEMENT, LEUR UTILISATION ET PROCESSUS DE PREPARATION DE CEUX-CI**
[72] BAUMGART, Hubert, DE
[72] STAMMER, Achim, DE
[72] KRATZ, Detlef, DE
[72] RINK, Heinz-Peter, DE
[72] BARTOL, Fritz, DE
[71] BASF COATINGS AG, DE
[22] 1999-03-04
[43] 1999-09-06
[30] DE (198 09 643.7) 1998-03-06

[21] **2,264,414**
[13] A1
[51] **Int.Cl. 6H04L 27/01**
[25] EN
[54] **COMMUNICATIONS RECEIVER AND METHOD OF DETECTING DATA FROM RECEIVED SIGNALS**
[54] **RECEPTEUR DE RADIOCOMMUNICATION ET METHODE DE DETECTION DE DONNEES AU MOYEN DES SIGNAUX RECUS**
[72] RADEMACHER, Leo, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 1999-03-05
[43] 1999-09-07
[30] GB (9804786.3) 1998-03-07

[21] **2,264,416**
[13] A1
[51] **Int.Cl. 6G01N 21/67 6H01J 37/00**
[25] EN
[54] **IMPROVED SAMPLE CELL FOR GASEOUS EMISSION SPECTROSCOPY**
[54] **CELLULE MODELE AMELIOREE POUR SPECTROSCOPIE D'EMISSIONS GAZEUSES**
[72] WEGRZYN, Joseph, US
[72] MALCZEWSKI, Mark Leonard, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 1999-03-04
[43] 1999-09-06
[30] US (09/035,792) 1998-03-06

[21] **2,264,417**
[13] A1
[51] **Int.Cl. 6B41J 2/32 6B41J 2/345 6B41J 2/35**
[25] EN
[54] **THERMAL PRINTER**
[54] **IMPRIMANTE THERMIQUE**
[72] KAWAMORI, Masami, JP
[71] NEC CORPORATION, JP
[22] 1999-03-04
[43] 1999-09-05
[30] JP (69263/1998) 1998-03-05

[21] **2,264,422**
[13] A1
[51] **Int.Cl. 6H01R 13/03 6H01R 43/00 6C04B 37/02 6F01N 3/38**
[25] EN
[54] **MOLDED PART MADE OF AN ELECTRICALLY CONDUCTIVE CERAMIC AND PROCESS FOR THE PRODUCTION OF CONTACT ZONES ON SUCH MOLDED PARTS**
[54] **PARTIES MOULEES EN CERAMIQUE CONDUCTIVE D'ELECTRICITE ET PROCEDE POUR LA FABRICATION DE ZONES DE CONTACT SUR CES PARTIES**
[72] SCHÄFER, Wolfgang, DE
[72] SCHUMACHER, Uwe, DE
[72] BENTHAUS, Oliver, DE
[72] BEST, Walter, DE
[71] THOMAS JOSEF HEIMBACH GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG & CO., DE
[22] 1999-03-05
[43] 1999-09-09
[30] DE (198 09 976.2-45) 1998-03-09

[21] **2,264,423**
[13] A1
[51] **Int.Cl. 6D21C 9/14**
[25] EN
[54] **METHOD FOR TREATMENT OF PULP**
[54] **METHODE DE TRAITEMENT DE LA PATE**
[72] VILPPONEN, Aki, FI
[72] VUORINEN, Tapani, FI
[72] JUUTILAINEN, Sari, FI
[71] AHLSTROM MACHINERY OY, FI
[22] 1999-03-05
[43] 1999-09-06
[30] FI (980519) 1998-03-06

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,264,424**
[13] A1

[51] **Int.Cl. 6B62K 27/12 6B62K 13/02**
[25] EN
[54] **BICYCLE COUPLING DEVICE**
[54] **DISPOSITIF DE COUPLAGE DE BICYCLETTES**
[72] PERRIN, Henri, CA
[71] PERRIN, Henri, CA
[22] 1999-03-02
[43] 1999-09-03
[30] GB (9804326.8) 1998-03-03

[21] **2,264,426**
[13] A1

[51] **Int.Cl. 6G01V 13/00**
[25] EN
[54] **METHOD FOR STABILIZING A SCINTILLATION DETECTOR**
[54] **METHODE DE STABILISATION D'UN DETECTEUR DE SCINTILLATION**
[72] MOAKE, Gordon L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1999-03-03
[43] 1999-09-11
[30] US (09/038,212) 1998-03-11

[21] **2,264,428**
[13] A1

[51] **Int.Cl. 6H04Q 3/66**
[25] EN
[54] **CONNECTION ROUTE SWITCHING DEVICE AND METHOD, NODE AND CONNECTION ROUTE SWITCHING SYSTEM**
[54] **DISPOSITIF ET METHODE DE ROUTAGE**
[72] MASUO, Hitoshi, JP
[71] NEC CORPORATION, JP
[22] 1999-03-03
[43] 1999-09-04
[30] JP (052415/1998) 1998-03-04

[21] **2,264,430**
[13] A1

[51] **Int.Cl. 6H04M 3/38 6H04Q 3/00**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING CUSTOMER BLOCKING OF ADVANCED INTELLIGENT NETWORK SERVICES**
[54] **SYSTEME ET METHODE DE GESTION DE BLOCAGE DES SERVICES DE RESEAUX INTELLIGENTS EVOLUES**
[72] MALIK, Dale W., US
[71] BELLSOUTH CORPORATION, US
[22] 1999-03-03
[43] 1999-09-04
[30] US (09/034,765) 1998-03-04

[21] **2,264,431**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C07K 16/36 6A61K 38/37 6G01N 33/53 6C12Q 1/68 6A61K 31/70 6C07K 14/755**
[25] EN
[54] **CANINE FACTOR VIII GENE, PROTEIN AND METHODS OF USE**
[54] **PROTEINE ET GENE CANINS DU FACTEUR VIII ET METHODES D'UTILISATION**
[72] HORROCKS, L. Suzanne Hoyle, CA
[72] HOUGH, Christine, CA
[72] NOTLEY, Colleen, CA
[72] LILLCRAP, David, CA
[72] CAMERON, Cherie, CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[22] 1999-03-05
[43] 1999-09-05
[30] US (09/035,141) 1998-03-05
[30] CA (2,225,189) 1998-03-06

[21] **2,264,435**
[13] A1

[51] **Int.Cl. 6H01B 17/58**
[25] EN
[54] **LIMITING ELECTRICAL DEGRADATION OF ALL-DIELECTRIC SELF SUPPORTING CABLES**
[54] **LIMITEUR LA DEGRADATION ELECTRIQUE DE CABLES AUTOPORTEURS ENTIEREMENT DIELECTRIQUES**
[72] SUTEHALL, Ralph, GB
[72] LANG, Ian Dewi, GB
[71] PIRELLI GENERAL plc, GB
[22] 1999-03-03
[43] 1999-09-05
[30] GB (9804698.0) 1998-03-05

[21] **2,264,436**
[13] A1

[51] **Int.Cl. 6G01N 27/16**
[25] EN
[54] **GAS SENSORS**
[54] **DETECTEUR DE GAZ**
[72] BROWN, Terence David, GB
[72] DONCASTER, Alan Mason, GB
[71] EEV LIMITED, GB
[22] 1999-03-03
[43] 1999-09-04
[30] GB (9804590.9) 1998-03-04

[21] **2,264,438**
[13] A1

[51] **Int.Cl. 6C10G 45/02**
[25] EN
[54] **PROCESS FOR THE REDUCTION OF SULPHUR CONTENT IN FCC HEAVY GASOLINE**
[54] **PROCEDE DE REDUCTION DE LA TENEUR EN SOUFRE DE L'ESSENCE LOURDE OBTENUE PAR CRAQUAGE CATALYTIQUE FLUIDE**
[72] KNUDSEN, Kim Gron, DK
[72] COOPER, Barry, DK
[71] KNUDSEN, Kim Gron, DK
[71] COOPER, Barry, DK
[22] 1999-03-02
[43] 1999-09-04
[30] DK (0295/98) 1998-03-04

[21] **2,264,442**
[13] A1

[51] **Int.Cl. 6F16J 15/08**
[25] EN
[54] **THREE-LAYER GASKET WITH PRIMARY AND SECONDARY SEALING ELEMENT**
[54] **JOINT TROIS COUCHES A ELEMENT DE SCELLAGE PRIMAIRE ET SECONDAIRE**
[72] PLUNKETT, Tom, US
[71] DANA CORPORATION, US
[22] 1999-03-02
[43] 1999-09-03
[30] US (09/034,054) 1998-03-03

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,264,443**
[13] A1

[51] **Int.Cl. 6H02J 7/00**
[25] EN
[54] **SWITCHING POWER SUPPLY**
[54] **ALIMENTATION A DECOUPAGE**
[72] HATAKEYAMA, Haruhiko, JP
[72] WATANABE, Haruo, JP
[71] SHINDENGEN ELECTRIC
MANUFACTURING CO., LTD., JP
[22] 1999-03-05
[43] 1999-09-09
[30] JP (HEI 10-074930) 1998-03-09

[21] **2,264,444**
[13] A1

[51] **Int.Cl. 6B25B 13/46**
[25] EN
[54] **OFFSET HEAD RATCHET**
WRENCH
[54] **CLE A ROCHET A TETE**
DEPORTEE
[72] BARNES, Benny R., US
[71] BARNES, Benny R., US
[22] 1999-03-02
[43] 1999-09-04
[30] US (60/076,723) 1998-03-04
[30] US (UNKNOWN) 1999-02-19

[21] **2,264,445**
[13] A1

[51] **Int.Cl. 6B01D 53/047**
[25] EN
[54] **PROCESS AND PLANT FOR**
SEPARATING A GAS MIXTURE BY
ADSORPTION
[54] **PROCESSUS ET USINE DE**
SEPARATION PAR ABSORPTION D'UN
MELANGE GAZEUX
[72] MONEREAU, Christian, FR
[71] L' AIR LIQUIDE, SOCIÉTÉ
ANONYME POUR L'ÉTUDE ET
L'EXPLOITATION DES PROCÉD, FR
[22] 1999-03-05
[43] 1999-09-06
[30] FR (98 02785) 1998-03-06

[21] **2,264,446**
[13] A1

[51] **Int.Cl. 6H04Q 7/32**
[25] EN
[54] **POWER SUPPLY APPARATUS**
AND METHOD FOR MOBILE
COMMUNICATION TERMINAL
[54] **DISPOSITIF D'ALIMENTATION**
ET METHODE POUR TERMINAUX DE
TELECOMMUNICATIONS MOBILES
[72] PARK, Jae-Sun, KR
[71] SAMSUNG ELECTRONICS CO.,
LTD., KR
[22] 1999-03-05
[43] 1999-09-05
[30] KR (7288/1998) 1998-03-05

[21] **2,264,449**
[13] A1

[51] **Int.Cl. 6A41D 13/06 6A63B 57/00**
6A63B 71/12
[25] EN
[54] **A PROTECTIVE SYSTEM FOR**
PLAYING GOLF
[54] **SYSTEME DE PROTECTION POUR**
JOUER AU GOLF
[72] ARDURA GONZALEZ, Manuel, ES
[71] ARDURA GONZALEZ, Manuel, ES
[22] 1999-03-05
[43] 1999-09-06
[30] ES (9800490) 1998-03-06

[21] **2,264,450**
[13] A1

[51] **Int.Cl. 6C12N 5/10 6A01K 67/027**
6C12N 15/65 6C12Q 1/68 6C12N 15/85
[25] EN
[54] **METHODS FOR MONITORING**
HETEROLOGOUS SEX
CHROMOSOMES
[54] **METHODES DE SURVEILLANCE**
DE CHROMOSOMES SEXUELS
HETEROLOGUES
[72] NAGY, Andras, CA
[72] HADJANTONAKIS, Anna-Katerina,
CA
[71] NAGY, Andras, CA
[71] HADJANTONAKIS, Anna-Katerina,
CA
[22] 1999-03-05
[43] 1999-09-05
[30] US (60/076,958) 1998-03-05

[21] **2,264,454**
[13] A1

[51] **Int.Cl. 6B26D 3/16 6B26D 1/18**
[25] EN
[54] **CUTTING APPLIANCE FOR**
LARGE CYLINDRACEOUS OBJECTS
[54] **APPAREIL POUR LE**
SECTIONNEMENT DE GROS OBJETS
CYLINDRACES
[72] HUNTER, Terry, CA
[72] SCHARTINGER'S, Edward J.
(deceased), CA
[71] SCHARTINGER, Edward J. (Deceased),
CA
[71] HUNTER, Terry, CA
[71] SCHARTINGER'S, Edward J.
(deceased), CA
[22] 1999-03-02
[43] 1999-09-11
[30] US (09/038,013) 1998-03-11

[21] **2,264,460**
[13] A1

[51] **Int.Cl. 6C07D 211/98 6C07D 471/10**
6C07F 7/10 6C07D 491/113 6C07D 405/12
6C07D 401/14 6C07D 405/14 6C07D 487/
22 6C08F 2/38 6C07F 9/59
[25] EN
[54] **1-ALKOXY-POLYALKYL-**
PIPERIDINE DERIVATIVES AND
THEIR USE AS POLYMERIZATION
REGULATORS
[54] **DERIVES DE 1-ALKOXY-**
POLYALKYL-PIPERIDINE ET LEUR
UTILISATION EN TANT QUE
REGULATEURS PENDANT LA
POLYMERISATION
[72] NESVADBA, Peter, CH
[72] KRAMER, Andreas, CH
[71] CIBA SPECIALTY CHEMICALS
HOLDING INC., CH
[22] 1999-03-05
[43] 1999-09-09
[30] EP (98810194.5) 1998-03-09
[30] EP (98810531.8) 1998-06-11

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,264,461**
[13] A1

[51] **Int.Cl. 6H04L 12/18**
[25] EN
[54] **IEEE-1394 SERIAL BUS NETWORK CAPABLE OF MULTICAST COMMUNICATION**
[54] **IEEE-1394 - RESEAU BUS EN SERIE CAPABLE D'EFFECTUER DES COMMUNICATIONS MULTIDESTINATAIRES**
[72] MOMONA, Morihisa, JP
[71] NEC CORPORATION, JP
[22] 1999-03-05
[43] 1999-09-06
[30] JP (10-055166) 1998-03-06

[21] **2,264,473**
[13] A1

[51] **Int.Cl. 6G07F 19/00**
[25] EN
[54] **ATM CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMMANDE DE GUICHETS AUTOMATIQUES BANCAIRES**
[72] HERRING, W. Craig, US
[71] NORTH AMERICAN CASH SYSTEMS, INC., US
[22] 1999-03-05
[43] 1999-09-06
[30] US (09/036,357) 1998-03-06

[21] **2,264,491**
[13] A1

[51] **Int.Cl. 6B21D 28/28**
[25] EN
[54] **METHOD AND DEVICE FOR REMOVING A SLUG FROM A HYDROFORMING TOOL**
[54] **METHODE ET DISPOSITIF POUR RETIRER UN BOUCHON D'UN OUTIL D'HYDROFORMAGE**
[72] HUELSBERG, Thomas, DE
[72] PUENJER, Ralf, DE
[71] DAIMLERCHRYSLER AG, DE
[22] 1999-03-04
[43] 1999-09-05
[30] DE (198 09 519.8) 1998-03-05

[21] **2,264,462**
[13] A1

[51] **Int.Cl. 6H04M 11/06**
[25] EN
[54] **DATA TRANSMISSION APPARATUS AND DATA RECEPTION APPARATUS**
[54] **APPAREIL DE TRANSMISSION DE DONNEES ET APPAREIL DE RECEPTION DE DONNEES**
[72] TAKAGI, Genzo, JP
[72] NOGUCHI, Yoshihiro, JP
[72] OKIYAMA, Takashi, JP
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP
[22] 1999-03-05
[43] 1999-09-09
[30] JP (10-74979) 1998-03-09

[21] **2,264,478**
[13] A1

[51] **Int.Cl. 6A45C 5/12**
[25] EN
[54] **ARTICLE OF LUGGAGE HAVING DIVIDER FOR OPPOSING SECTIONS**
[54] **VALISE MUNIE D'UN DISPOSITIF DE SEPARATION DES SECTIONS OPPOSEES**
[72] KIM, Hyun S., US
[72] ABRAHAM, J. Richard, US
[71] AIRWAY INDUSTRIES, INC., US
[22] 1999-03-02
[43] 1999-09-03
[30] US (09/033,809) 1998-03-03

[21] **2,264,504**
[13] A1

[51] **Int.Cl. 6B08B 9/04**
[25] EN
[54] **IMPROVED CLEANING MODULE AND NOVEL CLEANING STUDS**
[54] **MODULE DE NETTOYAGE AMELIORE ET TIGES DE NETTOYAGE**
[72] SIMS, Peggy Lea, US
[72] DeLORME, Ronald William, US
[72] GREENE, Joseph Lee, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 1999-03-02
[43] 1999-09-04
[30] US (09/034,396) 1998-03-04

[21] **2,264,464**
[13] A1

[51] **Int.Cl. 6H04L 12/04 6G11B 23/00 6G06F 13/10 6H04Q 3/64**
[25] EN
[54] **PRIORITIZED TRANSACTION SERVER ALLOCATION**
[54] **ATTRIBUTION PRIORITAIRE DE SERVEURS DE TRANSACTIONS**
[72] DONAGHUE, Norman J., Jr., US
[71] MOSAIX, INC., US
[22] 1999-03-05
[43] 1999-09-06
[30] US (60/077,157) 1998-03-06
[30] US (09/089,848) 1998-06-03

[21] **2,264,480**
[13] A1

[51] **Int.Cl. 6B65B 31/02 6B65B 55/00 6B65B 57/00 6B65B 63/08**
[25] EN
[54] **SYSTEM AND METHOD FOR CHARGING INSULATED CONTAINERS WITH CRYOGENIC LIQUIDS**
[54] **SYSTEME ET METHODE DE CHARGEMENT DES FLUIDES CRYOGENIQUES DANS DES CONTENANTS ISOLES**
[72] NEESER, Timothy A., US
[72] TURNER, Jon Robert, US
[71] MVE, INC., US
[22] 1999-03-02
[43] 1999-09-11
[30] US (09/038,745) 1998-03-11

[21] **2,264,505**
[13] A1

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **SANITARY NAPKIN HAVING FLAPS WITH ZONES OF DIFFERENTIAL STIFFNESS**
[54] **SERVIETTE HYGIENIQUE MUNIE DE RABATS AVEC RIGIDITE DIFFERENTIELLE**
[72] KESSLER, Tyra, US
[72] GLASGOW, Tara, US
[72] MAVINKURVE, Pramod S., US
[71] McNEIL-PPC, INC., US
[22] 1999-03-04
[43] 1999-09-05
[30] US (09/035,599) 1998-03-05

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,264,970**
[13] A1
[51] **Int.Cl. 6A61K 39/385 6A61K 39/02**
[25] EN
[54] **ANTIGENIC CONJUGATES OF CONSERVED LIPOLYSACCHARIDES OF GRAM NEGATIVE BACTERIA**
[54] **CONJUGUES ANTIGENIQUES DE LIPOLYSACCHARIDES DE BACTERIES GRAM-NEGATIVES**
[72] APICELLA, Michael A., US
[72] GIBSON, Bradford W., US
[72] FORTUNA-NEVIN, Maria, US
[72] ARUMUGHAM, Rasappa G., US
[71] AMERICAN CYANAMID COMPANY, US
[22] 1999-03-08
[43] 1999-09-10
[30] US (09/037,529) 1998-03-10

[21] **2,264,988**
[13] A1
[51] **Int.Cl. 6A61M 25/01**
[25] EN
[54] **EMBOLIC COIL DEPLOYMENT SYSTEM WITH IMPROVED EMBOLIC COIL**
[54] **SYSTEME DE DEPLOIEMENT DE SONDE A EMBOLIE AVEC SONDE AMELIOREE**
[72] LULO, Robert, US
[71] CORDIS CORPORATION, US
[22] 1999-03-08
[43] 1999-09-10
[30] US (60/077,455) 1998-03-10

[21] **2,264,990**
[13] A1
[51] **Int.Cl. 6A45C 11/20 6F25D 3/08 6B65D 81/38**
[25] EN
[54] **INSULATED CONTAINER AND RECEPTACLE THEREFOR**
[54] **CONTENEUR ISOLE ET RECIPIENT POUR CELUI-CI**
[72] HODOSH, Marc A., US
[72] MOGIL, Melvin S., CA
[72] BOUSFIELD, Kenneth L., CA
[71] CALIFORNIA INNOVATIONS INC., CA
[22] 1999-03-08
[43] 1999-09-09
[30] US (09/036,566) 1998-03-09

[21] **2,264,995**
[13] A1
[51] **Int.Cl. 6B25B 27/067**
[25] EN
[54] **SPRING LOADED BUSHED WEDGELOCK**
[54] **BALANCIER TUBULAIRE DE CALAGE A GRAFE RESSORT DE PONT-LEVIS**
[72] MORRISON, James L., US
[72] BLAKENSHIP, Thomas O., US
[72] BECKER, Robert O., US
[71] McDONNELL DOUGLAS CORPORATION, US
[22] 1999-03-05
[43] 1999-09-09
[30] US (09/036,766) 1998-03-09

[21] **2,264,996**
[13] A1
[51] **Int.Cl. 6F01D 11/08**
[25] EN
[54] **SEALING DEVICE FOR AXIAL FLOW TURBINE**
[54] **DISPOSITIF D'ETANCHEITE POUR TURBINE HELICOIDALE**
[72] SUZUKI, Toshio, JP
[72] MATSUDA, Minoru, JP
[72] KOMIYAMA, Manabu, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 1999-03-05
[43] 1999-09-06
[30] JP (71195/1998) 1998-03-06

[21] **2,264,998**
[13] A1
[51] **Int.Cl. 6D21F 1/24**
[25] EN
[54] **TWIN-WIRE FORMER AND PROCESS FOR SEPARATING UPPER AND LOWER WIRES OF THE TWIN-WIRE FORMER**
[54] **FORMEUR A DOUBLE TOILE ET METHODE DE SEPARATION DES TOILES SUPERIEURE ET INFERIEURE DU FORMEUR**
[72] WASSERMANN, Alexander, AT
[72] STELZHAMMER, Franz, AT
[72] HALMSCHLAGER, Günter, AT
[72] LEITENBERGER, Werner, DE
[72] BANNING, Jürgen, DE
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE
[22] 1999-03-05
[43] 1999-09-06
[30] DE (198 09 480.9) 1998-03-06

[21] **2,265,011**
[13] A1
[51] **Int.Cl. 6A61F 13/56**
[25] EN
[54] **SANITARY ABSORBENT ARTICLE WITH FLAPS CAPABLE OF GATHERING THE UNDERGARMENT**
[54] **ARTICLE HYGIENIQUE ABSORBANT AVEC RABATS S'ATTACHANT AU SOUS-VETEMENT**
[72] MAVINKURVE, Pramod S., US
[72] GLASGOW, Tara, US
[71] MCNEIL-PPC, INC, US
[22] 1999-03-05
[43] 1999-09-06
[30] US (09/036,717) 1998-03-06

[21] **2,265,025**
[13] A1
[51] **Int.Cl. 6F02P 17/12**
[25] EN
[54] **SCOPE ANALYZER FOR DIRECT IGNITION ENGINES**
[54] **OSCILLOSCOPE POUR MOTEURS A ALLUMAGE DIRECT**
[72] ANTHONI, Carel C., NL
[72] MORITZ, Tyrone J., US
[72] SHEPHERD, Richard H., US
[72] TARAKI, Yosuf M., US
[72] TRSAR, Dale A., US
[71] SNAP-ON TOOLS COMPANY, US
[22] 1999-03-08
[43] 1999-09-06
[30] US (09/036,192) 1998-03-06

[21] **2,265,033**
[13] A1
[51] **Int.Cl. 6B65D 41/08**
[25] EN
[54] **CONTAINER-CLOSURE COMBINATION WITH IMPROVED SEALING FEATURE**
[54] **COMBINAISON DE CONTENEUR-FERMETURE AVEC SCELLEMENT AMELIORE**
[72] ANDERSON, Robert S., US
[71] PREMIUM PLASTICS, INC., US
[22] 1999-03-08
[43] 1999-09-09
[30] US (09/036,879) 1998-03-09

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,265,034**
[13] A1

[51] **Int.Cl. 6A61B 17/12 6A61F 2/06**
[25] EN
[54] **EMBOLIC COIL HYDRAULIC DEPLOYMENT SYSTEM**
[54] **SYSTEME DE DEPLOIEMENT DE SONDE A EMBOLIE HYDRAULIQUE**
[72] HIESHIMA, Grant, US
[71] CORDIS CORPORATION, US
[22] 1999-03-08
[43] 1999-09-10
[30] US (60/077,468) 1998-03-10

[21] **2,265,039**
[13] A1

[51] **Int.Cl. 6E21B 37/00**
[25] EN
[54] **APPARATUS FOR REMOVAL OF MILLING DEBRIS**
[54] **APPAREIL POUR L'EVACUATION DES DEBRIS DE FRAISAGE**
[72] DAVIS, John P., US
[72] CASSEL, Terry E., US
[71] BAKER HUGHES INCORPORATED, US
[22] 1999-03-08
[43] 1999-09-11
[30] US (09/038,782) 1998-03-11

[21] **2,265,045**
[13] A1

[51] **Int.Cl. 6E21B 7/08**
[25] EN
[54] **TORQUE RESISTANT RETRIEVABLE WHIPSTOCK**
[54] **SIFFLET DEVIATEUR RECUPERABLE RESISTANT AU COUPLE**
[72] WHITE, Pat M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1999-03-08
[43] 1999-09-11
[30] US (09/038,405) 1998-03-11

[21] **2,265,048**
[13] A1

[51] **Int.Cl. 6E21B 47/06 6E21B 23/01**
[25] EN
[54] **SELF-LOCKING CONNECTOR**
[54] **ADAPTEUR A VERROUILLAGE AUTOMATIQUE**
[72] WEEKS, Don L., US
[72] SKINNER, Neal G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 1999-03-08
[43] 1999-09-09
[30] US (09/037,592) 1998-03-09

[21] **2,265,055**
[13] A1

[51] **Int.Cl. 6C23G 5/032 6A47L 25/00 6C11D 17/04**
[25] EN
[54] **SOLVENT MIXTURES SUITED FOR USE WITH WIPING CLOTH ON AUTO BODIES**
[54] **COMPOSITIONS DE SOLVANT CONVENABLES A L'ESSUYAGE DE LA SURFACE DES AUTOS AVEC UN TORCHON**
[72] JAREMA, Chester P., US
[71] HENKEL CORPORATION, US
[22] 1999-03-10
[43] 1999-09-11
[30] US (60/077,787) 1998-03-11

[21] **2,265,056**
[13] A1

[51] **Int.Cl. 6B01J 27/16 6B01J 21/00 6C07C 31/02 6B01J 31/02 6C07C 29/08**
[25] EN
[54] **CATALYST AND USE THEREOF**
[54] **CATALYSEUR ET SON UTILISATION**
[72] Fougret, Christoph Martin, GB
[72] HOLDERICH, Wolfgang Friederich, DE
[71] BP CHEMICALS LIMITED, GB
[22] 1999-03-08
[43] 1999-09-10
[30] GB (9805107.1) 1998-03-10

[21] **2,265,058**
[13] A1

[51] **Int.Cl. 6C02F 1/52**
[25] EN
[54] **TREATMENT OF AQUEOUS EFFLUENTS BY INJECTION OF CARBON DIOXIDE**
[54] **TRAITEMENT D'EFFLUENTS LIQUIDES PAR INJECTION DE DIOXYDE DE CARBONE**
[72] de RIGAUD, Jean-Mathieu, FR
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR
[22] 1999-03-08
[43] 1999-09-09
[30] FR (98 02829) 1998-03-09

[21] **2,265,059**
[13] A1

[51] **Int.Cl. 6D01F 6/60**
[25] EN
[54] **PROCESS FOR PRODUCING POLYTETRAMETHYLENE ADIPAMIDE FIBERS**
[54] **PROCEDE DE FABRICATION DE FIBRES D'ADIPAMIDE DE POLYTETRAMETHYLENE**
[72] PESCHKE, Wolfgang, DE
[72] PRIEMSCH, Wolfgang, DE
[72] ZANG, Thomas, DE
[71] AKZO NOBEL NV, NL
[22] 1999-03-08
[43] 1999-09-09
[30] DE (198 09 979.7) 1998-03-09

[21] **2,265,062**
[13] A1

[51] **Int.Cl. 6A61B 17/12 6A61F 2/06**
[25] EN
[54] **STRETCH RESISTANT EMBOLIC COIL WITH VARIABLE STIFFNESS**
[54] **SONDE A EMBOLIE A RIGIDITE VARIABLE RESISTANTE A L'ALLONGEMENT**
[72] NAGLREITER, Brett E., US
[72] DIAZ, Roberto, US
[72] JONES, Donald K., US
[71] CORDIS CORPORATION, US
[22] 1999-03-08
[43] 1999-09-10
[30] US (60/077,466) 1998-03-10

Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999

[21] **2,265,063**
[13] A1

[51] **Int.Cl. 6G01V 3/40**
[25] EN
[54] **CONVERTING MAGNETIC FIELD DEPTH SOLUTIONS TO A THREE-DIMENSIONAL SEISMIC DATA FORMAT**
[54] **CONVERSION DES SOLUTIONS DE PROFONDEUR DES CHAMPS MAGNETIQUES EN FORMAT DE DONNEES SISMIQUES A TROIS DIMENSIONS**
[72] PEIRCE, John W., CA
[72] RHODES, John, CA
[71] PEIRCE, John W., CA
[71] RHODES, John, CA
[22] 1999-03-10
[43] 1999-09-11
[30] CA (2,231,751) 1998-03-11

[21] **2,265,066**
[13] A1

[51] **Int.Cl. 6B32B 3/16**
[25] EN
[54] **ADHESIVE RUBBER ARTICLE HAVING SCORED RELEASE LINER AND GUIDE TO FACILITATE FIELD APPLICATION AND RELATED METHODS**
[54] **ARTICLE DE CAOUTCHOUC ADHESIF AYANT UNE DOUBLURE RAINEE ET UN GUIDE FACILITANT L'APPLICATION SUR LE TERRAIN, ET METHODES CONNEXES**
[72] BARKSDALE, Daniel L., US
[72] KALWARA, Joseph J., US
[71] BRIDGESTONE/FIRESTONE, INC., US
[22] 1999-03-08
[43] 1999-09-09
[30] US (09/037,564) 1998-03-09

[21] **2,265,067**
[13] A1

[51] **Int.Cl. 6F26B 21/06 6F26B 9/02**
[25] EN
[54] **MODULE-CONTROLLED BUILDING DRYING SYSTEM AND PROCESS**
[54] **SYSTEME MODULAIRE D'ASSECHEMENT D'IMMEUBLES ET PROCEDE CONNEXE**
[72] REUTER, Grant, US
[71] REUTER, Grant, US
[22] 1999-03-08
[43] 1999-09-09
[30] US (60/077,326) 1998-03-09

[21] **2,265,069**
[13] A1

[51] **Int.Cl. 6A61K 38/14 6A61K 45/05 6A23K 1/16**
[25] EN
[54] **ORAL IMMUNITY ENHANCING AGENT**
[54] **AGENT ADMINISTRE PAR VOIE ORALE POUR STIMULER LE SYSTEME IMMUNITAIRE**
[72] YAMAZAKI, Masatoshi, JP
[72] SAKUDA, Shohei, JP
[72] TORIDE, Yasuhiko, JP
[71] AJINOMOTO CO., INC., JP
[22] 1999-03-08
[43] 1999-09-10
[30] JP (057936/1998) 1998-03-10

[21] **2,265,071**
[13] A1

[51] **Int.Cl. 6B01J 37/02**
[25] EN
[54] **PROCESS FOR THE COATING OF THE FLOW CHANNELS OF A HONEYCOMB CATALYTIC CONVERTER CARRIER WITH A DISPERSION COATING**
[54] **PROCESSUS D'ENROBAGE DES CANAUX D'ECOULEMENT D'UN CONVERTISSEUR CATALYTIQUE EN NID D'ABEILLES AVEC ENROBAGE DE DISPERSION**
[72] LEIBOLD, Walter, DE
[72] FOERSTER, Martin, DE
[72] DITTRICH, Ewald, DE
[72] BIRTIGH, Gerhard, DE
[72] SCHÄFER, Robert, DE
[72] HASSELMANN, Wolfgang, ZA
[72] MERGNER, Bernd, DE
[72] HOFFMANN, Michael, US
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE
[22] 1999-03-09
[43] 1999-09-10
[30] DE (198 10 260.7) 1998-03-10

[21] **2,265,075**
[13] A1

[51] **Int.Cl. 6H01M 10/02**
[25] EN
[54] **LITHIUM SECONDARY BATTERY**
[54] **BATTERIE SECONDAIRE AU LITHIUM**
[72] NEMOTO, Hiroshi, JP
[71] NGK INSULATORS, LTD., JP
[22] 1999-03-08
[43] 1999-09-11
[30] JP (10-59288) 1998-03-11

[21] **2,265,076**
[13] A1

[51] **Int.Cl. 6A47J 41/00**
[25] EN
[54] **PORTABLE THERMOS RECEPTACLES**
[54] **FLACONS ISOLANTS PORTATIFS**
[72] KOWA, Yasuhiro, JP
[72] TOIDA, Shoji, JP
[72] GOTO, Toru, JP
[71] NIPPON SANSO CORPORATION, JP
[22] 1999-03-08
[43] 1999-09-10
[30] JP (10-58019) 1998-03-10

[21] **2,265,078**
[13] A1

[51] **Int.Cl. 6F04B 19/22 6F16F 15/26 6F16F 15/28**
[25] EN
[54] **COUNTERWEIGHT FOR HERMETIC COMPRESSORS**
[54] **CONTREPOIDS POUR COMPRESSEUR HERMETIQUE**
[72] SILVA, José Mario, BR
[72] CALCIOLARI, Leonelo Antonio, BR
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 1999-03-09
[43] 1999-09-11
[30] BR (000772) 1998-03-11

[21] **2,265,079**
[13] A1

[51] **Int.Cl. 6E02D 29/02**
[25] EN
[54] **WALL CONSTRUCTION BLOCK WITH RETAINING PIN INSERTS**
[54] **BLOCS DE CONSTRUCTION DE MUR AVEC GOUPILLES DE RETENUE**
[72] CICCARELLO, Charles, CA
[71] CICCARELLO, Charles, CA
[22] 1999-03-09
[43] 1999-09-10
[30] US (09/037,811) 1998-03-10

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,265,081**
[13] A1

[51] **Int.Cl. 6F04B 19/22 6F16F 15/06 6F04B 53/16**
[25] EN
[54] **SUSPENSION SPRING SUPPORT FOR HERMETIC COMPRESSORS**
[54] **SUPPORT DE RESSORT DE SUSPENSION POUR COMPRESSEUR HERMETIQUE**
[72] SILVA, José Mario, BR
[72] CALCIOLARI, Leonelo Antonio, BR
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 1999-03-09
[43] 1999-09-11
[30] BR (000771) 1998-03-11

[21] **2,265,095**
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C07D 495/14 6A61K 31/505 6A61K 31/53 6A61K 31/535**
[25] EN
[54] **PYRAZOLOPYRIMIDINES AND PYRAZOLOTRIAZINES**
[54] **DES PYRAZOLOPYRIMIDINES ET DES PYRAZOLOTRIAZINES**
[72] STADLER, Heinz, CH
[72] RIEMER, Claus, DE
[72] BOS, Michael, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 1999-03-08
[43] 1999-09-11
[30] EP (98104346.6) 1998-03-11

[21] **2,265,120**
[13] A1

[51] **Int.Cl. 6C08L 9/02 6C08K 13/02 6C08K 5/29**
[25] EN
[54] **IMPROVED NITRILE POLYMER VULCANIZATE AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **VULCANISAT DE POLYMERE NITRILE AMELIORE ET PROCESSUS DE PRODUCTION DE CELUI-CI**
[72] CAMPOMIZZI, Ezio C., CA
[71] BAYER INC., CA
[22] 1999-03-05
[43] 1999-09-06
[30] CA (2,231,300) 1998-03-06

[21] **2,265,084**
[13] A1

[51] **Int.Cl. 6E04D 15/02 6E04D 15/04**
[25] EN
[54] **IMPROVED ROOFING TOOL**
[54] **OUTIL DE COUVERTURE AMELIORE**
[72] HARPELL, William, CA
[71] HARPELL, William, CA
[22] 1999-03-09
[43] 1999-09-10
[30] US (09/037,342) 1998-03-10

[21] **2,265,109**
[13] A1

[51] **Int.Cl. 6B01D 21/08**
[25] EN
[54] **UPFLOW WATER CLARIFIER WITH CENTRAL PIER**
[54] **BASSIN DE DECANTATION A CIRCULATION D'EAU ASCENDANTE AVEC JETEE CENTRALE**
[72] FASSBENDER, John J., US
[72] PHILLIPS, Daniel H., US
[71] CHICAGO BRIDGE & IRON COMPANY, US
[22] 1999-03-08
[43] 1999-09-10
[30] US (09/037,694) 1998-03-10

[21] **2,265,124**
[13] A1

[51] **Int.Cl. 6H01R 13/512 6G01V 1/16**
[25] EN
[54] **FEMALE SOCKET ASSEMBLY FOR ELECTRICAL CONNECTOR**
[54] **ASSEMBLAGE DE PRISE FEMELLE POUR CONNECTEUR ELECTRIQUE**
[72] BECKER, Timothy D., US
[71] HOUSTON GEOPHYSICAL PRODUCTS, INC., US
[22] 1999-03-05
[43] 1999-09-05
[30] US (09/035,415) 1998-03-05

[21] **2,265,089**
[13] A1

[51] **Int.Cl. 6H04N 7/24 6H04N 5/92**
[25] EN
[54] **TRANSCODING SYSTEM USING ENCODING HISTORY INFORMATION**
[54] **SYSTEME DE TRANSCODAGE UTILISANT LES INFORMATIONS D'ENCODAGE**
[72] TAHARA, Katsumi, JP
[72] MURAKAMI, Yoshihiro, JP
[72] MIHARA, Kanji, JP
[72] KITAMURA, Takuya, JP
[71] SONY CORPORATION, JP
[22] 1999-03-05
[43] 1999-09-10
[30] JP (P10-058118) 1998-03-10
[30] JP (P10-157243) 1998-06-05

[21] **2,265,114**
[13] A1

[51] **Int.Cl. 6H04Q 7/32 6H04B 7/26**
[25] EN
[54] **MULTIMODE RADIO TRANSMISSION SYSTEM**
[54] **SYSTEME DE TRANSMISSION RADIOELECTRIQUE MULTIMODES**
[72] HARADA, Hiroshi, JP
[72] FUJISE, Masayuki, JP
[71] COMMUNICATIONS RESEARCH LABORATORY, MINISTRY OF POSTS AND TELECOMMUNICATIONS, JP
[22] 1999-03-05
[43] 1999-09-06
[30] JP (10-73206) 1998-03-06

[21] **2,265,125**
[13] A1

[51] **Int.Cl. 6H01F 5/00 6H01F 41/04**
[25] EN
[54] **COIL ELEMENT AND METHOD FOR MANUFACTURING THEREOF**
[54] **BOBINE ET METHODE DE FABRICATION**
[72] SUGIMURA, Shiro, JP
[71] SMART CARD TECHNOLOGIES CO., LTD., JP
[22] 1999-03-10
[43] 1999-09-10
[30] JP (58587/1998) 1998-03-10

**Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999**

[21] **2,265,127**
[13] A1

[51] **Int.Cl. 6F15B 15/10 6F16F 9/05**
[25] EN
[54] **FLUTED AIR ACTUATOR**
[54] **ACTIONNEUR D'AIR CANNELE**
[72] ECKTMAN, Jack D., US
[71] BRIDGESTONE/FIRESTONE, INC.,
US
[22] 1999-03-10
[43] 1999-09-11
[30] US (09/038,880) 1998-03-11

[21] **2,265,129**
[13] A1

[51] **Int.Cl. 6E06B 3/968**
[25] EN
[54] **CORNER ASSEMBLY FOR A
FRAME**
[54] **ASSEMBLAGE-ENCOIGNURE
POUR CADRE**
[72] WELFONDER, Konrad, DE
[71] HUNTER DOUGLAS
INTERNATIONAL N.V., NL
[22] 1999-03-10
[43] 1999-09-11
[30] EP (98200762.7) 1998-03-11

[21] **2,265,134**
[13] A1

[51] **Int.Cl. 6H04J 13/00 6H04J 13/02
6H04Q 7/22 6H04Q 7/30 6H04Q 7/32
6H04B 1/69**
[25] EN
[54] **CDMA TRANSMISSION
APPARATUS**
[54] **APPAREIL DE TRANSMISSION A
ACCES MULTIPLE A REPARTITION
PAR CODE**
[72] WATANABE, Masatoshi, JP
[72] KATO, Osamu, JP
[72] HAYASHI, Masaki, JP
[71] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[22] 1999-03-10
[43] 1999-09-10
[30] JP (10-78316) 1998-03-10

[21] **2,265,138**
[13] A1

[51] **Int.Cl. 6E03C 1/264**
[25] EN
[54] **STRAINER ASSEMBLY FOR
BATHTUB DRAINS AND THE LIKE**
[54] **FILTRE A TAMIS POUR
BAIGNOIRE**
[72] BALL, William T., US
[71] WCM INDUSTRIES, INC., US
[22] 1999-03-10
[43] 1999-09-10
[30] US (09/037,485) 1998-03-10

[21] **2,265,140**
[13] A1

[51] **Int.Cl. 6F16B 33/02 6F16B 35/00**
[25] EN
[54] **IMPROVED ANTI-CROSS
THREADING FASTENER**
[54] **DISPOSITIF DE FIXATION A
CONCEPTION ANTI-FAUSSAGE
AMELIOREE**
[72] SAVOJI, Seina, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1999-03-10
[43] 1999-09-11
[30] US (09/038,462) 1998-03-11
[30] US (09/124,169) 1998-07-28

[21] **2,265,144**
[13] A1

[51] **Int.Cl. 6C08L 9/10 6C08L 9/08**
[25] EN
[54] **ELASTOMER BLEND AND USE IN
TIRES**
[54] **MELANGE D'ELASTOMERES ET
SON EMPLOI DANS LA FABRICATION
DES PNEUS**
[72] SENYEK, Michael Leslie, US
[72] SANDSTROM, Paul Harry, US
[72] COLVIN, Howard Allen, US
[72] BLOK, Edward John, US
[72] ZANZIG, David John, US
[71] THE GOODYEAR TIRE & RUBBER
COMPANY, US
[22] 1999-03-10
[43] 1999-09-11
[30] US (60/113,663) 1998-03-11

[21] **2,265,153**
[13] A1

[51] **Int.Cl. 6C08L 9/06 6C08F 236/10**
[25] EN
[54] **EMULSION STYRENE-
BUTADIENE RUBBER**
[54] **EMULSION DE CAOUTCHOUC
BUTADIENE-STYRENE**
[72] SENYEK, Michael Leslie, US
[72] COLVIN, Howard Allen, US
[71] THE GOODYEAR TIRE & RUBBER
COMPANY, US
[22] 1999-03-10
[43] 1999-09-11
[30] US (60/113,663) 1998-03-11
[30] US (60/079,789) 1998-03-28
[30] US (60/104,755) 1998-10-19
[30] US (60/109,530) 1998-11-23
[30] US (60/117,305) 1999-01-26
[30] US (60/120,024) 1999-02-13

[21] **2,265,155**
[13] A1

[51] **Int.Cl. 6B05B 1/02 6B08B 3/02**
[25] EN
[54] **NOZZLE FOR PRODUCING HIGH-
IMPACT LONG-RANGE JET FROM
FAN BLOWN AIR**
[54] **BUSE POUR LA PRODUCTION
D'UN JET A FORT IMPACT ET A
LONGUE PORTEE A PARTIR D'AIR
SOUFFLE PAR UN VENTILATEUR**
[72] DAVIDSON, John Frederick Hayden,
CA
[72] DAVIDSON, Kirk John William, CA
[71] AIR FORCE 1 BLOW OFF SYSTEMS
INC., CA
[22] 1999-03-10
[43] 1999-09-10
[30] CA (2,231,602) 1998-03-10

[21] **2,265,156**
[13] A1

[51] **Int.Cl. 6F16B 33/02 6F16B 35/00**
[25] EN
[54] **ANTI-CROSS THREADING
FASTENER**
[54] **DISPOSITIF DE FIXATION ANTI-
FAUSSAGE**
[72] SAVOJI, Seina, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 1999-03-10
[43] 1999-09-11
[30] US (09/038,462) 1998-03-11

Demandes canadiennes mises à la disponibilité du public
29 août 1999 - 11 septembre 1999

[21] **2,265,160**
[13] A1

[51] **Int.Cl. 6H04J 13/00 6H04Q 7/30 6H04Q 7/32**
[25] EN
[54] **CDMA COMMUNICATION APPARATUS AND CDMA COMMUNICATION METHOD**
[54] **APPAREIL DE COMMUNICATION A ACCES MULTIPLE A REPARTITION PAR CODE ET METHODE DE COMMUNICATION A ACCES MULTIPLE A REPARTITION PAR CODE**
[72] WATANABE, Masatoshi, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1999-03-10
[43] 1999-09-10
[30] JP (10-78314) 1998-03-10

[21] **2,265,162**
[13] A1

[51] **Int.Cl. 6C04B 24/12**
[25] EN
[54] **INJECTION CEMENT COMPRISING CORROSION INHIBITORS**
[54] **CIMENT D'INJECTION COMPRENANT DES INHIBITEURS DE CORROSION**
[72] WOMBACHER, Franz, CH
[72] BURGE, Theodor A., CH
[71] SIKA AG, VORM. KASPAR WINKLER & CO., CH
[22] 1999-03-09
[43] 1999-09-10
[30] CH (562/98) 1998-03-09

[21] **2,265,163**
[13] A1

[51] **Int.Cl. 6F16L 55/04 6F16L 55/033 6B66B 9/04**
[25] EN
[54] **PULSATION DAMPER FOR A HYDRAULIC ELEVATOR**
[54] **ETOUFFOIR DE BRUIT DE PULSATION DANS UN ASCENSEUR HYDRAULIQUE**
[72] CHOW, Dean, US
[72] HOLMES, Terry D., US
[72] SPELL, Charles P., II, US
[71] INVENTIO AG, CH
[22] 1999-03-09
[43] 1999-09-11
[30] US (09/038,472) 1998-03-11

[21] **2,265,168**
[13] A1

[51] **Int.Cl. 6C08F 2/34 6C08F 10/00 6C08F 36/02**
[25] EN
[54] **REDUCED SHEETING IN SINGLE-SITE AND SINGLE-SITE LIKE POLYMERIZATIONS BY EMPLOYING A CHROMIUM CONTAINING COMPOUND**
[54] **REDUCTION DU FEUILLETAGE LORS DE LA POLYMERISATION A SITE UNIQUE OU PAR CATALYSE SEMBLABLE, PAR L'EMPLOI D'UN COMPOSE DE CHROME**
[72] LEE, Kiu Hee, US
[72] HUSSEIN, Fathi David, US
[72] KAROL, Frederick John, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[22] 1999-03-09
[43] 1999-09-11
[30] US (09/038,575) 1998-03-11

[21] **2,265,169**
[13] A1

[51] **Int.Cl. 6D21H 17/19 6D21H 17/34**
[25] EN
[54] **PAPER SATURANT PREPARED FROM AN AQUEOUS EMULSION POLYMER**
[54] **SATURANT DE PAPIER PREPARE AU MOYEN D'UN POLYMERE LIQUIDE EN EMULSION**
[72] FARWAHA, Rajeev, CA
[72] PHAN, Lien, CA
[72] PAULS, Steven P., Sr., US
[72] BLACKIE, Alan J., CA
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[22] 1999-03-09
[43] 1999-09-10
[30] US (09/037,306) 1998-03-09

[21] **2,265,168**
[13] A1

[51] **Int.Cl. 6C08L 69/00 6C08K 5/29**
[25] EN
[54] **NEAR INFRARED ABSORBENT POLYCARBONATE RESIN COMPOSITION AND SHAPED ARTICLE THEREOF**
[54] **COMPOSITION DE RESINE DE POLYCARBONATE ABSORBANT DE RAYONNEMENTS INFRAROUGES PROCHES ET ARTICLE FORME A PARTIR D'UNE TELLE COMPOSITION**
[72] MASUDA, Gen, JP
[72] HASEGAWA, Shun, JP
[72] AMANO, Satoshi, JP
[71] NISSHINBO INDUSTRIES, INC., JP
[22] 1999-03-10
[43] 1999-09-11
[30] JP (10-80178) 1998-03-11

[21] **2,265,189**
[13] A1

[51] **Int.Cl. 6C08L 69/00 6C08K 5/29**
[25] EN
[54] **NEAR INFRARED ABSORBENT POLYCARBONATE RESIN COMPOSITION AND SHAPED ARTICLE THEREOF**
[54] **COMPOSITION DE RESINE DE POLYCARBONATE ABSORBANT DE RAYONNEMENTS INFRAROUGES PROCHES ET ARTICLE FORME A PARTIR D'UNE TELLE COMPOSITION**
[72] MASUDA, Gen, JP
[72] HASEGAWA, Shun, JP
[72] AMANO, Satoshi, JP
[71] NISSHINBO INDUSTRIES, INC., JP
[22] 1999-03-10
[43] 1999-09-11
[30] JP (10-80178) 1998-03-11

[21] **2,265,192**
[13] A1

[51] **Int.Cl. 6H03M 1/34**
[25] EN
[54] **SIGNAL PROCESSING METHOD AND MEANS**
[54] **METHODE ET MOYEN DE TRAITEMENT DES SIGNAUX**
[72] HOOLE, Richard Steven, GB
[71] ALSTOM UK LTD., GB
[22] 1999-03-09
[43] 1999-09-10
[30] GB (9805034.7) 1998-03-10

[21] **2,265,198**
[13] A1

[51] **Int.Cl. 6A61K 31/465 6A61K 9/12 6A61K 9/72**
[25] EN
[54] **METHOD OF PRODUCING A NICOTINE MEDICAMENT AND A MEDICAMENT MADE BY THE METHOD**
[54] **METHODE D'OBTENTION D'UN MEDICAMENT A BASE DE NICOTINE ET LE MEDICAMENT OBTENU PAR CETTE METHODE**
[72] PISKORZ, Hanna, CA
[71] SLUTSKY, Art, CA
[71] ALLEN, Tom, CA
[71] ZAMEL, Noe, CA
[22] 1999-03-10
[43] 1999-09-11
[30] CA (2,231,968) 1998-03-11

**Canadian Laid-Open Applications
August 29, 1999 - September 11, 1999**

[21] **2,265,202**
[13] A1

[51] **Int.Cl. 6G06K 11/18 6G08C 21/00**
[25] EN
[54] **SENSING AND CONTROL DEVICES USING PRESSURE SENSITIVE RESISTIVE ELEMENTS**
[54] **CAPTEURS ET DISPOSITIFS DE COMMANDE UTILISANT DES ELEMENTS SENSIBLES A LA PRESSION**
[72] CAMPBELL, Robert, US
[72] ESCOBOSA, Marcus, US
[71] UNIVERSAL ELECTRONICS INC., US
[22] 1999-03-09
[43] 1999-09-10
[30] US (09/038,626) 1998-03-10

[21] **2,265,212**
[13] A1

[51] **Int.Cl. 6C09J 157/00 6C09J 7/02 6C09J 139/02**
[25] EN
[54] **PRESSURE SENSITIVE ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS AUTOADHESIVES**
[72] FARWAHA, Rajeev, CA
[72] PHAN, Lien, CA
[72] HAYES, Patrick J., CA
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[22] 1999-03-09
[43] 1999-09-09
[30] US (09/036,735) 1998-03-09

[21] **2,265,214**
[13] A1

[51] **Int.Cl. 6C09J 125/08 6C09J 11/02 6C08J 5/12 6C09J 125/16**
[25] EN
[54] **AQUEOUS ADHESIVE**
[54] **ADHESIF LIQUIDE**
[72] TALLMADGE, Jack N., US
[72] MOWREY, Douglas H., US
[71] LORD CORPORATION, US
[22] 1999-03-09
[43] 1999-09-09
[30] US (09/037,255) 1998-03-09

[21] **2,265,218**
[13] A1

[51] **Int.Cl. 6C09D 157/00 6C09D 139/02 6C09D 157/06**
[25] EN
[54] **LATEX BINDERS FOR COATINGS INCORPORATING A POLYMERIZABLE SURFACTANT HAVING A TERMINAL ALLYL AMINE MOIETY**
[54] **LIANTS EN LATEX POUR REVETEMENTS CONTENANT UN SURFACTIF POLYMERISABLE AYANT UN GROUPE FONCTIONNEL TERMINAL D'AMINE ALLYLIQUE**
[72] FARWAHA, Rajeev, CA
[72] PHAN, Lien, CA
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[22] 1999-03-09
[43] 1999-09-09
[30] US (09/036,825) 1998-03-09

[21] **2,265,229**
[13] A1

[51] **Int.Cl. 6A47J 27/04**
[25] FR
[54] **FOUR A VAPEUR A REPARTITEUR FIXE DE L'EAU A VAPORISER**
[54] **STEAM-TUBE OVEN INCLUDING A FIXED DISTRIBUTION SYSTEM FOR WATER TO BE CONVERTED INTO STEAM**
[72] VIOLI, Raymond, FR
[71] SOCIÉTÉ COOPÉRATIVE DE PRODUCTION BOURGEOIS, société coopérative de prod, FR
[22] 1999-03-09
[43] 1999-09-09
[30] FR (98 03218) 1998-03-09

[21] **2,265,231**
[13] A1

[51] **Int.Cl. 6B22D 21/04**
[25] FR
[54] **PROCEDE DE MOULAGE EN GRANDE SERIE DE PIECES D'ALLIAGE D'ALUMINIUM ET EQUIPEMENTS ASSOCIES**
[54] **ALUMINUM CASTING PROCESS FOR LONG-RUN PRODUCTION OF ALUMINUM ALLOY WORKPIECES AND RELATED EQUIPMENT**
[72] MEYER, Philippe, FR
[71] MONTUPET S.A., FR
[22] 1999-03-09
[43] 1999-09-10
[30] FR (98 03028) 1998-03-10

[21] **2,265,240**
[13] A1

[51] **Int.Cl. 6C23C 4/06**
[25] EN
[54] **ARC THERMAL SPRAY GUN EXTENSION AND GAS JET MEMBER THEREFOR**
[54] **PROLONGEMENT DE PISTOLET POUR PROJECTION A CHAUD EN ARC COMPRENANT UN ELEMENT DE JET DE GAZ**
[72] BENARY, Raphael, US
[71] SULZER METCO (US) INC., US
[22] 1999-03-11
[43] 1999-09-11
[30] US (09/038,425) 1998-03-11

[21] **2,265,276**
[13] A1

[51] **Int.Cl. 6C07D 339/04 6A61K 31/385**
[25] EN
[54] **ALPHA-LIPOIC ACID HAVING A NOVEL MODIFICATION**
[54] **ACIDE ALPHA-LIPOIQUE AUX CARACTERISTIQUES NOVATRICES**
[72] LABAN, Gunter, DE
[72] BEISSWENGER, Thomas, DE
[72] OESTREICH, Eberhard, DE
[72] LANDGRAF, Karl-Friedrich, DE
[72] RISCHER, Matthias, DE
[71] ASTA MEDICA AG, DE
[22] 1999-03-11
[43] 1999-09-11
[30] DE (198 10 336.0) 1998-03-11

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,249,977**
[13] A1

[51] **Int.Cl. 6H04N 1/03**
[25] EN
[54] **IMAGE SENSOR CHIP AND IMAGE SENSOR**
[54] **PUCE CAPTEUR D'IMAGE ET CAPTEUR D'IMAGE**
[72] SAWADA, Hideki, JP
[71] ROHM CO., LTD., JP
[85] 1998-09-23
[86] 1998-01-30 (PCT/JP98/00413)
[87] 1998-08-06 (WO98/34279)
[30] JP (9/17022) 1997-01-30

[21] **2,263,831**
[13] A1

[51] **Int.Cl. 6C09D 177/12 6C09D 141/00 6C08J 7/04 6C09D 5/46**
[25] EN
[54] **AN AGENT FOR PROVIDING AN ELECTROSTATIC COATING PROPERTY AND IMPROVING THE WATER RESISTANCE OF A COATING FILM, AN ELECTROSTATICALLY COATED RESIN MOLDED ARTICLE, AND AN ELECTROSTATIC COATING METHOD**
[54] **UN AGENT FOURNISSANT UNE PROPRIETE D'ENROBAGE ELECTROSTATIQUE ET AMELIORANT LA RESISTANCE A L'EAU D'UN FILM DE REVETEMENT, ARTICLE MOULE REVETU ELECTROSTATIQUEMENT DE RESINE ET LA METHODE DE REVETEMENT ELECTROSTATIQUE**
[72] OKADA, Takeo, JP
[72] KOHAMA, Katsumi, JP
[72] MASUDA, Hisashi, JP
[72] INADA, Eiji, JP
[72] KAMIYAMA, Shiro, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[71] SANYO CHEMICAL INDUSTRIES, LTD., JP
[85] 1999-02-19
[86] 1998-03-09 (PCT/JP98/00957)
[87] 1999-09-09 ()

[21] **2,264,954**
[13] A1

[51] **Int.Cl. 6G02B 27/18 6G02B 26/08**
[25] EN
[54] **PROJECTION DISPLAY DEVICE**
[54] **DISPOSITIF DE PROJECTION D'AFFICHAGE**
[72] YAJIMA, Akitaka, JP
[72] OGAWA, Yasunori, JP
[72] ITO, Jiro, JP
[71] SEIKO EPSON CORPORATION, JP
[85] 1999-03-01
[86] 1998-10-09 (PCT/JP98/04569)
[87] 1999-04-22 (WO99/19759)
[30] JP (9-277849) 1997-10-09

[21] **2,269,113**
[13] A1

[51] **Int.Cl. 6B23K 35/38 6B23K 9/16**
[25] EN
[54] **MULTI-PURPOSE, MULTI-TRANSFER, MULTI-POSITION SHIELDING GAS FOR ARC WELDING**
[54] **GAZ DE PROTECTION A MULTI-POSITION, MULTI-TRANSFERT, MUTLI-USAGE POUR LESOUDAGE A L'ARC**
[72] DEMERS, Claude Raymond, CA
[72] LeHOULLIER, Guy, CA
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 1999-04-20
[86] 1997-12-05 (PCT/US97/22337)
[87] 1999-06-17 (WO99/29466)

[21] **2,274,788**
[13] A1

[51] **Int.Cl. 6G06F 19/00**
[25] EN
[54] **SYSTEM FOR DRUG AND HEALTH CARE SUPPLY DISTRIBUTION AND REPLENISHMENT**
[54] **SYSTEME DE DISTRIBUTION ET DE RECHARGE POUR MEDICAMENTS ET FOURNITURES MEDICALES**
[72] DAFT, H. Thomas, US
[72] COLELLA, Salvatore, US
[72] LESTER, Douglas D., US
[72] SWENSON, David D., US
[72] BROADFIELD, Laird, US
[72] WIDENHOFER, Gerald J., US
[72] LAWRENCE, Stephen M., US
[71] PYXIS CORPORATION, US
[85] 1999-06-09
[86] 1997-12-09 (PCT/US97/22396)
[87] 1998-07-02 (WO98/28676)
[30] US (08/762,041) 1996-12-09
[30] US (08/867,605) 1997-06-02

[21] **2,275,974**
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00**
[25] EN
[54] **METHODS FOR PRODUCING PARTHENOCAPIIC OR FEMALE STERILE TRANSGENIC PLANTS**
[54] **PROCEDES PERMETTANT DE PRODUIRE DES PLANTES TRANSGENIQUES FEMELLES STERILES**
[72] SAEDLER, HEINZ, DE
[72] SPENA, ANGELO, IT
[72] SOMMER, HANS, DE
[72] ROTINO, GUISEPPE LEONARDO, IT
[71] SPENA, ANGELO, IT
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[71] INSTITUTO SPERIMENTALE PER L'ORTICOLTURA, IT
[85] 1999-06-18
[86] 1997-12-19 (PCT/EP97/07202)
[87] 1998-07-02 (WO98/28430)
[30] EP (96120645.5) 1996-12-20
[30] EP (97104156.1) 1997-03-12
[30] EP (97105843.3) 1997-04-09

PCT Applications Entering the National Phase

[21] **2,275,975**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C12Q 1/68 6C07K 14/705**
[25] EN
[54] **HUMAN MAGE-LIKE PROTEIN**
[54] **PROTEINE HUMAINE DE TYPE MAGE**
[72] GOLI, SURYA K., US
[72] BANDMAN, OLGA, US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 1999-06-25
[86] 1997-12-17 (PCT/US97/23969)
[87] 1998-07-09 (WO98/29548)
[30] US (08/773,870) 1996-12-27

[21] **2,275,976**
[13] A1

[51] **Int.Cl. 6B21D 39/03**
[25] EN
[54] **MECHANICAL ASSEMBLY PROCESS AND DEVICE**
[54] **PROCEDE D'ASSEMBLAGE MECANIQUE**
[72] ENGLER, MARKUS, CH
[72] SCHNEIDER, DOMINIK, CH
[71] ECKOLD AG, CH
[85] 1999-06-25
[86] 1998-10-14 (PCT/EP98/06507)
[87] 1999-05-06 (WO99/21668)
[30] EP (197 47 267.2) 1997-10-25

[21] **2,276,088**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12P 21/02 6A61K 38/17 6C07K 14/47 6C07K 14/475 6C07K 14/52 6C07K 14/705**
[25] EN
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**
[72] MCCOY, JOHN M., US
[72] JACOBS, KENNETH, US
[72] AGOSTINO, MICHAEL J., US
[72] LAVALLIE, EDWARD R., US
[72] MERBERG, DAVID, US
[72] RACIE, LISA A., US
[72] TREACY, MAURICE, US
[72] SPAULDING, VIKKI, US
[71] GENETICS INSTITUTE, INC., US
[85] 1999-06-25
[86] 1997-12-20 (PCT/US97/23506)
[87] 1998-07-16 (WO98/30589)
[30] US (08/781,225) 1997-01-10
[30] US (08/993,228) 1997-12-18

[21] **2,276,092**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 14/47 6C12Q 1/68**
[25] EN
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**
[72] JACOBS, KENNETH, US
[72] RACIE, LISA A., US
[72] MERBERG, DAVID, US
[72] TREACY, MAURICE, US
[72] LAVALLIE, EDWARD R., US
[72] MCCOY, JOHN M., US
[72] SPAULDING, VIKKI, US
[72] AGOSTINO, MICHAEL J., US
[71] GENETICS INSTITUTE, INC., US
[85] 1999-06-30
[86] 1998-01-09 (PCT/US98/00543)
[87] 1998-07-16 (WO98/30695)
[30] US (08/780,814) 1997-01-09
[30] US (09/004,684) 1998-01-08

[21] **2,276,250**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A01K 67/027 6C12N 5/10 6C12N 15/10 6C07K 16/18 6C07K 14/47 6G01N 33/50 6G01N 33/577 6C12N 15/62 6C12Q 1/68**
[25] EN
[54] **CIITA-INTERACTING PROTEINS AND METHODS OF USE THEREFOR**
[54] **PROTEINES AYANT UNE INTERACTION AVEC CIITA ET PROCEDES D'UTILISATION DESDITES PROTEINES**
[72] GLIMCHER, LAURIE H., US
[72] ZHOU, HONG, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 1999-07-05
[86] 1998-10-28 (PCT/US98/22934)
[87] 1999-05-20 (WO99/24570)
[30] US (08/965,272) 1997-11-06

[21] **2,276,459**
[13] A1

[51] **Int.Cl. 6C12N 15/09 6A01K 67/027 6C12N 5/06 6C07K 14/47 6G01N 33/574 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **NOVEL METHOD FOR TESTING THE DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL**
[54] **NOUVEAU PROCEDE POUR TESTER L'ETAT DE DIFFERENCIATION DES CELLULES PANCREATIQUES CHEZ LE MAMMIFERE**
[72] SOSA-PINEDA, BEATRIZ, US
[72] GRUSS, PETER, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 1999-06-30
[86] 1997-12-30 (PCT/EP97/07321)
[87] 1998-07-09 (WO98/29566)
[30] US (08/778,423) 1996-12-31

[21] **2,276,460**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6A61K 48/00 6A61K 49/00 6A01K 67/027 6A61K 38/17 6A61K 35/39 6A61K 31/70**
[25] EN
[54] **NOVEL METHOD FOR TESTING THE DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL**
[54] **NOUVEAU PROCEDE POUR TESTER L'ETAT DE DIFFERENCIATION DES CELLULES PANCREATIQUES CHEZ LE MAMMIFERE**
[72] GRUSS, PETER, DE
[72] ST-ONGE, LUC, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 1999-06-30
[86] 1997-12-30 (PCT/EP97/07320)
[87] 1998-07-09 (WO98/29565)
[30] US (08/778,394) 1996-12-31

Demandes PCT entrant en phase nationale

[21] **2,276,490**
[13] A1

[51] **Int.Cl. 6C07K 14/59 6A61K 38/24 6G01N 33/74**
[25] FR
[54] **PEPTIDES ANTIGENIQUES REAGISSANT AVEC LES ANTICORPS ANTI-OVAIRE**
[54] **ANTIGENIC PEPTIDES REACTING WITH ANTI-OVARY ANTIBODIES**
[72] BENE, MARIE-CHRISTINE, FR
[72] FAURE, GILBERT, FR
[72] DALBON, PASCAL, FR
[72] JOLIVET, MICHEL, FR
[72] JOLIVET-REYNAUD, COLETTE, FR
[71] BIO MERIEUX, FR
[85] 1999-06-30
[86] 1997-12-31 (PCT/IB97/01611)
[87] 1998-07-09 (WO98/29450)
[30] FR (96/16385) 1996-12-31

[21] **2,276,533**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12Q 1/02 6C12N 5/10 6A61K 38/17 6C07K 16/18 6C12N 1/21 6C07K 14/47 6C12N 15/70 6C12N 15/85**
[25] EN
[54] **HUMAN ENDOSULFINE GENE**
[54] **GENE D'ENDOSULFINE D'ORIGINE HUMAINE**
[72] ANDERSON, KRISTI L., US
[72] SCOTT, VICTORIA E. S., US
[72] SULLIVAN, JAMES P., US
[72] ROCH, JEAN-MARC, US
[71] ABBOTT LABORATORIES, US
[85] 1999-07-05
[86] 1998-01-07 (PCT/US98/00137)
[87] 1998-07-16 (WO98/30692)
[30] US (08/779,775) 1997-01-07

[21] **2,276,534**
[13] A1

[51] **Int.Cl. 6C12N 15/62 6C07K 19/00 6C12P 21/02 6A61K 38/16 6C12N 15/29 6C07K 14/42 6A61K 47/48 6C12Q 1/68 6A61K 35/78**
[25] EN
[54] **RECOMBINANT FUSION PROTEINS BASED ON RIBOSOME-INACTIVATING PROTEINS OF EUROPEAN MISTLETOE VISCUM ALBUM**
[54] **PROTEINES RECOMBINANTES DE FUSION A BASE DE PROTEINES DU GUI VISCUM ALBUM QUI DESACTIVENT LES RIBOSOMES**
[72] SCHMIDT, ARNO, DE
[72] ZINKE, HOLGER, DE
[72] ECK, JURGEN, DE
[71] B.R.A.I.N. BIOTECHNOLOGY RESEARCH AND INFORMATION NETWORK GMBH, DE
[85] 1999-07-02
[86] 1998-01-02 (PCT/EP98/00009)
[87] 1998-07-09 (WO98/29540)
[30] EP (97100012.0) 1997-01-02

[21] **2,276,685**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C12N 1/21 6C07K 14/47 6C12Q 1/68 6C12N 15/70**
[25] EN
[54] **SUPPRESSOR OF CYTOKINE SIGNALING**
[54] **SUPPRESSEUR DE LA SIGNALISATION CYTOKINAIRE**
[72] SHAH, PURVI, US
[72] CORLEY, NEIL C., US
[72] HILLMAN, JENNIFER L., US
[71] INCYTE PHARMACEUTICALS, INC., US
[85] 1999-07-05
[86] 1998-10-28 (PCT/US98/22930)
[87] 1999-05-14 (WO99/23220)
[30] US (08/963,165) 1997-11-03

[21] **2,276,694**
[13] A1

[51] **Int.Cl. 6C07J 5/00 6A01N 57/04 6A61K 38/05 6C07D 249/08 6C07K 5/093 6C07D 295/108 6C07D 219/12 6C07D 417/12 6C07D 305/14 6C07D 207/16 6A61K 31/19 6C07D 501/20 6A61K 31/215 6C07H 15/252 6C07C 65/28 6C07D 209/28 6A61K 31/335 6C07C 235/34 6A01N 47/36 6A61K 31/37 6C07C 233/38 6A61K 31/40 6A01N 37/40 6A01N 43/40 6A61K 31/41 6C07C 229/42 6C07D 215/42 6A61K 31/43 6C07C 233/44 6C07D 311/44 6A61K 31/47 6A61K 31/495 6A61K 31/54 6C07C 255/55 6A61K 31/57 6C07C 69/58 6A61K 31/60 6C07C 59/64 6C07C 229/64 6A01N 43/653 6C07D 499/68 6A61K 31/70 6C07C 69/734 6C07D 499/76 6C07C 69/78 6C07C 69/88**
[25] EN
[54] **NEW FATTY ACID DERIVATIVES**
[54] **NOUVEAUX DERIVES D'ACIDE GRAS**
[72] BORRETZEN, BERNT, NO
[72] MYHREN, FINN, NO
[72] SANDVOLD, MARIT LILAND, NO
[72] DALEN, ARE, NO
[71] NORSK HYDRO ASA, NO
[85] 1999-07-05
[86] 1998-01-23 (PCT/NO98/00021)
[87] 1998-07-30 (WO98/32718)
[30] GB (9701441.9) 1997-01-24

[21] **2,276,745**
[13] A1

[51] **Int.Cl. 6C07H 21/04 6C07H 21/00 6C07K 1/00 6C12N 9/00 6C12N 15/00 6C12P 21/00 6C12Q 1/00 6C12N 9/02 6C12N 1/19 6C12Q 1/26 6C12Q 1/68**
[25] EN
[54] **MYCOBACTERIUM FOL A GENE THAT ENCODES FOR THE ENZYME DIHYDROFOLATE REDUCTASE**
[54] **GENE FOL A DE MYCOBACTERIES CODANT L'ENZYME DIHYDROFOLATE REDUCTASE**
[72] BARROW, WILLIAM W., US
[72] DOOLEY, THOMAS P., US
[72] VAN GINKEL, SABRINA Z., US
[72] SULING, WILLIAM J., US
[71] SOUTHERN RESEARCH INSTITUTE, US
[85] 1999-07-02
[86] 1997-12-19 (PCT/US97/23557)
[87] 1998-07-09 (WO98/29432)
[30] US (60/034,725) 1997-01-03
[30] US (60/039,737) 1997-02-14
[30] US (08/990,791) 1997-12-15

PCT Applications Entering the National Phase

[21] **2,277,014**
[13] A1

[51] **Int.Cl. 6C07C 251/60 6A01N 33/24 6A01N 33/26 6C07C 251/86**
[25] EN
[54] **3-AMINOCARBONYL/3-AMINOTHIOCARBONYL-SUBSTITUTED 2-BENZOYL-CYCLOHEXAN-1,3-DIONES WITH HERBICIDAL EFFECT**
[54] **2-BENZOYL-CYCLOHEXANE-1,3-DIONES 3-AMINOCARBONYL / 3-AMINOTHIOCARBONYL-SUBSTITUEES A ACTION HERBICIDE**
[72] MAYER, GUIDO, DE
[72] OTTEN, MARTINA, DE
[72] KARDORFF, UWE, DE
[72] WALTER, HELMUT, DE
[72] WESTPHALEN, KARL-OTTO, DE
[72] MISSLITZ, ULF, DE
[72] RACK, MICHAEL, DE
[72] RHEINHEIMER, JOACHIM, DE
[72] BAUMANN, ERNST, DE
[72] VON DEYN, WOLFGANG, DE
[72] ENGEL, STEFAN, DE
[72] WITSCHER, MATTHIAS, DE
[72] HILL, REGINA LUISE, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 1999-06-30
[86] 1997-12-19 (PCT/EP97/07211)
[87] 1998-07-09 (WO98/29383)
[30] DE (19700097.5) 1997-01-03

[21] **2,277,016**
[13] A1

[51] **Int.Cl. 6B64D 27/26**
[25] EN
[54] **DEVICE FOR LOCKING AN ENGINE ON AN AIRCRAFT**
[54] **DISPOSITIF D'ACCROCHAGE D'UN MOTEUR SUR UN AERONEF**
[72] LE BLAYE, SÉBASTIEN, FR
[72] CANADAS, MARC, FR
[71] AEROSPATIALE SOCIÉTÉ NATIONALE INDUSTRIELLE, FR
[85] 1999-07-05
[86] 1998-11-05 (PCT/FR98/02371)
[87] 1999-05-20 (WO99/24320)
[30] FR (97 13966) 1997-11-06

[21] **2,277,017**
[13] A1

[51] **Int.Cl. 6A61K 9/54**
[25] EN
[54] **RAPIDLY RELEASING AND TASTE-MASKING PHARMACEUTICAL DOSAGE FORM**
[54] **FORME GALENIQUE PHARMACEUTIQUE A LIBERATION RAPIDE ET MASQUANT LE GOUT**
[72] ITOH, AKINORI, JP
[72] NIWA, TOSHIYUKI, JP
[71] PFIZER INC., US
[85] 1999-07-05
[86] 1997-11-20 (PCT/IB97/01471)
[87] 1998-07-16 (WO98/30209)
[30] WO (PCT/IB97/00003) 1997-01-06

[21] **2,277,018**
[13] A1

[51] **Int.Cl. 6A61K 31/41 6A61K 38/04 6A61K 31/415 6A61K 31/44 6A61K 31/47 6A61K 31/505**
[25] EN
[54] **USE OF ANGIOTENSIN II ANTAGONISTS TO TREAT SYMPTOMATIC HEART FAILURE**
[54] **UTILISATION D'ANTAGONISTES D'ANGIOTENSINE II DANS LE TRAITEMENT D'UNE INSUFFISANCE CARDIAQUE SYMPTOMATIQUE**
[72] PITT, BERTRAM, US
[72] CHANG, PAUL L., US
[72] SHARMA, DIVAKAR, US
[72] SNAVELY, DUANE B., US
[72] SEGAL, ROBERT, US
[72] BEERE, POLLY A., US
[72] RUCINSKA, EWA J., US
[71] MERCK & CO., INC., US
[85] 1999-07-07
[86] 1998-01-07 (PCT/US98/00534)
[87] 1998-07-16 (WO98/30216)
[30] US (60/034,927) 1997-01-10
[30] GB (9704197.4) 1997-02-28

[21] **2,277,019**
[13] A1

[51] **Int.Cl. 6C07D 493/04 6A01N 43/90**
[25] EN
[54] **5-(DIOXABICYCLOHEPT-6-YL)-CYCLOHEXENONE OXIME ETHERS, THEIR PREPARATION AND THEIR USE**
[54] **ETHERS D'OXIME DE 5-(DIOXABICYCLOHEPT-6-YLE)-CYCLOHEXENONE, LEUR PREPARATION ET LEUR UTILISATION**
[72] MAYWALD, VOLKER, DE
[72] MISSLITZ, ULF, DE
[72] KARDORFF, UWE, DE
[72] WESTPHALEN, KARL-OTTO, DE
[72] WALTER, HELMUT, DE
[72] RHEINHEIMER, JOACHIM, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 1999-07-05
[86] 1997-12-19 (PCT/EP97/07215)
[87] 1998-07-16 (WO98/30565)
[30] DE (19700455.5) 1997-01-09

[21] **2,277,020**
[13] A1

[51] **Int.Cl. 6A61K 6/00 6A61L 27/00 6A61K 6/033 6A61K 6/08 6A61K 7/16**
[25] EN
[54] **MATERIAL INTENDED TO REMINERALISE ORGANOMINERAL TISSUES**
[54] **MATERIAU REMINERALISANT DE TISSUS ORGANOMINERAUX**
[72] VALIENTE MALMAGRO, MANUEL, ES
[72] ZVONNIKOVA, LJUDMILA, RU
[72] MURAVIEV, DIMITRI, ES
[71] SOCIEDAD LIMITADA PARA EL DESARROLLO CIENTIFICO APLICADO, ES
[85] 1999-07-05
[86] 1997-12-30 (PCT/ES97/00316)
[87] 1998-07-16 (WO98/30191)
[30] ES (P 9700016) 1997-01-07

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,277,021 [13] A1</p> <p>[51] Int.Cl. 6G06F 19/00 6G06F 17/60 [25] EN [54] AN ORDER DATA MANAGEMENT SYSTEM [54] SYSTEME DE GESTION DES DONNEES DE COMMANDE [72] SANO, KOUICHI, JP [71] TOSHIBA TEC KABUSHIKI KAISHA, JP [85] 1999-07-05 [86] 1998-10-30 (PCT/JP98/04937) [87] 1999-05-20 (WO99/24929) [30] JP (9/303900) 1997-11-06 [30] JP (10/243667) 1998-08-28</p>	<p style="text-align: right;">[21] 2,277,024 [13] A1</p> <p>[51] Int.Cl. 6H04R 25/00 [25] EN [54] SPEAKER SYSTEM HAVING AN UNDULATING RIGID SPEAKER ENCLOSURE [54] HAUT-PARLEUR MULTIVOIE DOTE D'UNE ENCEINTE ACOUSTIQUE RIGIDE A ONDULATIONS [72] WIENER, DAVID, US [71] SOUNDTUBE ENTERTAINMENT, INC., US [85] 1999-07-07 [86] 1998-01-08 (PCT/US98/00230) [87] 1998-07-16 (WO98/31185) [30] US (08/780,524) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,029 [13] A1</p> <p>[51] Int.Cl. 6C11D 1/825 6C11D 17/00 6C11D 3/02 6C11D 3/06 6C11D 3/36 6C11D 3/37 [25] EN [54] A COMBINATION OF A NONIONIC SILICONE SURFACTANT AND A NONIONIC SURFACTANT IN A SOLID BLOCK DETERGENT [54] COMBINAISON D'UN TENSIO-ACTIF SILICONE NON IONIQUE ET D'UN TENSIO-ACTIF NON IONIQUE DANS UN DETERGENT EN BLOC SOLIDE [72] LENTSCH, STEVEN E., US [72] SCHULZ, RHONDA K., US [72] MAIER, HELMUT K., US [72] IHNS, DEBORAH A., US [72] MAN, VICTOR F., US [71] ECOLAB INC., US [85] 1999-07-07 [86] 1998-01-06 (PCT/US98/00452) [87] 1998-07-16 (WO98/30662) [30] US (08/782,336) 1997-01-13</p>
<p style="text-align: right;">[21] 2,277,022 [13] A1</p> <p>[51] Int.Cl. 6A61K 31/55 [25] EN [54] METHOD FOR THE TREATMENT OF ATHEROSCLEROSIS AND VASCULAR INJURY BY PREVENTION OF VASCULAR SMOOTH MUSCLE CELL PROLIFERATION [54] PROCEDE DE TRAITEMENT DE L'ATHEROSCLEROSE ET DES MALADIES VASCULAIRES CONSISTANT A EMPECHER LA PROLIFERATION DE CELLULES VASCULAIRES DE MUSCLE LISSE [72] HORWITZ, LAWRENCE D., US [71] KEYSTONE BIOMEDICAL, INC., US [85] 1999-07-05 [86] 1998-02-06 (PCT/US98/02553) [87] 1998-08-13 (WO98/34619) [30] US (08/796,791) 1997-02-06</p>	<p style="text-align: right;">[21] 2,277,025 [13] A1</p> <p>[51] Int.Cl. 6H04Q 11/04 [25] EN [54] ATM COMMUNICATIONS SYSTEM AND METHOD [54] SYSTEME ET PROCEDE DE COMMUNICATION MTA [72] BRUECKHEIMER, SIMON DANIEL, GB [72] CAVES, KEITH, GB [72] STACEY, DAVID JOHN, GB [71] NORTEL NETWORKS CORPORATION, CA [85] 1999-07-07 [86] 1998-01-21 (PCT/GB98/00179) [87] 1998-07-30 (WO98/33355) [30] GB (9701270.2) 1997-01-22</p>	<p style="text-align: right;">[21] 2,277,030 [13] A1</p> <p>[51] Int.Cl. 6C08L 101/04 6C08K 3/00 6C08K 13/08 [25] EN [54] FIRE-RESISTANT POLYMER FORMULATIONS [54] FORMULATIONS POLYMERES PYRORESISTANTES [72] HERBERT, MANDY JAYNE, GB [72] DANIELS, CLARE, GB [72] RAI, MICHAEL, GB [71] ALCAN INTERNATIONAL LIMITED, CA [85] 1999-07-07 [86] 1998-01-07 (PCT/GB98/00032) [87] 1998-07-16 (WO98/30636) [30] EP (97300075.5) 1997-01-08</p>
<p style="text-align: right;">[21] 2,277,023 [13] A1</p> <p>[51] Int.Cl. 6C06D 5/04 [25] EN [54] GAS GENERANTS COMPRISING TRANSITION METAL NITRITE COMPLEXES [54] COMPOSITIONS GENERATRICES DE GAZ RENFERMANT DES COMPLEXES A BASE DE NITRITE A METAUX DE TRANSITION [72] LUNDSTROM, NORMAN H., US [72] BEGIN, LAURENCE C., US [71] AUTOMOTIVE SYSTEMS LABORATORY, INC., US [85] 1999-07-05 [86] 1998-01-29 (PCT/US98/01750) [87] 1998-08-27 (WO98/36938) [30] US (797,398) 1997-02-10</p>	<p style="text-align: right;">[21] 2,277,026 [13] A1</p> <p>[51] Int.Cl. 6C25B 9/00 [25] EN [54] WALL-COVERING FOR ELECTROLYTIC CELLS [54] REVETEMENT DE PAROI POUR CELLULES ELECTROLYTIQUES [72] DYKRZAK, HORST, DE [72] VENGHAUS, STEFAN, DE [72] CLASEN, PETER, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 1999-07-07 [86] 1998-01-03 (PCT/EP98/00017) [87] 1998-07-16 (WO98/30736) [30] DE (197 00 533.0) 1997-01-10</p>	

PCT Applications Entering the National Phase

[21] **2,277,032**
[13] A1

[51] **Int.Cl. 6B61D 17/04 6B62D 31/02 6B61D 17/08**
[25] EN
[54] **WALL MODULE AND METHOD FOR PRODUCING THE SAME**
[54] **MODULE PAROI ET SON PROCEDE DE FABRICATION**
[72] HOLZAPFEL, WOLFGANG, DE
[72] PROCKAT, JAN, DE
[72] BANHARDT, VOLKER, DE
[72] RISTOW, LUTZ, DE
[71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE
[85] 1999-07-07
[86] 1998-10-23 (PCT/EP98/06730)
[87] 1999-05-20 (WO99/24302)
[30] DE (197 49 519.2) 1997-11-08

[21] **2,277,033**
[13] A1

[51] **Int.Cl. 6A61M 5/00**
[25] EN
[54] **ENDOSCOPIC INFUSION NEEDLE HAVING DUAL DISTAL STOPS**
[54] **AIGUILLE D'INJECTION ENDOSCOPIQUE A DOUBLE BUTEE DISTALE**
[72] GIURTINO, JOEL F., US
[72] SCARFONE, FRANK A., US
[71] SYMBIOSIS CORPORATION, US
[85] 1999-07-07
[86] 1998-01-07 (PCT/US98/00484)
[87] 1998-07-16 (WO98/30259)
[30] US (08/778,243) 1997-01-08

[21] **2,277,035**
[13] A1

[51] **Int.Cl. 6H04Q 11/04 6H04J 3/16 6H04L 12/56**
[25] EN
[54] **TDM/TDMA DISTRIBUTION NETWORK**
[54] **RESEAU DE DISTRIBUTION AMRT OU MRT**
[72] BRUECKHEIMER, SIMON DANIEL, GB
[72] STACEY, DAVID JOHN, GB
[72] HUMPHREY, LESLIE DEREK, GB
[71] NORTEL NETWORKS CORPORATION, CA
[85] 1999-07-07
[86] 1998-01-16 (PCT/GB98/00139)
[87] 1998-07-23 (WO98/32307)
[30] GB (9700930.2) 1997-01-17

[21] **2,277,037**
[13] A1

[51] **Int.Cl. 6B01J 23/56 6C10G 35/095**
[25] FR
[54] **LIT HOMOGENE DE CATALYSEUR ET PROCEDE DE TRANSFORMATION D'HYDROCARBURES EN COMPOSES AROMATIQUE AVEC LEDIT LIT**
[54] **HOMOGENEOUS CATALYTIC BED AND METHOD FOR TRANSFORMING HYDROCARBONS INTO AROMATIC COMPOUNDS WITH SAID BED**
[72] BRUNARD, NATHALIE, FR
[72] CLAUSE, OLIVIER, FR
[72] DEVES, JEAN-MARIE, FR
[72] KOLENDA, FRÉDÉRIC, FR
[72] LE PELTIER, FABIENNE, FR
[71] INSTITUT FRANÇAIS DU PÉTROLE, FR
[85] 1999-06-28
[86] 1998-10-30 (PCT/FR98/02329)
[87] 1999-05-14 (WO99/22864)
[30] FR (97/13.689) 1997-10-31

[21] **2,277,038**
[13] A1

[51] **Int.Cl. 6G01N 27/90**
[25] FR
[54] **SONDE A COURANTS DE FOUCAULT**
[54] **EDDY CURRENT PROBE**
[72] PIGEON, MICHEL, FR
[72] POTIQUET, LYLIANE, FR
[72] SCHEPENS, HERVÉ, FR
[71] COMMISSARIAT A L'ÉNERGIE ATOMIQUE, FR
[85] 1999-07-05
[86] 1998-01-09 (PCT/FR98/00040)
[87] 1998-07-16 (WO98/30896)
[30] FR (97/00203) 1997-01-10

[21] **2,277,039**
[13] A1

[51] **Int.Cl. 6B01J 37/20**
[25] FR
[54] **PROCEDE POUR LA PRESULFURATION DE CATALYSEURS**
[54] **METHOD FOR PRE-SULPHURATION OF CATALYSTS**
[72] ARRETZ, EMMANUEL, FR
[71] ELF AQUITAINE EXPLORATION PRODUCTION FRANCE, FR
[85] 1999-07-05
[86] 1998-01-19 (PCT/FR98/00092)
[87] 1998-07-23 (WO98/31464)
[30] FR (97/00568) 1997-01-21

[21] **2,277,040**
[13] A1

[51] **Int.Cl. 6F23L 15/02**
[25] EN
[54] **SUPPLY AIR HEATING DEVICE AND SUPPLY AIR HEATING METHOD**
[54] **DISPOSITIF CHAUFFANT L'AIR D'ALIMENTATION ET PROCEDE DE CHAUFFAGE**
[72] YOSHIKAWA, KUNIO, JP
[72] YASUDA, TSUTOMU, JP
[71] NIPPON FURNACE KOGYO KAISHA, LTD., JP
[85] 1999-07-06
[86] 1998-01-05 (PCT/JP98/00001)
[87] 1998-07-16 (WO98/30842)
[30] JP (9-95) 1997-01-06
[30] JP (9-117) 1997-01-06

[21] **2,277,041**
[13] A1

[51] **Int.Cl. 6B65D 17/28 6B65D 25/44**
[25] FR
[54] **CONTENEUR DE BOISSON OU AUTRE LIQUIDE AVEC BEC VERSEUR DEPLOYABLE**
[54] **DRINK OR OTHER LIQUID CONTAINER WITH UNFOLDING SPOUT**
[72] SON, PAUL, BE
[71] SON, PAUL, BE
[85] 1999-07-06
[86] 1998-01-08 (PCT/BE98/00003)
[87] 1998-07-16 (WO98/30458)
[30] BE (9700014) 1997-01-08

Demandes PCT entrant en phase nationale

[21] **2,277,042**
[13] A1

[51] **Int.Cl. 6C07C 63/66 6A61K 7/00 6C07D 257/04 6A61K 31/19 6A61K 31/34 6C07F 9/38 6A61K 31/41 6C07C 233/65 6A61K 31/66 6C07C 63/74 6C07D 307/79**
[25] FR
[54] **COMPOSES TETRACYCLIQUES AROMATIQUES DE TYPE RETINOIDE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**
[54] **AROMATIC TETRACYCLIC COMPOUNDS OF THE RETINOID TYPE, METHOD FOR PREPARING AND USE**
[72] POURRIAS, BERNARD, FR
[72] LEBLOND, BERTRAND, FR
[72] DEYINE, ABDALLAH, FR
[72] GERMAIN, PIERRE, FR
[72] SCHOofs, ALAIN-RENÉ, FR
[71] CENTRE EUROPEEN DE BIOPROSPECTIVE-CEB, FR
[85] 1999-07-06
[86] 1997-12-05 (PCT/FR97/02223)
[87] 1998-07-23 (WO98/31654)
[30] FR (97/00421) 1997-01-16

[21] **2,277,043**
[13] A1

[51] **Int.Cl. 6C08L 83/12 6A61K 7/06 6A61K 7/48**
[25] FR
[54] **COMPOSITION EPAISSIE AQUEUSE ET UTILISATION**
[54] **THICKENED AQUEOUS COMPOSITION AND USE**
[72] DUPUIS, CHRISTINE, FR
[72] DUBIEF, CLAUDE, FR
[71] L'OREAL, FR
[85] 1999-07-07
[86] 1997-12-31 (PCT/FR97/02473)
[87] 1998-07-23 (WO98/31751)
[30] FR (97/00294) 1997-01-14

[21] **2,277,044**
[13] A1

[51] **Int.Cl. 6B64C 13/16 6G05D 1/02 6B64C 9/12**
[25] FR
[54] **PROCEDE DE COMMANDE DES GOUVERNES D'UN AVION POUR AGIR CONTRE UNE DEVIATION LATERALE DE TRAJECTOIRE AU SOL**
[54] **METHOD FOR CONTROLLING AN AEROPLANE CONTROL SURFACES TO COUNTER GROUND LATERAL DRIFT**
[72] MATHIEU, GÉRARD, FR
[71] AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE, FR
[85] 1999-07-07
[86] 1998-11-10 (PCT/FR98/02399)
[87] 1999-05-20 (WO99/24317)
[30] FR (97/14160) 1997-11-12

[21] **2,277,045**
[13] A1

[51] **Int.Cl. 6B61F 5/22 6B61F 5/38**
[25] FR
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DES DISPOSITIFS ACTIONNEURS POUR LA SUSPENSION ACTIVE DES VEHICULES, NOTAMMENT FERROVIAIRES**
[54] **DEVICE AND METHOD FOR CONTROLLING ACTUATING DEVICES FOR THE ACTIVE SUSPENSION OF VEHICLES, IN PARTICULAR TRAINS**
[72] KIRAT, RÉGIS, FR
[72] AKNIN, PATRICE, FR
[72] PASCAL, JEAN-PIERRE, FR
[72] MAUPU, JEAN-LOUIS, FR
[71] GEC ALSTHOM TRANSPORT SA, FR
[71] INSTITUT NATIONAL DE RECHERCHE SUR LES TRANSPORTS ET LEUR SÉCURITÉ, FR
[85] 1999-07-08
[86] 1997-12-30 (PCT/FR97/02455)
[87] 1998-07-09 (WO98/29288)
[30] FR (97/00011) 1997-01-02

[21] **2,277,046**
[13] A1

[51] **Int.Cl. 6C07F 7/22 6C08K 5/57**
[25] FR
[54] **MALEATES D'ORGANOETAIN POUR STABILISER DES POLYMERES THERMOPLASTIQUES**
[54] **ORGANOTIN MALEATES FOR STABILISING THERMOPLASTIC POLYMERS**
[72] MOREL, PATRICK, FR
[72] REILLY, JAMES L., FR
[72] SCHIPPER, PEGGY S., US
[72] CUILLERET, MURIEL, FR
[71] ELF ATOCHEM NORTH AMERICA INC., US
[71] ELF ATOCHEM S.A., FR
[85] 1999-07-09
[86] 1997-12-18 (PCT/FR97/02353)
[87] 1998-07-16 (WO98/30568)
[30] FR (97/00146) 1997-01-09

[21] **2,277,047**
[13] A1

[51] **Int.Cl. 6E05C 1/04 6F16C 3/00 6B60R 25/02**
[25] EN
[54] **LOCKING SLIDE LATCH**
[54] **LOQUET A COULISSE**
[72] MCCORMACK, EDWARD A., US
[72] SCHLACK, RICHARD E., US
[72] ALYANAKIAN, ROBERT D., US
[71] SOUTHCO, INC., US
[85] 1999-07-08
[86] 1998-01-07 (PCT/US98/00603)
[87] 1998-07-16 (WO98/30774)
[30] US (08/780,214) 1997-01-08
[30] US (08/933,779) 1997-09-19

PCT Applications Entering the National Phase

[21] **2,277,048**
[13] A1

[51] **Int.Cl. 6C10G 35/095 6C23C 26/00 6B01J 8/00 6B01J 19/02 6B01J 29/62**
[25] EN
[54] **METHOD OF REMOVING REACTIVE METAL FROM A METAL-COATED REACTOR SYSTEM**
[54] **PROCEDE PERMETTANT D'ENLEVER UN METAL REACTIF D'UN SYSTEME DE REACTEUR A REVETEMENT METALLIQUE**
[72] HOLTERMANN, DENNIS L., US
[72] CHEN, HONG CHIU, US
[72] HAGEWIESCHE, DANIEL P., US
[72] WILSON, CHARLES R., US
[72] WOLPERT, RICHARD M., US
[71] CHEVRON CHEMICAL COMPANY LLC, US
[85] 1999-07-08
[86] 1997-11-19 (PCT/US97/21163)
[87] 1998-07-16 (WO98/30656)
[30] US (08/781,434) 1997-01-10

[21] **2,277,049**
[13] A1

[51] **Int.Cl. 6H01M 2/12 6H01M 2/08 6H01M 10/40**
[25] EN
[54] **EXPLOSION-PROOF NONAQUEOUS ELECTROLYTE SECONDARY CELL AND RUPTURE PRESSURE SETTING METHOD THEREFOR**
[54] **ELEMENT D'ACCUMULATEUR ELECTROLYTIQUE NON AQUEUX ET A L'EPREUVE DES EXPLOSIONS ET PROCEDE DE REGLAGE DE LA PRESSION DE RUPTURE DUDIT ELEMENT**
[72] KASHIHARA, YOSHIHIRO, JP
[72] MORI, KATSUHIKO, JP
[72] MASUMOTO, KENJIN, JP
[72] TSURUTA, KUNIO, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 1999-07-09
[86] 1998-11-10 (PCT/JP98/05051)
[87] 1999-05-20 (WO99/25037)
[30] JP (9-308294) 1997-11-11

[21] **2,277,050**
[13] A1

[51] **Int.Cl. 6H04Q 7/34 6H04M 15/28**
[25] EN
[54] **USER ASSISTED FRAUD DETECTION IN A CELLULAR COMMUNICATIONS SYSTEM**
[54] **DETECTION DE FRAUDE ASSISTEE PAR L'UTILISATEUR DANS UN SYSTEME DE TELECOMMUNICATION CELLULAIRE**
[72] NGUYEN, VIET, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-07-07
[86] 1997-12-22 (PCT/SE97/02204)
[87] 1998-07-16 (WO98/31175)
[30] US (08/784,121) 1997-01-14

[21] **2,277,052**
[13] A1

[51] **Int.Cl. 6E21B 37/06 6C10L 1/16**
[25] EN
[54] **METHOD OF CONTROLLING ASPHALTENE PRECIPITATION IN A FLUID**
[54] **PROCEDE PERMETTANT DE REGULER LA PRECIPITATION D'ASPHALTENE DANS UN FLUIDE**
[72] SMITH, ALEC, GB
[72] GOCHIN, RODNEY JOHN, GB
[71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE, GB
[85] 1999-07-09
[86] 1998-01-09 (PCT/GB98/00051)
[87] 1998-07-16 (WO98/30784)
[30] GB (9700320.6) 1997-01-09

[21] **2,277,053**
[13] A1

[51] **Int.Cl. 6A61K 31/70**
[25] EN
[54] **METHOD OF TREATING RHINOVIRAL INFECTIONS**
[54] **TRAITEMENT D'INFECTIONS A RHINOVIRUS**
[72] BUDOWSKY, EDWARD I., US
[72] ACKERMAN, SAMUEL K., US
[71] PENTOSE PHARMACEUTICALS, INC., US
[85] 1999-07-09
[86] 1998-01-15 (PCT/US98/00676)
[87] 1998-07-23 (WO98/31374)
[30] US (08/784,229) 1997-01-16

[21] **2,277,054**
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04L 29/06**
[25] EN
[54] **SECURE ACCESS METHOD, AND ASSOCIATED APPARATUS, FOR ACCESSING A PRIVATE DATA COMMUNICATION NETWORK**
[54] **METHODE D'ACCES SECURISE, ET DISPOSITIF ASSOCIE, PERMETTANT L'ACCES A UN RESEAU INFORMATIQUE PRIVE**
[72] NORDMAN, MIKAEL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-07-07
[86] 1998-01-09 (PCT/SE98/00022)
[87] 1998-07-23 (WO98/32301)
[30] US (08/784,152) 1997-01-17

[21] **2,277,055**
[13] A1

[51] **Int.Cl. 6C08F 10/00 6C08F 4/602**
[25] EN
[54] **METHOD OF CONTROLLING OLEFIN POLYMERIZATION CATALYST COMPOSITION ACTIVITY**
[54] **PROCEDE DE REGULATION DE L'ACTIVITE D'UNE COMPOSITION CATALYSEUR DESTINEE A LA POLYMERISATION DES OLEFINES**
[72] PETERSON, THOMAS HENRY, US
[72] SCHRECK, DAVID JAMES, US
[72] WENZEL, TIMOTHY TODD, US
[72] WILLIAMS, CLARK CURTIS, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[85] 1999-07-09
[86] 1998-01-08 (PCT/US98/00482)
[87] 1998-07-16 (WO98/30608)
[30] US (08/782,499) 1997-01-10

Demandes PCT entrant en phase nationale

[21] **2,277,056**
[13] A1
[51] **Int.Cl. 6D06P 5/00 6G03C 1/00 6G03F 7/00**
[25] EN
[54] **IMAGING TRANSFER SYSTEM AND PROCESS FOR TRANSFERRING IMAGE AND NON-IMAGE AREAS THEREOF TO RECEPTOR ELEMENT**
[54] **SYSTEME DE TRANSFERT D'IMAGERIE ET PROCEDE DE TRANSFERT D'ELEMENTS AVEC IMAGE ET DE ZONES SANS IMAGE DE CES ELEMENTS SUR UN ELEMENT RECEPTEUR**
[72] WILLIAMS, SCOTT A., US
[72] HARE, DONALD S., US
[71] FOTO-WEAR, INC., US
[85] 1999-07-06
[86] 1997-11-14 (PCT/US97/21343)
[87] 1998-05-22 (WO98/21398)
[30] US (60/030,933) 1996-11-15

[21] **2,277,057**
[13] A1
[51] **Int.Cl. 6C08F 10/00 6B01J 31/22 6C08F 4/642 6C08F 4/649**
[25] EN
[54] **CATALYST COMPOSITION FOR THE PRODUCTION OF OLEFIN POLYMERS**
[54] **COMPOSITION CATALYSEUR POUR LA PRODUCTION DE POLYMERES OLEFINIQUES**
[72] YANG, XINMIN, US
[72] KAROL, FREDERICK JOHN, US
[72] REICHLE, WALTER THOMAS, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[85] 1999-07-09
[86] 1998-01-08 (PCT/US98/00480)
[87] 1998-07-16 (WO98/30607)
[30] US (08/782,504) 1997-01-10

[21] **2,277,058**
[13] A1
[51] **Int.Cl. 6C09C 1/36 6C08K 9/02 6C09D 7/12 6D21H 19/38 6D21H 17/67**
[25] EN
[54] **TITANIA PIGMENT, PREPARATION AND USE**
[54] **PIGMENT DE DIOXYDE DE TITANE, SA PREPARATION ET SON UTILISATION**
[72] STEINER, CAROLINE, FR
[72] GUEZ, ANNY, FR
[71] MILLENNIUM INORGANIC CHEMICALS, S.A., FR
[85] 1999-07-09
[86] 1998-01-20 (PCT/FR98/00103)
[87] 1998-07-30 (WO98/32803)
[30] FR (97/00821) 1997-01-27

[21] **2,277,059**
[13] A1
[51] **Int.Cl. 6G01L 7/08 6A61B 5/022**
[25] EN
[54] **MECHANISM FOR MEASURING DEVICE**
[54] **MECANISME POUR APPAREIL DE MESURE**
[72] WRIGHT, EDWARD W., US
[72] LIA, RAYMOND A., US
[72] DANNA, DOMINICK, US
[72] STEARNS, SCOTT S., US
[72] KRAUTER, ALLAN I., US
[72] SMITH, TIMOTHY J., US
[72] VIVENZIO, ROBERT, US
[72] JOHNSON, EDWARD A., US
[71] WELCH ALLYN, INC., US
[85] 1999-07-06
[86] 1998-11-13 (PCT/US98/24283)
[87] 1999-05-27 (WO99/26047)
[30] US (08/972,583) 1997-11-18

[21] **2,277,060**
[13] A1
[51] **Int.Cl. 6B05B 15/08**
[25] EN
[54] **FLEXIBLE SHOWER ARM ASSEMBLY**
[54] **ENSEMBLE BRAS DE DOUCHE FLEXIBLE**
[72] MALE, ROBERT B., US
[72] HOLLINSHEAD, MILTON B., US
[71] TELEDYNE INDUSTRIES, INC., US
[85] 1999-07-07
[86] 1998-01-09 (PCT/US98/00287)
[87] 1998-07-16 (WO98/30336)
[30] US (08/781,863) 1997-01-10

[21] **2,277,061**
[13] A1
[51] **Int.Cl. 6G01L 9/04**
[25] EN
[54] **A MEDIA COMPATIBLE PRESSURE SENSOR DEVICE UTILIZING SELF-ALIGNED COMPONENTS WHICH FIT TOGETHER WITHOUT THE NEED FOR ADHESIVES**
[54] **CAPTEUR DE PRESSION COMPATIBLE AVEC LE MILIEU DANS LEQUEL IL EST UTILISE, COMPRENANT DES COMPOSANTS AUTOALIGNEDS QUI S'ASSEMBLENT LES UNS AVEC LES AUTRES SANS ADHESIFS**
[72] NASIRI, STEVEN SAEED, US
[71] INTEGRATED SENSOR SOLUTIONS, US
[85] 1999-07-09
[86] 1997-12-15 (PCT/US97/23086)
[87] 1998-07-16 (WO98/30879)
[30] US (08/781,418) 1997-01-10

[21] **2,277,062**
[13] A1
[51] **Int.Cl. 6C10M 169/00 6C10M 169/06**
[25] EN
[54] **CORROSION RESISTANT LUBRICANTS, GREASES AND GELS**
[54] **LUBRIFIANTS, GRAISSES ET GELS ANTICORROSION**
[72] HEIMANN, ROBERT L., US
[72] MCGOWAN, NANCY M., US
[72] DALTON, WILLIAM M., US
[71] ELISHA TECHNOLOGIES CO. L.L.C., US
[85] 1999-07-06
[86] 1998-01-30 (PCT/US98/01857)
[87] 1998-08-06 (WO98/33874)
[30] US (60/036,029) 1997-01-31
[30] US (60/045,466) 1997-05-02
[30] US (09/016,461) 1998-01-30

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,277,063 [13] A1</p> <p>[51] Int.Cl. 6C08F 297/08 6C08F 290/04 [25] EN [54] PROPYLENE POLYMERS INCORPORATING POLYETHYLENE MACROMERS [54] POLYPROPYLENE RENFERMANT DES MACROMERES DE POLYETHYLENE [72] DEKONINCK, JEAN-MARC, US [72] DEKMEZIAN, ARMEN H., US [72] WENG, WEIQING, US [72] MARKEL, ERIC J., US [72] GADKARI, AVINASH CHANDRAKANT, US [71] EXXON CHEMICAL PATENTS INC., US [85] 1999-07-07 [86] 1998-02-06 (PCT/US98/02736) [87] 1998-08-13 (WO98/34971) [30] US (60/037,323) 1997-02-07 [30] US (60/046,812) 1997-05-02 [30] US (60/067,782) 1997-12-10</p>	<p style="text-align: right;">[21] 2,277,066 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/38 [25] EN [54] PROCEDURE AND SYSTEM FOR ENSURING EMERGENCY CALLS IN A WIRELESS LOCAL LOOP [54] PROCEDE ET SYSTEME PERMETTANT D'ETABLIR DES COMMUNICATIONS D'URGENCE DANS UN CIRCUIT LOCAL SANS FIL [72] PENTTINEN, SIMO, FI [71] NOKIA TELECOMMUNICATIONS OY, FI [85] 1999-07-06 [86] 1998-01-02 (PCT/FI98/00010) [87] 1998-07-16 (WO98/31180) [30] FI (970118) 1997-01-10</p>	<p style="text-align: right;">[21] 2,277,069 [13] A1</p> <p>[51] Int.Cl. 6B65D 73/02 [25] EN [54] INTEGRATED CIRCUIT TRAY WITH SELF ALIGNING POCKET [54] CLAIÉ POUR CIRCUIT INTEGRE AVEC COMPARTIMENT AUTO-CENTREUR [72] BRAHMBHATT, SAUMIL R., US [71] FLUOROWARE, INC., US [85] 1999-07-06 [86] 1998-01-07 (PCT/US98/00583) [87] 1998-07-16 (WO98/30465) [30] US (08/779,482) 1997-01-07</p>
<p style="text-align: right;">[21] 2,277,064 [13] A1</p> <p>[51] Int.Cl. 6C11D 11/00 6C11D 17/00 [25] EN [54] PROCESS FOR MAKING TABLETTED DETERGENT COMPOSITIONS [54] PROCEDE DE PRODUCTION DE COMPOSITIONS POUR DETERGENT EN PASTILLES [72] MCGREGOR, ALASDAIR DUNCAN, GB [72] MCGOWAN, STEVEN BALDWIN, GB [72] WARWICK, JANE MARGARET, GB [71] THE PROCTER & GAMBLE COMPANY, US [85] 1999-07-09 [86] 1998-01-23 (PCT/US98/01234) [87] 1998-07-30 (WO98/32834) [30] GB (9701573.9) 1997-01-25</p>	<p style="text-align: right;">[21] 2,277,067 [13] A1</p> <p>[51] Int.Cl. 6C25D 9/04 [25] EN [54] AN ELECTROLYTIC PROCESS FOR FORMING A MINERAL CONTAINING COATING [54] PROCEDE ELECTROLYTIQUE POUR FORMER UN REVETEMENT CONTENANT UN MINERAL [72] HEIMANN, ROBERT L., US [72] PRICE, DAVID L., US [72] DALTON, WILLIAM M., US [72] HAHN, JOHN, US [71] ELISHA TECHNOLOGIES CO. L.L.C., US [85] 1999-07-06 [86] 1998-01-30 (PCT/US98/01682) [87] 1998-08-06 (WO98/33960) [30] US (60/036,024) 1997-01-31 [30] US (60/045,446) 1997-05-02 [30] US (09/016,250) 1998-01-30</p>	<p style="text-align: right;">[21] 2,277,070 [13] A1</p> <p>[51] Int.Cl. 6C25C 7/00 [25] EN [54] SILVER REFINING INSTALLATION [54] INSTALLATION D'AFFINAGE D'ARGENT [72] PRIOR, ADALBERT, AT [71] PRIOR ENGINEERING AG, CH [85] 1999-07-06 [86] 1998-11-06 (PCT/AT98/00273) [87] 1999-05-20 (WO99/24646) [30] AT (GM 694/97) 1997-11-06</p>
<p style="text-align: right;">[21] 2,277,068 [13] A1</p> <p>[51] Int.Cl. 6A61F 13/15 [25] EN [54] ELASTICIZED ABSORBENT PAD [54] GARNITURE ABSORBANTE ELASTIQUE [72] RICHARDSON, KATHY GERALYN, US [72] WATERHOUSE, SIRLEI AULER, US [72] DATTA, PAUL JOSEPH, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-07-07 [86] 1998-01-13 (PCT/US98/00625) [87] 1998-07-23 (WO98/31320) [30] US (08/785,737) 1997-01-17 [30] US (08/844,291) 1997-04-18</p>	<p style="text-align: right;">[21] 2,277,071 [13] A1</p> <p>[51] Int.Cl. 6H04J 11/00 6H04L 5/12 6H04B 7/26 [25] EN [54] HIGH-DATA-RATE SUPPLEMENTAL CHANNEL FOR CDMA TELECOMMUNICATIONS SYSTEM [54] CANAL SUPPLEMENTAIRE A DEBIT DE DONNEES ELEVE POUR SYSTEME DE TELECOMMUNICATIONS AMDC [72] TIEDEMANN, EDWARD G., JR., US [72] ANTONIO, FRANKLIN P., US [72] JOU, YU-CHEUN, US [72] ODENWALDER, JOSEPH P., US [71] QUALCOMM INCORPORATED, US [85] 1999-07-06 [86] 1997-12-19 (PCT/US97/23651) [87] 1998-07-23 (WO98/32263) [30] US (784,281) 1997-01-15</p>	

Demandes PCT entrant en phase nationale

[21] **2,277,072**
[13] A1
[51] **Int.Cl. 6B65B 31/08 6B65B 25/00 6B65B 31/04 6B65D 81/24**
[25] EN
[54] **PACKAGING METHOD FOR PERISHABLE FOOD PRODUCTS, AND PACKAGE FOR USE THEREWITH**
[54] **PROCEDE D'EMBALLAGE DE PRODUITS ALIMENTAIRES PERISSABLES, ET EMBALLAGE UTILISE DANS CE PROCEDE**
[72] BUCHKO, RAYMOND G., US
[71] FRESH PAK, INC., US
[85] 1999-07-07
[86] 1998-01-12 (PCT/US98/00397)
[87] 1998-07-16 (WO98/30452)
[30] US (08/782,775) 1997-01-13

[21] **2,277,073**
[13] A1
[51] **Int.Cl. 6H02G 15/013 6H02G 15/00 6H02G 15/10 6H02G 15/113**
[25] EN
[54] **CABLE CLOSURE INJECTION SEALED WITH LOW SURFACE ENERGY ADHESIVE**
[54] **GAINÉ D'EPISSURE RENDUE ETANCHE PAR INJECTION D'UN ADHESIF A FAIBLE TENSION DE SURFACE**
[72] REBERS, KENNETH D., US
[72] CROFT, THOMAS S., US
[72] LEE, DANIEL G., US
[72] OSHINSKI, ALAN J., US
[72] SMITH, RUSSELL P., US
[72] PULIDO, JACQUELINE J., US
[72] CHU, KWANG H., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1999-07-06
[86] 1997-05-15 (PCT/US97/08246)
[87] 1998-07-23 (WO98/32207)
[30] US (08/784485) 1997-01-17

[21] **2,277,075**
[13] A1
[51] **Int.Cl. 6C07C 55/02 6A61K 31/19 6A61K 31/20 6A61K 31/225**
[25] EN
[54] **CARBOXYLIC ACIDS AND DERIVATIVES THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**
[54] **ACIDES CARBOXYLIQUES ET LEURS DERIVES, ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] BAR-TANA, JACOB, IL
[71] YISSUM RESEARCH DEVELOPMENT CO. OF THE HEBREW UNIVERSITY OF JERUSALEM, IL
[85] 1999-07-06
[86] 1997-12-25 (PCT/IL97/00427)
[87] 1998-07-16 (WO98/30530)
[30] IL (119971) 1997-01-07

[21] **2,277,076**
[13] A1
[51] **Int.Cl. 6B60R 13/08**
[25] EN
[54] **MAT WITH INTEGRALLY MOLDED DOOR**
[54] **PANNEAU COMPRENANT UNE PORTE MOULEE DANS LA MASSE**
[72] CAMPBELL, MICHAEL T., US
[71] CASCADE ENGINEERING, INC., US
[85] 1999-07-07
[86] 1998-01-15 (PCT/US98/00763)
[87] 1998-07-23 (WO98/31566)
[30] US (60/035,954) 1997-01-17
[30] US (60/051,640) 1997-07-03

[21] **2,277,077**
[13] A1
[51] **Int.Cl. 6D06N 3/00**
[25] EN
[54] **NUBUCK-TYPE ARTIFICIAL LEATHER AND PROCESS FOR THE PRODUCTION THEREOF**
[54] **SIMILICUIR DU TYPE NUBUCK ET SON PROCEDE DE FABRICATION**
[72] WATANABE, KOJI, JP
[72] IJIMA, HIROMICHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 1999-07-06
[86] 1998-10-08 (PCT/JP98/04554)
[87] 1999-05-20 (WO99/24656)
[30] JP (9-305669) 1997-11-07
[30] JP (10-252295) 1998-09-07

[21] **2,277,078**
[13] A1
[51] **Int.Cl. 6F02C 7/264**
[25] EN
[54] **TORCH ASSEMBLY**
[54] **ENSEMBLE TORCHE**
[72] SWEET, E. JACK, US
[72] PFEFFERLE, WILLIAM C., US
[71] PRECISION COMBUSTION, INC., US
[85] 1999-07-08
[86] 1998-01-05 (PCT/US98/01121)
[87] 1998-07-16 (WO98/30793)
[30] US (08/780,312) 1997-01-08

[21] **2,277,079**
[13] A1
[51] **Int.Cl. 6B62D 33/06**
[25] EN
[54] **IMPROVED STRUCTURE FOR A CABIN OF THE CAB-OVER-ENGINE TYPE, FOR MEDIUM TRUCKS AS WELL AS LARGE TRUCKS**
[54] **STRUCTURE AMELIOREE DE CABINE AVANCEE POUR CAMIONS MOYENS ET TRACTEURS ROUTIERS**
[72] ESPINOSA RUIZ, ALEJANDRO, MX
[72] GONZALEZ GUADARRAMA, CARLOS, MX
[72] MIRANDA GUERRERO, ROBERTO, MX
[72] MONDRAGON SARMIENTO, FRANCISCO, MX
[71] CONSORCIO G. GRUPO DINA, S.A. DE C.V., MX
[85] 1999-07-06
[86] 1998-11-09 (PCT/MX98/00050)
[87] 1999-05-20 (WO99/24310)
[30] MX (978574) 1997-11-07

[21] **2,277,080**
[13] A1
[51] **Int.Cl. 6E06B 9/38**
[25] EN
[54] **IMPROVED WINDOW COVERING CORD SAFETY ASSEMBLY**
[54] **SYSTEME AMELIORE DE TIRETTES DE SECURITE POUR COUVRE-FENETRE**
[72] COTTEN, FRED, US
[71] EZ RELEASE, INC., US
[85] 1999-07-06
[86] 1997-12-31 (PCT/US97/23957)
[87] 1998-07-16 (WO98/30780)
[30] US (781,989) 1997-01-06

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,277,081 [13] A1</p> <p>[51] Int.Cl. 6C08K 5/05 [25] EN [54] FLAME RESISTANT NYLON ELASTOMERS [54] ELASTOMERES DE NYLON IGNIFUGES [72] O'NEIL, CHARLES J., US [72] ACQUARULO, LAWRENCE A., US [71] ACQUARULO, LAWRENCE A., US [85] 1999-07-08 [86] 1998-01-05 (PCT/US98/01122) [87] 1998-07-09 (WO98/29492) [30] US (08/778,550) 1997-01-03</p>	<p style="text-align: right;">[21] 2,277,084 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/12 6C07K 14/075 6C12N 15/09 6A61K 38/17 6C07K 14/47 6C12Q 1/68 [25] EN [54] HUMAN CHLORIDE CHANNEL PROTEIN (HCCP) [54] PROTEINE HUMAINE DE CANAL DE CHLORURE [72] BANDMAN, OLGA, US [72] GOLI, SURYA K., US [71] INCYTE PHARMACEUTICALS, INC., US [85] 1999-07-08 [86] 1997-12-17 (PCT/US97/23655) [87] 1998-07-16 (WO98/30691) [30] US (08/781,560) 1997-01-09</p>	<p style="text-align: right;">[21] 2,277,087 [13] A1</p> <p>[51] Int.Cl. 6B01D 37/00 [25] EN [54] GRAVITY SCREEN WITH BURDEN REMOVAL AND PORE-CLEANING MEANS [54] FILTRE GRAVITATIONNEL A MOYENS D'ELIMINATION DE LA CHARGE ET DE NETTOYAGE DES PORES [72] RECTOR, JOHN J., US [72] LISY, THOMAS, US [71] CLAUDE LAVAL CORPORATION, US [85] 1999-07-06 [86] 1997-12-31 (PCT/US97/24069) [87] 1998-07-16 (WO98/30311) [30] US (08/778,055) 1997-01-07</p>
<p style="text-align: right;">[21] 2,277,082 [13] A1</p> <p>[51] Int.Cl. 6D21F 1/08 [25] EN [54] METHOD FOR CONTROLLING CONSISTENCY OF PAPERMAKING PULP [54] PROCEDE SERVANT A REGLER LA CONSISTANCE D'UNE PATE A PAPIER [72] LOIPPO, KIMMO, FI [71] ECOPUMP OY, FI [85] 1999-07-06 [86] 1998-01-07 (PCT/FI98/00015) [87] 1998-07-16 (WO98/30751) [30] FI (970065) 1997-01-07</p>	<p style="text-align: right;">[21] 2,277,085 [13] A1</p> <p>[51] Int.Cl. 6C07C 2/86 6C07C 51/14 6C07C 41/30 6C07C 67/38 6C07C 51/487 [25] EN [54] PREPARATION OF CARBOXYLIC COMPOUNDS AND THEIR DERIVATIVES [54] PREPARATION DE COMPOSES CARBOXYLES ET DE LEURS DERIVES [72] ROY, RANJIT K., US [72] CHOCKALINGHAM, KANNAPPAN C., US [72] ALLEN, ROBERT H., US [72] FOCHT, GARY D., US [72] LIN, RONNY W., US [72] HERNDON, R. CARL JR., US [71] ALBEMARLE CORPORATION, US [85] 1999-07-06 [86] 1998-01-08 (PCT/US98/00298) [87] 1998-07-16 (WO98/30529) [30] US (780,308) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,088 [13] A1</p> <p>[51] Int.Cl. 6H01J 61/30 6H01J 61/86 [25] EN [54] HIGH PRESSURE ARC LAMP WITH INTERNAL REFLECTOR AND APPLICATIONS THEREFOR [54] LAMPE A ARC HAUTE PRESSION EQUIPEE D'UN REFLECTEUR INTERNE ET APPLICATIONS EN DECOULANT [72] CIPOLLA, JOHN C., US [71] BRITESMILE, INC., US [85] 1999-07-08 [86] 1998-01-09 (PCT/US98/00167) [87] 1998-07-16 (WO98/31043) [30] US (08/782,885) 1997-01-10</p>
<p style="text-align: right;">[21] 2,277,083 [13] A1</p> <p>[51] Int.Cl. 6C07C 2/86 6C07C 51/14 6C07C 41/30 6C07C 67/38 [25] EN [54] PREPARATION OF OLEFINIC COMPOUNDS AND CARBOXYLIC DERIVATIVES THEREOF [54] PREPARATION DE COMPOSES D'OLEFINES ET DERIVES CARBOXYLIQUES DE CES COMPOSES [72] WU, TSE-CHONG, US [72] KLOBUCAR, W. DIRK, US [72] FOCHT, GARY D., US [72] CHOCKALINGHAM, KANNAPPAN C., US [71] ALBEMARLE CORPORATION, US [85] 1999-07-06 [86] 1998-01-08 (PCT/US98/00733) [87] 1998-07-16 (WO98/30522) [30] US (780,310) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,086 [13] A1</p> <p>[51] Int.Cl. 6C10L 5/06 [25] EN [54] PROCESS FOR MANUFACTURING A COMPOSITE FIRE LOG [54] PROCEDE DE FABRICATION D'UNE BUCHE COMBUSTIBLE COMPOSITE [72] BEYER, CURTIS D., US [71] BEYER, CURTIS D., US [85] 1999-07-06 [86] 1998-01-14 (PCT/US98/01028) [87] 1998-07-16 (WO98/30659) [30] US (08/783,606) 1997-01-14</p>	<p style="text-align: right;">[21] 2,277,090 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/22 [25] EN [54] INTELLIGENT TERMINAL APPLICATION PROTOCOL [54] PROTOCOLE D'APPLICATION DE TERMINAL INTELLIGENT [72] ISBERG, ANDERS, SE [72] NILSSON, CLAES, SE [72] TORNQVIST, KRISTER, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-07-06 [86] 1997-12-30 (PCT/SE97/02217) [87] 1998-07-16 (WO98/31172) [30] US (08/782,006) 1997-01-06 [30] US (60/036,170) 1997-01-29 [30] US (08/825,177) 1997-03-27</p>

Demandes PCT entrant en phase nationale

[21] **2,277,091**
[13] A1

[51] **Int.Cl. 6A61B 17/04**
[25] EN
[54] **SUTURED STAPLE SURGICAL FASTENERS, INSTRUMENTS AND METHODS FOR MINIMALLY INVASIVE VASCULAR AND ENDOSCOPIC SURGERY**
[54] **ATTACHES CHIRURGICALES SOUS FORME D'AGRAFES DE SUTURE, INSTRUMENTS ET PROCEDES ASSOCIES POUR CHIRURGIE ENDOSCOPIQUE OU VASCULAIRE A EFFRACTION MINIMALE**

[72] GARDINER, BARRY N., US
[72] MCDONALD, PAUL T., US
[72] PHIPPS, RICHARD D., US
[71] COALESCENT SURGICAL, INC., US
[85] 1999-07-08
[86] 1998-01-07 (PCT/US98/00462)
[87] 1998-07-16 (WO98/30152)
[30] US (08/781,579) 1997-01-09

[21] **2,277,092**
[13] A1

[51] **Int.Cl. 6B05D 1/02 6B05B 13/00 6B05C 5/00 6B05D 5/00 6B05D 3/02**
[25] EN
[54] **METHOD AND APPARATUS FOR APPLYING A COATING TO THE HEAD-SHANK JUNCTION OF EXTERNALLY THREADED ARTICLES**
[54] **PROCEDE ET APPAREIL PERMETTANT D'APPLIQUER UN REVETEMENT SUR LA JONCTION TETE-TIGE D'ARTICLES A FILETAGE EXTERNE**

[72] DUFFY, RICHARD, US
[72] SESSA, EUGENE, US
[71] NYLOK FASTENER CORPORATION, US
[85] 1999-07-06
[86] 1998-01-06 (PCT/US98/00125)
[87] 1998-07-16 (WO98/30339)
[30] US (08/779,684) 1997-01-07

[21] **2,277,093**
[13] A1

[51] **Int.Cl. 6A61F 2/50 6G05B 19/4099 6G05B 19/42**
[25] EN
[54] **METHOD FOR PRODUCING CUSTOM FITTED MEDICAL DEVICES**
[54] **PROCEDE DE PRODUCTION DE DISPOSITIFS MEDICAUX PERSONNALISES**

[72] CLYNCH, GEORGE S., CA
[71] CLYNCH TECHNOLOGIES, INC., CA
[85] 1999-07-06
[86] 1997-01-08 (PCT/CA97/00009)
[87] 1998-07-16 (WO98/30176)

[21] **2,277,094**
[13] A1

[51] **Int.Cl. 6G01N 33/68 6G01N 33/60**
[25] EN
[54] **P-SELECTIN ASSAYS AND METHODS OF USE THEREOF**
[54] **DOSAGES DE P-SELECTINE ET PROCEDES D'UTILISATION CORRESPONDANTS**

[72] GUMBS, CINDY I., US
[72] DALESANDRO, MARGARET R., US
[72] FREDERICK, BART, US
[71] CENTOCOR, INC., US
[85] 1999-05-11
[86] 1997-09-13 (PCT/US97/20571)
[87] 1998-05-22 (WO98/21591)
[30] US (08/748,387) 1996-11-13

[21] **2,277,095**
[13] A1

[51] **Int.Cl. 6G01N 21/47**
[25] EN
[54] **SPATIALLY RESOLVED OPTICAL MEASUREMENTS**
[54] **MESURES OPTIQUES OBTENUES PAR PROCEDE A RESOLUTION SPATIALE**

[72] HED, A. ZE'EV, US
[72] MODELL, MARK, US
[71] MEDISPECTRA, INC., US
[85] 1999-07-06
[86] 1998-01-09 (PCT/US98/00481)
[87] 1998-07-16 (WO98/30889)
[30] US (08/782,936) 1997-01-13

[21] **2,277,096**
[13] A1

[51] **Int.Cl. 6B05B 7/24**
[25] EN
[54] **APPARATUS FOR SPRAYING LIQUIDS, AND DISPOSABLE CONTAINERS AND LINERS SUITABLE FOR USE THEREWITH**
[54] **APPAREIL DE PULVERISATION DE LIQUIDES ET RECIPIENTS ET GARNITURES JETABLES**

UTILISABLES AVEC CELUI-CI
[72] BUTLER, ALAN F., US
[72] HARTFEL, MARGARET A., US
[72] JOSEPH, STEPHEN C. P., US
[72] SALHUS, JERRY E., US
[72] DOUGLAS, MALCOLM F., US
[72] BASTOW, DAVID R., US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1999-07-06
[86] 1998-01-14 (PCT/US98/00796)
[87] 1998-07-30 (WO98/32539)
[30] GB (9701447.6) 1997-01-24
[30] GB (9712784.9) 1997-06-18

[21] **2,277,097**
[13] A1

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **BUFFERED REPEATER WITH EARLY FILLING OF TRANSMIT BUFFER**

[54] **REPETEUR A TAMPON AVEC REMPLISSAGE ANTICIPE DU TAMPON EMETTEUR**
[72] PERLMAN, SHUKI, IL
[72] MENACHEM, AVRAHAM, IL
[72] BEN-MICHAEL, SIMONI, IL
[71] CABLETRON SYSTEMS, INC., US
[85] 1999-07-06
[86] 1998-01-05 (PCT/US98/00128)
[87] 1998-07-30 (WO98/33283)
[30] US (08/779,877) 1997-01-06

PCT Applications Entering the National Phase

[21] **2,277,098**
[13] A1

[51] **Int.Cl. 6C08L 33/14 6C08L 33/26 6C02F 1/56**
[25] EN
[54] **AQUEOUS DISPERSION OF CATIONIC POLYMER AND ITS PRODUCTION AND USE**
[54] **DISPERSION AQUEUSE D'UN POLYMERE CATIONIQUE, PRODUCTION ET UTILISATION DE CETTE DERNIERE**
[72] GHAFOR, MARK SIRFARAZ, GB
[72] SKINNER, MALCOLM, GB
[72] JOHNSON, IAN MICHAEL, GB
[71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB
[85] 1999-07-06
[86] 1998-01-19 (PCT/GB98/00161)
[87] 1998-07-23 (WO98/31748)
[30] GB (9701090.4) 1997-01-20
[30] GB (9726677.9) 1997-12-17

[21] **2,277,099**
[13] A1

[51] **Int.Cl. 6C08F 2/32**
[25] EN
[54] **POLYMERISATION PROCESSES AND PRODUCTS**
[54] **PROCEDES DE POLYMERISATION ET LEURS PRODUITS**
[72] BURROWS, ROBERT DAVID, GB
[72] VEAL, JONATHAN HEATH, GB
[72] NAYLOR, GARETH IAN, GB
[72] WHITLEY, MARTIN WILLIAM, GB
[72] HOULTON, DAVID ANDREW, BE
[71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB
[85] 1999-07-06
[86] 1998-01-12 (PCT/GB98/00084)
[87] 1998-07-16 (WO98/30598)
[30] GB (9700528.4) 1997-01-13

[21] **2,277,100**
[13] A1

[51] **Int.Cl. 6C07D 493/08 6A61K 31/34**
[25] EN
[54] **CYCLIC SULFONE DERIVATIVES**
[54] **DERIVES DE SULFONE CYCLIQUE**
[72] BURGESS, LAURENCE EDWARD, US
[72] RIZZI, JAMES PATRICK, US
[71] PFIZER INC., US
[85] 1999-07-06
[86] 1997-12-18 (PCT/IB97/01582)
[87] 1998-07-16 (WO98/30566)
[30] US (60/034,535) 1997-01-06

[21] **2,277,101**
[13] A1

[51] **Int.Cl. 6H04L 12/28**
[25] EN
[54] **ADAPTIVE ADDRESS FILTERING**
[54] **FILTRAGE D'ADRESSES ADAPTATIF**
[72] MENACHEM, AVRAHAM, IL
[72] PERLMAN, SHUKI, IL
[71] CABLETRON SYSTEMS, INC., US
[85] 1999-07-06
[86] 1998-01-05 (PCT/US98/00079)
[87] 1998-07-16 (WO98/31126)
[30] US (08/779,884) 1997-01-06

[21] **2,277,103**
[13] A1

[51] **Int.Cl. 6E01H 5/06**
[25] EN
[54] **BLADE HOLDER FOR A SNOW-CLEARING DEVICE**
[54] **PORTE-LAME DESTINE A UN DISPOSITIF DE DENEIGEMENT**
[72] KÄLLQVIST, GOSTA, SE
[71] AB MÄHLER & SONER, SE
[85] 1999-07-06
[86] 1998-01-09 (PCT/SE98/00024)
[87] 1998-07-16 (WO98/30756)
[30] SE (9700046-7) 1997-01-09

[21] **2,277,104**
[13] A1

[51] **Int.Cl. 6G02B 7/182 6G02B 5/08**
[25] EN
[54] **COMPOSITE MIRROR**
[54] **MIROIR COMPOSITE**
[72] NUNN, JONATHON PHILIP, GB
[71] THE SECRETARY OF STATE FOR DEFENCE, GB
[85] 1999-07-06
[86] 1998-01-09 (PCT/GB98/00069)
[87] 1998-07-30 (WO98/33083)
[30] GB (9701519.2) 1997-01-24

[21] **2,277,105**
[13] A1

[51] **Int.Cl. 6C07D 209/18 6C07C 259/06 6C07D 235/16 6A61K 31/165 6C07D 333/24 6C07D 277/30 6C07D 263/32 6C07D 207/337 6A61K 31/38 6A61K 31/40 6A61K 31/42 6A61K 31/44 6C07D 213/56**
[25] EN
[54] **C-TERMINAL KETONE HYDROXAMIC ACID INHIBITORS OF MATRIX METALLOPROTEINASES AND TNFA SECRETION**
[54] **INHIBITEURS A BASE D'ACIDE HYDROXAMIQUE ET DE CETONE A TERMINAISON C PERMETTANT DE LUTTER CONTRE LES METALLOPROTEINASES MATRICIELLES ET LA SECRETION DE FNFA**
[72] HOLMS, JAMES H., US
[72] MICHAELIDES, MICHAEL R., US
[72] CURTIN, MICHAEL L., US
[72] FLORJANCIC, ALAN SCOTT, US
[72] SHEPPARD, GEORGE S., US
[72] GIESLER, JAMIE R., US
[72] XU, LIANHONG, US
[72] DAVIDSEN, STEVEN K., US
[72] WADA, CAROL K., US
[72] GUO, YAN, US
[71] ABBOTT LABORATORIES, US
[85] 1999-07-06
[86] 1998-01-07 (PCT/US98/00142)
[87] 1998-07-16 (WO98/30541)
[30] US (08/779,778) 1997-01-07

[21] **2,277,106**
[13] A1

[51] **Int.Cl. 6C08G 81/02 6C08F 255/02**
[25] EN
[54] **HETEROMORPHIC POLYMER COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES HETEROMORPHES**
[72] JOHNSTON, ROBERT T., US
[72] MORRISON, EVELYN J., US
[72] MANGOLD, DEBRA J., US
[72] HO, THOI H., US
[71] THE DOW CHEMICAL COMPANY, US
[85] 1999-07-06
[86] 1998-01-06 (PCT/US98/00110)
[87] 1998-07-30 (WO98/32784)
[30] US (60/036,560) 1997-01-29

Demandes PCT entrant en phase nationale

[21] **2,277,107**
[13] A1

[51] **Int.Cl. 6B65D 85/57**
[25] EN
[54] **DISPLAY SYSTEMS WITH MULTIPLE VIEW OPTICS**
[54] **SYSTEMES DE PRESENTATION AVEC OPTIQUE A VUES MULTIPLES**
[72] GELARDI, ANTHONY L., US
[72] GELARDI, JOHN A., US
[72] FANTONE, STEPHEN D., US
[71] INSIGHT, INC., US
[85] 1999-07-05
[86] 1998-01-05 (PCT/US98/01018)
[87] 1998-07-16 (WO98/30473)
[30] US (08/778,975) 1997-01-06
[30] US (PCT/US98/01018) 1998-01-05

[21] **2,277,109**
[13] A1

[51] **Int.Cl. 6E21B 43/01 6B65D 90/06 6B63B 25/14**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING AND SHIPPING HYDROCARBONS OFFSHORE**
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE ET TRANSPORTER DES HYDROCARBURES EN MER**
[72] KORSGAARD, JENS, US
[71] KORSGAARD, JENS, US
[85] 1999-07-06
[86] 1998-01-06 (PCT/US98/00127)
[87] 1998-07-23 (WO98/31919)
[30] US (08/784,871) 1997-01-16
[30] US (08/814,147) 1997-03-10
[30] US (08/988,497) 1997-12-10

[21] **2,277,110**
[13] A1

[51] **Int.Cl. 6A61K 9/10 6A61L 27/00 6A61K 47/36 6A61K 47/42**
[25] EN
[54] **COLLAGEN-POLYSACCHARIDE MATRIX FOR BONE AND CARTILAGE REPAIR**
[54] **MATRICE COLLAGENE-POLYSACCHARIDE POUR LA REPARATION DES OS ET DES CARTILAGES**
[72] SPIRO, ROBERT C., US
[72] LIU, LINSHU, US
[71] ORQUEST, INC., US
[85] 1999-07-06
[86] 1998-01-15 (PCT/US98/00838)
[87] 1998-07-23 (WO98/31345)
[30] US (08/783,650) 1997-01-15

[21] **2,277,111**
[13] A1

[51] **Int.Cl. 6C08F 297/08 6C08F 290/04 6C08L 51/06**
[25] EN
[54] **THERMOPLASTIC ELASTOMER COMPOSITIONS FROM BRANCHED OLEFIN COPOLYMERS**
[54] **COMPOSITIONS ELASTOMERES THERMOPLASTIQUES OBTENUES A PARTIR DE COPOLYMERES D'OLEFINE RAMIFIES**
[72] DEKMEZIAN, ARMEN H., US
[72] MARKEL, ERIC J., US
[72] PEACOCK, ANDREW J., US
[72] WENG, WEIQING, US
[71] EXXON CHEMICAL PATENTS INC., US
[85] 1999-07-06
[86] 1998-02-06 (PCT/US98/02735)
[87] 1998-08-13 (WO98/34970)
[30] US (60/037,323) 1997-02-07
[30] US (60/046,812) 1997-05-02
[30] US (60/067,782) 1997-12-10

[21] **2,277,112**
[13] A1

[51] **Int.Cl. 6A61K 38/16**
[25] EN
[54] **USE OF EXENDINS AND AGONISTS THEREOF FOR THE REDUCTION OF FOOD INTAKE**
[54] **UTILISATION D'EXENDINES ET DE LEURS AGONISTES POUR REDUIRE LA CONSOMMATION ALIMENTAIRE**
[72] PRICKETT, KATHRYN S., US
[72] BEELEY, NIGEL ROBERT ARNOLD, US
[72] BHAVSAR, SUNIL, US
[71] AMYLIN PHARMACEUTICALS, INC., US
[85] 1999-07-06
[86] 1998-01-07 (PCT/US98/00449)
[87] 1998-07-16 (WO98/30231)
[30] US (60/034,905) 1997-01-07
[30] US (60/055,404) 1997-08-08
[30] US (60/066,029) 1997-11-14
[30] US (60/065,442) 1997-11-14

[21] **2,277,113**
[13] A1

[51] **Int.Cl. 6H05B 6/80 6A47G 23/04 6B65D 81/34**
[25] EN
[54] **MICROWAVEABLE HEAT RETENTIVE RECEPTACLE**
[54] **RECEPTACLE CONSERVANT LA CHALEUR ET POUVANT ETRE SOUMIS A DES MICRO-ONDES**
[72] SMITH, DAVID L., US
[72] BESSER, JOHN E., US
[71] ALADDIN INDUSTRIES INCORPORATED, US
[85] 1999-07-06
[86] 1998-01-08 (PCT/US98/00017)
[87] 1998-07-16 (WO98/31200)
[30] US (08/781,630) 1997-01-10

[21] **2,277,115**
[13] A1

[51] **Int.Cl. 6E04B 1/94 6E04B 1/78**
[25] EN
[54] **FIRE BARRIER**
[54] **ELEMENT COUPE-FEU**
[72] HELLER, PAUL, US
[72] BARNES, VAUGHN, US
[71] THERMAL STRUCTURES, INC., US
[85] 1999-07-06
[86] 1997-01-07 (PCT/US97/00890)
[87] 1998-07-16 (WO98/30764)

[21] **2,277,116**
[13] A1

[51] **Int.Cl. 6C07H 17/00 6C07H 17/08 6A61K 31/71**
[25] EN
[54] **TRICYCLIC ERYTHROMYCIN DERIVATIVES**
[54] **DERIVES TRICYCLIQUES D'ERYTHROMYCINE**
[72] SPINA, KENNETH P., US
[72] TUFANO, MICHAEL, US
[72] OR, YAT SUN, US
[72] PHAN, LY TAM, US
[72] HALLAS, ROBERT, US
[72] ELLIOTT, RICHARD L., US
[72] CHU, DANIEL T., US
[71] ABBOTT LABORATORIES, US
[85] 1999-07-06
[86] 1997-04-07 (PCT/US97/05871)
[87] 1998-07-16 (WO98/30574)
[30] US (08/779,786) 1997-01-07

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,277,117 [13] A1</p> <p>[51] Int.Cl. 6H04Q 11/00 6H04J 14/02 [25] EN [54] HYBRID WAVELENGTH-INTERCHANGING CROSS-CONNECT ELEMENT D'INTERCONNEXION HYBRIDE ASSURANT LA PERMUTATION DE LONGUEURS D'ONDE [72] CHANG, GEE-KUNG, US [72] BALA, KRISHNA, US [72] CORDELL, ROBERT ROGER, US [71] TELLUM, INC., US [85] 1999-07-06 [86] 1998-01-06 (PCT/US98/00519) [87] 1998-07-16 (WO98/31184) [30] US (60/035,784) 1997-01-07</p>	<p style="text-align: right;">[21] 2,277,120 [13] A1</p> <p>[51] Int.Cl. 6G01V 1/143 [25] EN [54] GEOPHYSICAL EXPLORATION SYSTEM USING SEISMIC VIBRATOR SOURCE WHICH PROVIDES A COMPOSITE SWEEP [54] SYSTEME DE PROSPECTION GEOPHYSIQUE UTILISANT UN VIBRATEUR DE PROSPECTION SISMIQUE ASSURANT UN BALAYAGE COMPOSITE [72] HOLLINGER, DAVID P., US [72] BOUYOUCOS, JOHN V., US [71] HYDROACOUSTICS, INC., US [85] 1999-07-06 [86] 1997-10-27 (PCT/US97/19248) [87] 1998-11-26 (WO98/53344) [30] US (60/034,565) 1997-01-07</p>	<p style="text-align: right;">[21] 2,277,122 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/38 [25] EN [54] ELECTROSURGICAL INSTRUMENT [54] INSTRUMENT ELECTROCHIRURGICAL [72] HENDERSON, MICHAEL, US [72] JONES, RICHARD F., US [72] SORENSEN, NELS, US [71] MEDICOR CORPORATION, US [85] 1999-07-08 [86] 1998-01-13 (PCT/US98/00555) [87] 1998-07-16 (WO98/30159) [30] US (783,817) 1997-01-13</p>
<p style="text-align: right;">[21] 2,277,118 [13] A1</p> <p>[51] Int.Cl. 6B29C 67/00 6A44B 18/00 [25] EN [54] METHOD AND APPARATUS FOR CAPPING STEM FASTENERS [54] PROCEDE ET APPAREIL POUR LE FORMAGE DES EXTREMITES DE DISPOSITIFS DE FIXATION A TIGES [72] LALIBERTE, THOMAS R., US [72] MILLER, PHILIP, US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-07-06 [86] 1997-11-21 (PCT/US97/21731) [87] 1998-07-16 (WO98/30381) [30] US (08/781,783) 1997-01-09</p>	<p style="text-align: right;">[21] 2,277,121 [13] A1</p> <p>[51] Int.Cl. 6C07D 267/00 6C07D 245/02 6C07D 255/02 6C07D 413/04 6A61K 38/05 6C07D 225/06 6C07D 245/06 6C07D 413/06 6C07D 417/06 6C07K 5/078 6C07D 487/08 6A61K 31/55 [25] EN [54] MACROCYCLIC INHIBITORS OF MATRIX METALLOPROTEINASES AND TNF.ALPHA. SECRETION [54] INHIBITEURS MACROCYCLIQUES DE METALLOPROTEINASES MATRICIELLES ET DE SECRETION DE FNT.ALPHA. [72] HOLMS, JAMES H., US [72] SHEPPARD, GEORGE S., US [72] FLORJANCIC, ALAN SCOTT, US [72] MICHAELIDES, MICHAEL R., US [72] SUMMERS, JAMES B., US [72] STEINMAN, DOUGLAS H., US [72] DAVIDSEN, STEVEN K., US [72] GUO, YAN, US [72] XU, LIANHONG, US [71] ABBOTT LABORATORIES, US [85] 1999-07-06 [86] 1998-01-07 (PCT/US98/00144) [87] 1998-07-16 (WO98/30551) [30] US (08/782,016) 1997-01-07</p>	<p style="text-align: right;">[21] 2,277,123 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/22 [25] EN [54] SYSTEM AND METHOD FOR MEDICAL LANGUAGE EXTRACTION AND ENCODING [54] SYSTEME D'EXTRACTION ET DE CODAGE DE LANGAGE MEDICAL ET PROCEDE CORRESPONDANT [72] FRIEDMAN, CAROL, US [71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US [85] 1999-04-28 [86] 1997-10-28 (PCT/US97/19362) [87] 1998-05-07 (WO98/19253) [30] US (08/738,889) 1996-10-28</p>
<p style="text-align: right;">[21] 2,277,119 [13] A1</p> <p>[51] Int.Cl. 6G06F 19/00 [25] EN [54] SEISMIC DATA ACQUISITION AND PROCESSING USING NON-LINEAR DISTORTION IN A GROUNDFORCE SIGNAL [54] ACQUISITION ET TRAITEMENT DE DONNEES SISMIQUES PAR UTILISATION D'UNE DISTORSION NON LINEAIRE DANS UN SIGNAL DE FORCE DE SOL [72] PAFFENHOLZ, JOSEF, US [72] BARR, FREDERICK, J., US [71] WESTERN ATLAS INTERNATIONAL, INC., US [85] 1999-07-06 [86] 1998-11-11 (PCT/US98/24030) [87] 1999-05-27 (WO99/26179) [30] US (08/970,631) 1997-11-14</p>	<p style="text-align: right;">[21] 2,277,124 [13] A1</p> <p>[51] Int.Cl. 6F16G 5/20 6F16H 7/02 [25] EN [54] DUAL-SIDED POLY-V DRIVE BELT AND PULLEY THEREFOR [54] COURROIE DE TRANSMISSION MULTICRANTEE DOUBLE FACE ET SA POULIE [72] JANNE, MICHEL LEROY, US [72] ANDERSON, STEVEN MARK, US [71] THE GOODYEAR TIRE & RUBBER COMPANY, US [85] 1999-07-06 [86] 1997-09-15 (PCT/US97/16595) [87] 1998-07-16 (WO98/30814) [30] US (08/782,389) 1997-01-13</p>	

Demandes PCT entrant en phase nationale

[21] **2,277,125**
[13] A1

[51] **Int.Cl. 6C11D 17/00 6C11D 3/10 6C11D 7/12 6C11D 3/36**
[25] EN
[54] **STABLE SOLID BLOCK DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE STABLE ET EN BLOC SOLIDE**
[72] WEI, G. JASON, US
[72] LENTSCH, STEVEN E., US
[72] OLSON, KEITH E., US
[71] ECOLAB INC., US
[85] 1999-07-07
[86] 1998-01-06 (PCT/US98/00112)
[87] 1998-07-16 (WO98/30674)
[30] US (08/781,493) 1997-01-13

[21] **2,277,126**
[13] A1

[51] **Int.Cl. 6A61M 27/00 6A61M 1/00**
[25] EN
[54] **SYSTEM FOR ASPIRATING AND IRRIGATING TRACT WOUNDS**
[54] **SYSTEME D'ASPIRATION ET D'IRRIGATION DE LESIONS AFFECTANT LES VOIES**
[72] LAWRENCE, MATTHEW, US
[72] REGO, RICHARD, US
[72] DOORLEY, EDWARD F., III, US
[71] C.R. BARD, INC., US
[85] 1999-07-06
[86] 1998-01-05 (PCT/US98/00059)
[87] 1998-07-16 (WO98/30270)
[30] US (08/779,420) 1997-01-07

[21] **2,277,127**
[13] A1

[51] **Int.Cl. 6C07F 17/00 6C08F 10/00 6C07F 9/6568 6C07D 209/70 6C07D 333/78 6C07D 307/93**
[25] EN
[54] **METALLOCENES AND CATALYSTS FOR OLEFIN-POLYMERISATION**
[54] **METALLOCENES ET CATALYSEURS POUR LA POLYMERISATION D'OLEFINES**
[72] BAGROV, VLADIMIR V., RU
[72] NIFANT'EV, ILYA E., RU
[71] MONTELL TECHNOLOGY COMPANY B.V., NL
[85] 1999-07-07
[86] 1998-11-04 (PCT/EP98/07034)
[87] 1999-05-20 (WO99/24446)
[30] EP (97119778.5) 1997-11-12

[21] **2,277,128**
[13] A1

[51] **Int.Cl. 6C08F 2/44 6C08F 20/56**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ACRYLAMIDE POLYMER DISPERSION**
[54] **PROCEDE DE PRODUCTION DE DISPERSION DE POLYMERES D'ACRYLAMIDE**
[72] KONDO, KIMIHIKO, JP
[72] NAKAMURA, MORIO, JP
[72] OKADA, TAKAO, JP
[72] FUJIMOTO, NOBUTAKA, JP
[72] HAMAMOTO, SHIGEKI, JP
[72] FUJIKAKE, MASATO, JP
[71] TAKI CHEMICAL CO., LTD., JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 1999-07-07
[86] 1998-01-09 (PCT/JP98/00039)
[87] 1998-07-16 (WO98/30600)
[30] JP (9-014670) 1997-01-10

[21] **2,277,129**
[13] A1

[51] **Int.Cl. 6C08J 3/20 6C08K 5/00 6C08L 67/02 6C08K 3/22 6B29B 7/38**
[25] EN
[54] **MODIFIED THERMOPLASTIC RESIN COMPOSITION AND METHOD OF PRODUCING THE SAME**
[54] **COMPOSITION DE RESINE THERMOPLASTIQUE MODIFIEE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MAEKAWA, TATSUJI, JP
[72] NAKAO, TAKUO, JP
[72] KURIHARA, HIDESHI, JP
[72] TAKASE, TORU, JP
[71] TEIJIN LIMITED, JP
[85] 1999-07-05
[86] 1998-11-09 (PCT/JP98/05035)
[87] 1999-05-20 (WO99/24495)
[30] JP (9/307362) 1997-11-10

[21] **2,277,130**
[13] A1

[51] **Int.Cl. 6A61K 35/74 6A23L 1/03**
[25] EN
[54] **PHARMACEUTICAL AND ALIMENTARY COMPOSITIONS CONTAINING BACTERIA OF THE GENUS ACETOBACTER**
[54] **COMPOSITIONS PHARMACEUTIQUES ET ALIMENTAIRES CONTENANT DES BACTERIES DU GENRE ACETOBACTER**
[72] PANNI, FAUSTO, IT
[72] ANDRIOLLI, ADRIANO, IT
[71] FARMILA FARMACEUTICI MILANO S.R.L., IT
[85] 1999-07-07
[86] 1998-01-05 (PCT/EP98/00019)
[87] 1998-07-16 (WO98/30226)
[30] IT (MI97A000013) 1997-01-08

[21] **2,277,132**
[13] A1

[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **POSTPAID TRAVELER'S CHECKS**
[54] **CHEQUES DE VOYAGE A DEBIT DIFFERE**
[72] WALKER, JAY S., US
[72] CASE, SCOTT T., US
[71] WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP, US
[85] 1999-05-20
[86] 1997-12-09 (PCT/US97/22564)
[87] 1998-06-18 (WO98/26376)
[30] US (08/762128) 1996-12-09

[21] **2,277,133**
[13] A1

[51] **Int.Cl. 6H01M 8/04**
[25] EN
[54] **SURFACE REPLICA FUEL CELL FOR MICRO FUEL CELL ELECTRICAL POWER PACK**
[54] **PILE A COMBUSTIBLE A REPLIQUE DE SURFACE POUR GROUPE D'ALIMENTATION ELECTRIQUE A MICROPILES A COMBUSTIBLE**
[72] HOCKADAY, ROBERT G., US
[71] HOCKADAY, ROBERT G., US
[85] 1999-07-05
[86] 1998-01-02 (PCT/US98/01693)
[87] 1998-07-16 (WO98/31062)
[30] US (08/779,106) 1997-01-06
[30] US (PCT/US98/01693) 1998-01-02

PCT Applications Entering the National Phase

[21] **2,277,134**
[13] A1

[51] **Int.Cl. 6G06F 15/78 6H03K 19/177**
[25] EN
[54] **IO- AND MEMORY BUS SYSTEM FOR DFPS AS UNITS WITH TWO- OR MULTI-DIMENSIONALLY PROGRAMMABLE CELL STRUCTURES**
[54] **SYSTEME DE BUS IO ET A MEMOIRE POUR DFP ET UNITES A STRUCTURES CELLULAIRES PROGRAMMABLES BIDIMENSIONNELLES OU MULTIDIMENSIONNELLES**
[72] VORBACH, MARTIN, DE
[72] MUNCH, ROBERT, DE
[71] PACT
INFORMATIONSTECHNOLOGIE GMBH, DE
[85] 1999-06-18
[86] 1997-12-21 (PCT/DE97/03013)
[87] 1998-07-02 (WO98/28697)
[30] DE (196 54 595.1) 1996-12-20

[21] **2,277,136**
[13] A1

[51] **Int.Cl. 6C11D 17/00 6C11D 3/00 6A61K 7/06 6A61K 7/48**
[25] EN
[54] **PARTICLES CONTAINING ABSORBED LIQUIDS AND METHODS OF MAKING THEM**
[54] **PARTICULES CONTENANT DES LIQUIDES ABSORBES ET PROCEDES DE FABRICATION DE CES PARTICULES**
[72] GREY, BRYAN DAVID, GB
[72] IRVING, PAMELA VIRGINIA, GB
[72] SYMES, KENNETH CHARLES, GB
[72] NESS, JEREMY NICHOLAS, GB
[72] GOODALL, MARCUS JAMES, GB
[71] QUEST INTERNATIONAL B.V., NL
[71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB
[85] 1999-06-22
[86] 1997-12-23 (PCT/GB97/03530)
[87] 1998-07-02 (WO98/28398)
[30] EP (96309466.9) 1996-12-23

[21] **2,277,137**
[13] A1

[51] **Int.Cl. 6H04L 12/413**
[25] EN
[54] **BUFFERED REPEATER WITH INDEPENDENT ETHERNET COLLISION DOMAINS**
[54] **REPETEUR DOTE D'UN TAMPON ET DE DOMAINES DE COLLISION ETHERNET INDEPENDANTS**
[72] BEN-MICHAEL, SIMONI, IL
[72] PERLMAN, SHUKI, IL
[72] MENACHEM, AVRAHAM, IL
[71] CABLETRON SYSTEMS, INC., US
[85] 1999-07-07
[86] 1998-01-05 (PCT/US98/01115)
[87] 1998-07-16 (WO98/31127)
[30] US (08/780,654) 1997-01-07

[21] **2,277,138**
[13] A1

[51] **Int.Cl. 6G01L 19/00 6G01F 1/36**
[25] EN
[54] **TWO-PIECE MANIFOLD**
[54] **COLLECTEUR EN DEUX PIECES**
[72] HUTTON, PETER B., CA
[71] HUTTON, PETER B., CA
[85] 1999-07-07
[86] 1998-01-08 (PCT/IB98/00227)
[87] 1998-07-16 (WO98/30880)
[30] US (60/035,077) 1997-01-09
[30] US (08/941,951) 1997-10-01

[21] **2,277,139**
[13] A1

[51] **Int.Cl. 6C11D 3/06 6C11D 17/00 6C11D 3/36**
[25] EN
[54] **ALKALINE DETERGENT CONTAINING MIXED ORGANIC AND INORGANIC SEQUESTRANTS RESULTING IN IMPROVED SOIL REMOVAL**
[54] **DETERGENT ALCALIN RENFERMANT DES SEQUESTRANTS ORGANIQUES ET INORGANIQUES ET PERMETTANT UNE MEILLEURE ELIMINATION DES SALISSURES**
[72] LENTSCH, STEVEN E., US
[72] OLSON, KEITH E., US
[71] ECOLAB INC., US
[85] 1999-07-07
[86] 1998-01-06 (PCT/US98/00451)
[87] 1998-07-16 (WO98/30666)
[30] US (08/782,457) 1997-01-13

[21] **2,277,140**
[13] A1

[51] **Int.Cl. 6E01C 11/22 6E04B 1/00**
[25] EN
[54] **EDGE RESTRAINT APPARATUS HAVING VARIABLE LENGTH SECTIONS**
[54] **DISPOSITIF DE RETENUE DE BORDS COMPORTANT DES SECTIONS DE LONGUEUR VARIABLE**
[72] JONES, STEPHEN, US
[71] JONES, STEPHEN, US
[85] 1999-07-07
[86] 1998-01-08 (PCT/US98/00434)
[87] 1998-07-16 (WO98/30755)
[30] US (08/780,702) 1997-01-08

[21] **2,277,141**
[13] A1

[51] **Int.Cl. 6A61K 39/385 6A61K 39/00 6A61K 39/08 6A61K 39/09 6A61K 39/095 6C07K 17/10**
[25] EN
[54] **PROCESS FOR PREPARING CONJUGATE VACCINES INCLUDING FREE PROTEIN AND THE CONJUGATE VACCINES, IMMUNOGENS, AND IMMUNOGENIC REAGENTS PRODUCED BY THIS PROCEDURE**
[54] **PROCEDE DE PREPARATION DE VACCINS A BASE DE CONJUGUES COMPORTANT UNE PROTEINE LIBRE, ET VACCINS A BASE DE CONJUGUES, IMMUNOGENES ET REACTIFS IMMUNOGENES OBTENUS PAR CE PROCEDE**
[72] LEES, ANDREW, US
[72] MOND, JAMES J., US
[71] LEES, ANDREW, US
[71] MOND, JAMES J., US
[85] 1999-07-07
[86] 1998-01-07 (PCT/US98/00111)
[87] 1998-07-16 (WO98/30239)
[30] US (60/034,653) 1997-01-08

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,277,142 [13] A1</p> <p>[51] Int.Cl. 6E05F 1/08 [25] EN [54] EQUILIBRATED HINGE WITH VARIABLE FRICTIONAL TORQUE [54] CHARNIERE MISE EN EQUILIBRE, AVEC COUPLE DE FRICTION VARIABLE [72] CARPENTER, DAVID A., US [72] GELFAND, MIKHAIL, US [72] RUDE, EDWARD T., US [71] TORQMASTER, INC., US [85] 1999-07-07 [86] 1997-12-02 (PCT/US97/21923) [87] 1998-07-23 (WO98/31908) [30] US (08/785,927) 1997-01-22</p>	<p style="text-align: right;">[21] 2,277,145 [13] A1</p> <p>[51] Int.Cl. 6C08L 23/08 6B32B 27/32 [25] EN [54] EXTRUSION COATING STRUCTURE [54] STRUCTURE DE COUCHAGE PAR EXTRUSION [72] VÄHÄLÄ, MARTTI, FI [72] SALMINEN, HANNU, FI [72] SAINIO, MARKKU, FI [72] LAIHO, ERKKI, FI [71] BOREALIS POLYMERS OY, FI [85] 1999-07-07 [86] 1998-01-07 (PCT/FI98/00014) [87] 1998-07-16 (WO98/30628) [30] FI (970121) 1997-01-10</p>	<p style="text-align: right;">[21] 2,277,148 [13] A1</p> <p>[51] Int.Cl. 6C11D 17/00 6C11D 17/04 6C11D 3/10 6C11D 7/12 6C11D 3/33 6C11D 3/36 [25] EN [54] BINDING AGENT FOR SOLID BLOCK FUNCTIONAL MATERIAL [54] AGENT DE LIAISON POUR PRODUIT FONCTIONNEL EN BLOC SOLIDE [72] OLSON, KEITH E., US [72] MAN, VICTOR F., US [72] LENTSCH, STEVEN E., US [72] WEI, G. JASON, US [71] ECOLAB INC., US [85] 1999-07-07 [86] 1998-01-06 (PCT/US98/00453) [87] 1998-07-16 (WO98/30675) [30] US (08/781,493) 1997-01-13 [30] US (60/034,931) 1997-01-13 [30] US (08/989,824) 1997-12-12</p>
<p style="text-align: right;">[21] 2,277,143 [13] A1</p> <p>[51] Int.Cl. 6C08F 2/20 6C11D 17/00 6A01N 25/10 [25] EN [54] PARTICLES HAVING SURFACE PROPERTIES AND METHODS OF MAKING THEM [54] PARTICULES PRESENTANT DES PROPRIETES DE SURFACE ET PROCEDES DE PRODUCTION DE CES PARTICULES [72] DUNGWORTH, HOWARD ROGER, GB [72] GREY, BRYAN DAVID, GB [72] STOCKWELL, JOHN ROBERT, GB [71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB [85] 1999-06-22 [86] 1997-12-23 (PCT/GB97/03531) [87] 1998-07-02 (WO98/28339) [30] EP (96309466.9) 1996-12-23</p>	<p style="text-align: right;">[21] 2,277,146 [13] A1</p> <p>[51] Int.Cl. 6H05B 3/00 6D21F 5/02 6D21G 1/02 6G03G 15/20 [25] EN [54] HEATED ROLLER WITH INTEGRAL HEAT PIPE [54] ROULEAU CHAUFFE A CALODUCS INTEGRES [72] HYLLBERG, BRUCE E., US [72] MITTELSTAEDT, RANDY L., US [72] BUTTERS, GARY S., US [72] SMITH, THOMAS S., US [71] AMERICAN ROLLER COMPANY, US [85] 1999-07-07 [86] 1998-01-06 (PCT/US98/00239) [87] 1998-07-16 (WO98/31194) [30] US (08/783,597) 1997-01-13</p>	<p style="text-align: right;">[21] 2,277,149 [13] A1</p> <p>[51] Int.Cl. 6B62K 27/00 [25] EN [54] FOLDING TRAILER GOOSENECK [54] COL DE CYGNE DE REMORQUE PLIANT [72] KOTLIER, BERNARD M., US [71] BRUNSWICK CORPORATION, US [85] 1999-07-07 [86] 1998-01-12 (PCT/US98/00378) [87] 1999-07-15 (WO99/35029) [30] US (08/780,831) 1997-01-10</p>
<p style="text-align: right;">[21] 2,277,144 [13] A1</p> <p>[51] Int.Cl. 6B67C 3/28 [25] EN [54] LAMINAR FLOW NOZZLE [54] AJUTAGE A ECOULEMENT LAMINAIRE [72] CRICHTON, JASON M., US [71] THE PROCTER & GAMBLE COMPANY, US [85] 1999-07-07 [86] 1997-12-22 (PCT/US97/23831) [87] 1998-07-16 (WO98/30490) [30] US (08/781,769) 1997-01-10</p>	<p style="text-align: right;">[21] 2,277,147 [13] A1</p> <p>[51] Int.Cl. 6F28D 9/00 6B01J 19/00 6F28F 3/12 [25] EN [54] A REACTOR [54] REACTEUR [72] MATTHEWS, DARREN JAMES, AU [72] CONOCHIE, DAVID STEWART, AU [71] KFX INC., US [85] 1999-07-07 [86] 1998-01-07 (PCT/AU98/00005) [87] 1998-07-16 (WO98/30856) [30] AU (PO 4513) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,150 [13] A1</p> <p>[51] Int.Cl. 6A61M 15/00 [25] EN [54] INHALATION DEVICE [54] DISPOSITIF POUR INHALATION [72] BUDAY-GOLDBERGER, DAVID, FR [72] RAND, PAUL KENNETH, GB [72] SEGUELAS, ETIENNE, FR [72] DMITROVIC, BOSKO, FR [72] BRAND, PETER JOHN, GB [71] GLAXO GROUP LIMITED, GB [85] 1999-07-07 [86] 1998-01-06 (PCT/EP98/00023) [87] 1998-07-16 (WO98/30262) [30] GB (9700226.5) 1997-01-08</p>

PCT Applications Entering the National Phase

[21] **2,277,151**
[13] A1

[51] **Int.Cl. 6C07D 473/18 6C07C 69/003 6C07C 229/24 6C07D 473/40 6C07C 69/66**
[25] EN
[54] **SYNTHESIS OF ACYCLIC NUCLEOSIDE DERIVATIVES**
[54] **SYNTHESE DE DERIVES DE NUCLEOSIDE ACYCLIQUE**
[72] RILEY, DAVID A., US
[72] TIAN, ZHENPING, US
[72] TIEN, JIEN-HEH J., US
[72] KOLACZKOWSKI, LAWRENCE, US
[72] ZHANG, WEIJIANG, US
[72] SINGAM, PULLA REDDY, US
[72] GATES, BRADLEY D., US
[72] WAYNE, GREG, US
[72] HANNICK, STEVEN M., US
[72] PATEL, RAMESH R., US
[72] MORTON, HOWARD, US
[72] LUKIN, KIRILL L., US
[72] RASMUSSEN, MICHAEL, US
[72] NARAYANAN, BIKSHANDARKOR A., US
[72] LANNOYE, GREG, US
[72] BHAGAVATULA, LAKSHMI, US
[72] CHANG, SOU-JEN, US
[72] LEANNA, M. ROBERT, US
[71] MEDIVIR AB, SE
[85] 1999-06-28
[86] 1998-02-06 (PCT/US98/02439)
[87] 1998-08-13 (WO98/34917)
[30] US (08/798,216) 1997-02-10
[30] US (60/037,517) 1997-02-10
[30] US (08/908,754) 1997-08-08

[21] **2,277,152**
[13] A1

[51] **Int.Cl. 6A61K 7/50**
[25] EN
[54] **PERSONAL CLEANSING COMPOSITIONS**
[54] **COMPOSITIONS DE NETTOYAGE POUR SOINS PERSONNELS**
[72] WELLS, ROBERT LEE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-07-07
[86] 1998-01-21 (PCT/US98/01097)
[87] 1998-07-23 (WO98/31327)
[30] US (08/786,578) 1997-01-21

[21] **2,277,153**
[13] A1

[51] **Int.Cl. 6B66F 3/00**
[25] EN
[54] **DEVICE AND SYSTEM FOR LIFTING OFFICE FURNITURE**
[54] **DISPOSITIF ET SYSTEME POUR LE LEVAGE DE MOBILIER DE BUREAU**
[72] CARAWAY, MORGAN, US
[72] DAUBS, JAMES, US
[72] VAUGHAN, WILLIAM NEIL, US
[72] BEARDEN, GARY, US
[72] HONEYCUTT, MARK, US
[72] SMITH, DERRYL, US
[72] HUCKABY, VICTOR A., US
[71] SHAW INDUSTRIES, INC., US
[85] 1999-07-07
[86] 1998-01-08 (PCT/US98/00253)
[87] 1998-07-16 (WO98/30487)
[30] US (60/034,661) 1997-01-09
[30] US (60/042,958) 1997-04-07
[30] US (60/054,921) 1997-08-08

[21] **2,277,154**
[13] A1

[51] **Int.Cl. 6H01Q 1/24 6H04B 1/08 6H01Q 13/08 6H04B 1/18 6H01Q 9/18**
[25] EN
[54] **DUAL BAND ANTENNA**
[54] **ANTENNE A DEUX BANDES**
[72] PARK, SANG-KEUN, KR
[72] HA, DONG-IN, KR
[72] GOUDELEV, ALEXANDRE, KR
[72] KRYLOV, KONSTANTIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 1999-07-05
[86] 1997-07-30 (PCT/KR97/00146)
[87] 1998-07-16 (WO98/31067)
[30] KR (639/1997) 1997-01-13

[21] **2,277,155**
[13] A1

[51] **Int.Cl. 6C09J 4/06 6C08F 279/02**
[25] EN
[54] **ADDITIVES FOR CONTROLLING CURE RATE OF POLYMERIZABLE COMPOSITION**
[54] **ADDITIFS POUR REGLER LA VITESSE DE DURCISSEMENT D'UNE COMPOSITION POLYMERISABLE**
[72] ABBEY, KIRK J., US
[72] RIGHETTINI, ROBIN F., US
[71] LORD CORPORATION, US
[85] 1999-07-07
[86] 1997-11-24 (PCT/US97/21761)
[87] 1998-07-16 (WO98/30645)
[30] US (08/781,555) 1997-01-09

[21] **2,277,156**
[13] A1

[51] **Int.Cl. 6C11D 3/33**
[25] EN
[54] **SEPARATION OF HEAVY METALS AND MATERIALS FOR USE IN THIS**
[54] **SEPARATION DES METAUX LOURDS ET MATERIAUX UTILISES A CETTE FIN**
[72] SCHOWANEK, DIEDERIK, BE
[72] FEIJTEL, TOM CORNELIS, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-07-07
[86] 1998-01-09 (PCT/US98/00591)
[87] 1998-07-23 (WO98/31779)
[30] EP (97870004.5) 1997-01-21

[21] **2,277,157**
[13] A1

[51] **Int.Cl. 6H01R 43/01**
[25] EN
[54] **IMPACT/NO-IMPACT PUNCHDOWN TOOL FOR USE WITH CUT/NO-CUT OR WIRE INSERTION BLADE ASSEMBLY**
[54] **OUTIL DE POINCONNAGE A PERCUSSION/SANS PERCUSSION DESTINE A ETRE UTILISE DANS UN ENSEMBLE A LAME COUPANTE/NON COUPANTE OU DANS UN ENSEMBLE INSERTION DE CABLE**
[72] FALLANDY, MICHAEL M., US
[72] ZIGLER, DANIEL J., US
[71] HARRIS CORPORATION, US
[85] 1999-07-07
[86] 1998-01-16 (PCT/US98/00879)
[87] 1998-07-23 (WO98/32195)
[30] US (08/786,233) 1997-01-21

[21] **2,277,158**
[13] A1

[51] **Int.Cl. 6D21B 1/02 6D21B 1/06 6B02C 4/32**
[25] EN
[54] **PROTECTION SYSTEM FOR A WOOD CHIP DESTRUCTURING DEVICE**
[54] **SYSTEME DE PROTECTION POUR DISPOSITIF DE DESTRUCTURATION DE COPEAUX DE BOIS**
[72] BIELAGUS, JOSEPH B., US
[71] BELOIT TECHNOLOGIES, INC., US
[85] 1999-07-07
[86] 1997-10-30 (PCT/US97/19802)
[87] 1998-07-30 (WO98/32911)
[30] US (08/788,144) 1997-01-24

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[21] **2,277,159**
[13] A1

[51] **Int.Cl. 6C07H 19/00 6C10M 107/00 6C07C 2/02 6C07H 19/04 6C07C 2/50**

[25] EN

[54] **BIOCONJUGATION OF MACROMOLECULES**

[54] **BIOCONJUGAISON DE MACROMOLECULES**

[72] VAGLE, KURT, US

[72] STEPHENS, ANDREW, US

[72] EATON, BRUCE, US

[72] HILL, KEN, US

[72] GOLD, LARRY, US

[72] McGEE, DANNY, US

[72] PIEKEN, WOLFGANG, US

[71] PROLIGO LLC, US

[85] 1999-07-07

[86] 1998-01-08 (PCT/US98/00649)

[87] 1998-07-16 (WO98/30575)

[30] US (60/034,651) 1997-01-08

[30] US (60/058,206) 1997-09-08

[21] **2,277,160**
[13] A1

[51] **Int.Cl. 6A61F 5/56**

[25] EN

[54] **DISPOSABLE MANDIBULAR ADVANCEMENT APPLIANCE**

[54] **APPAREIL D'AVANCEMENT MANDIBULAIRE JETABLE**

[72] FRANTZ, DON E., US

[72] FRANTZ, MICHAEL D., US

[71] FRANTZ, DON E., US

[71] FRANTZ, MICHAEL D., US

[85] 1999-07-07

[86] 1997-12-15 (PCT/US97/22708)

[87] 1998-06-25 (WO98/26736)

[30] US (08/766,651) 1996-12-16

[21] **2,277,161**
[13] A1

[51] **Int.Cl. 6C07D 213/30 6C07B 37/02 6A61K 31/44 6C07D 213/48**

[25] EN

[54] **ENDOTHELIN INTERMEDIATES BY ASYMMETRIC CONJUGATE ADDITION REACTION USING A CHIRAL ADDITIVE**

[54] **INTERMEDIAIRES DE L'ENDOTHELINE OBTENUS PAR REACTION D'ADDITION D'UN CONJUGUE ASYMETRIQUE EFFECTUEE AU MOYEN D'UN ADDITIF CHIRAL**

[72] TILLYER, RICHARD D., US

[72] TSCHAEN, DAVID M., US

[72] XU, FENG, US

[71] MERCK & CO., INC., US

[85] 1999-07-09

[86] 1998-01-09 (PCT/US98/00263)

[87] 1998-07-16 (WO98/30543)

[30] US (60/035,462) 1997-01-14

[30] GB (9705858.0) 1997-03-21

[21] **2,277,162**
[13] A1

[51] **Int.Cl. 6H05B 3/06 6H05B 3/56**

[25] EN

[54] **A HEATING CABLE AND A METHOD OF MAKING IT**

[54] **CABLE CHAUFFANT ET PROCEDE DE FABRICATION**

[72] CHRISTENSEN, TAGE, ES

[71] NOTA BENE LTD., GB

[71] CHRISTENSEN, TAGE, ES

[85] 1999-07-07

[86] 1998-01-07 (PCT/DK98/00004)

[87] 1998-07-16 (WO98/31195)

[30] DK (0017/97) 1997-01-07

[21] **2,277,163**
[13] A1

[51] **Int.Cl. 6B01D 15/00 6C08L 9/00 6C08L 47/00 6C08L 53/02**

[25] EN

[54] **SYSTEMS FOR AMELIORATING AQUEOUS HYDROCARBON SPILLS**

[54] **SYSTEMES PERMETTANT DE MINIMISER LES NAPPES D'HYDROCARBURES EN MILIEU AQUEUX**

[72] ALLEN, PETER A., US

[72] RINK, GLENN R., US

[72] HEGEMAN, JAN R., US

[72] STELPSTRA, STEPHEN C., US

[72] ROSANIA, ROBERT L., US

[72] MORRIS, JAMES F., US

[71] ABTECH INDUSTRIES, INC., US

[85] 1999-07-09

[86] 1998-01-09 (PCT/US98/00385)

[87] 1998-07-16 (WO98/30303)

[30] US (60/034,677) 1997-01-10

[30] US (09/005,332) 1998-01-09

[21] **2,277,164**
[13] A1

[51] **Int.Cl. 6C08F 4/00 6C07D 235/02 6C07D 233/38 6C08F 2/38**

[25] EN

[54] **METHOD OF CONTROLLING POLYMER MOLECULAR WEIGHT AND STRUCTURE**

[54] **PROCEDE DE CONTROLE DE LA STRUCTURE ET DU POIDS MOLECULAIRES D'UN POLYMERE**

[72] GRIDNEV, ALEXEI, US

[72] THANG, SAN HOA, AU

[72] RIZZARDO, EZIO, AU

[72] MOAD, GRAEME, AU

[72] ANDERSON, ALBERT G., US

[71] E.I. DUPONT DE NEMOURS AND COMPANY, US

[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, AU

[85] 1999-07-07

[86] 1998-01-07 (PCT/US98/00601)

[87] 1998-07-16 (WO98/30601)

[30] US (60/034,727) 1997-01-10

PCT Applications Entering the National Phase

[21] **2,277,165**
[13] A1
[51] **Int.Cl. 6C12N 15/10 6B01D 61/00 6C07H 1/08**
[25] EN
[54] **PURIFICATION AND/OR CONCENTRATION OF DNA BY CROSS-FLOW FILTRATION, SEPARATION OF ENDOTOXINS FROM A NUCLEIC ACID PREPARATION**
[54] **PURIFICATION ET/OU CONCENTRATION D'ADN PAR FILTRATION TANGENTIELLE, SEPARATION D'ENDOTOXINES CONTENUES DANS UNE PREPARATION D'ACIDE NUCLEIQUE**
[72] KUHNE, WOLFGANG, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[85] 1999-07-09
[86] 1998-01-09 (PCT/EP98/00103)
[87] 1998-07-16 (WO98/30685)
[30] EP (97100331.4) 1997-01-10

[21] **2,277,166**
[13] A1
[51] **Int.Cl. 6A61K 31/415 6A61K 31/335 6A61K 31/675**
[25] EN
[54] **KIT FOR INHIBITING THE GROWTH OF CANCERS, COMPRISING A CHEMOTHERAPEUTIC AGENT AND A BENZIMIDAZOLE, AND OPTIONALLY A POTENTIATOR**
[54] **KIT PERMETTANT D'INHIBER LE DEVELOPPEMENT DE CANCERS; CE KIT COMPRENANT UN AGENT CHIMIOThERAPEUTIQUE, UN BENZIMIDAZOLE ET FACULTATIVEMENT UN POTENTIALISATEUR**
[72] CAMDEN, JAMES BERGER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-07-07
[86] 1998-01-21 (PCT/US98/01147)
[87] 1998-07-30 (WO98/32440)
[30] US (08/788,482) 1997-01-28

[21] **2,277,167**
[13] A1
[51] **Int.Cl. 6B65H 29/04 6B65H 29/60**
[25] EN
[54] **DEVICE FOR DEVIATING RAIL-GUIDED TRANSPORT ITEMS FROM ONE RAIL TRACK TO ANOTHER**
[54] **DISPOSITIF POUR DEVIER D'UN TRONCON DE RAIL A UN AUTRE DES ELEMENTS DE TRANSPORT GUIDES SUR RAIL**
[72] FELIX, MARKUS, CH
[71] IPT WEINFELDEN AG, CH
[85] 1999-07-09
[86] 1997-10-28 (PCT/CH97/00409)
[87] 1998-07-23 (WO98/31623)
[30] CH (65/97) 1997-01-15

[21] **2,277,168**
[13] A1
[51] **Int.Cl. 6A61K 7/50**
[25] EN
[54] **PERSONAL CLEANSING COMPOSITIONS**
[54] **COMPOSITIONS D'HYGIENE PERSONNELLE**
[72] MOTLEY, CURTIS BOBBY, US
[72] WELLS, ROBERT LEE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-07-07
[86] 1998-01-21 (PCT/US98/01098)
[87] 1998-07-23 (WO98/31340)
[30] US (08/786,521) 1997-01-21

[21] **2,277,169**
[13] A1
[51] **Int.Cl. 6C07C 17/272**
[25] EN
[54] **PROCESS FOR THE MANUFACTURE OF HALOCARBONS**
[54] **PROCEDE POUR LA FABRICATION D'HALOCARBURES**
[72] SIEVERT, ALLEN CAPRON, US
[71] E.I. DUPONT DE NEMOURS AND COMPANY, US
[85] 1999-07-07
[86] 1998-01-07 (PCT/US98/00579)
[87] 1998-07-23 (WO98/31649)
[30] US (60/035,383) 1997-01-16

[21] **2,277,170**
[13] A1
[51] **Int.Cl. 6G01N 21/89**
[25] EN
[54] **A DETECTOR OF FOREIGN FIBRES AND FOREIGN MATERIALS BASED ON AN ABSORPTION MEASUREMENT OF LIGHT AND CORRESPONDING DETECTION METHOD**
[54] **DETECTEUR DE FIBRES ET DE MATERIAUX ETRANGERS BASE SUR UNE MESURE D'ABSORPTION DE LA LUMIERE ET PROCEDE DE DETECTION CORRESPONDANT**
[72] BOUVYN, PATRICK, BE
[71] BARCO N.V., BE
[85] 1999-07-09
[86] 1998-01-28 (PCT/BE98/00014)
[87] 1998-07-30 (WO98/33061)
[30] BE (9700078) 1997-01-28

[21] **2,277,171**
[13] A1
[51] **Int.Cl. 6C07H 13/06**
[25] EN
[54] **PURIFICATION OF POLYOL POLYESTERS USING A MIXING VESSEL**
[54] **PURIFICATION DE POLYESTERS D'ACIDE GRAS DE POLYOL AU MOYEN D'UN RECIPIENT DE MELANGE A MELANGE REGULE**
[72] SARAMA, ROBERT JOSEPH, US
[72] CLAY, REGINALD, SEBASTIAN, US
[72] KENNEALLY, COREY JAMES, US
[72] HOWIE, JOHN KEENEY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-07-07
[86] 1998-01-28 (PCT/US98/01557)
[87] 1998-08-06 (WO98/33804)
[30] US (60/036,694) 1997-01-31

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,277,172 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/50 6A61K 7/48 [25] EN [54] BAR COMPOSITION COMPRISING LOW VISCOSITY OILS PRE-THICKENED BY NON-ANTIFOAMING HYDROPHOBIC POLYMERS [54] COMPOSITIONS EN FORME DE BARRES COMPRENANT DES HUILES A FAIBLE VISCOSITE PRE-EPAISSIES PAR DES POLYMERES HYDROPHOBES NON ANTI-MOUSSANTS [72] RATTINGER, GAIL BETH, US [72] ARONSON, MICHAEL PAUL, US [72] MASSARO, MICHAEL, US [72] HE, MENGTAO, US [72] TSAUR, LIANG SHENG, US [72] MCFANN, GREGORY JAY, US [71] UNILEVER PLC, GB [85] 1999-07-07 [86] 1997-12-24 (PCT/EP97/07329) [87] 1998-07-16 (WO98/30193) [30] US (08/779548) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,175 [13] A1</p> <p>[51] Int.Cl. 6B26B 21/40 [25] EN [54] SHAVING SYSTEM [54] SYSTEME DE RASAGE [72] KWIECIAN, MICHAEL J., US [72] TSENG, MINGCHIH M., US [71] THE GILLETTE COMPANY, US [85] 1999-07-07 [86] 1998-02-26 (PCT/US98/03877) [87] 1998-09-03 (WO98/38015) [30] US (807,492) 1997-02-27</p>	<p style="text-align: right;">[21] 2,277,178 [13] A1</p> <p>[51] Int.Cl. 6A61M 29/02 [25] EN [54] CONVERSION OF BETA RADIATION TO GAMMA RADIATION FOR INTRAVASCULAR RADIATION THERAPY [54] TRANSFORMATION DE RAYONNEMENT BETA EN RAYONNEMENT GAMMA POUR RADIOTHERAPIE INTRAVASCULAIRE [72] HASTINGS, ROGER N., US [71] BOSTON SCIENTIFIC LIMITED, BB [85] 1999-07-07 [86] 1998-01-09 (PCT/US98/00498) [87] 1998-07-16 (WO98/30273) [30] US (781,857) 1997-01-10</p>
<p style="text-align: right;">[21] 2,277,173 [13] A1</p> <p>[51] Int.Cl. 6B66C 1/34 [25] EN [54] NOVEL RELEASE LATCH - C-I-P [54] NOUVEAU DISPOSITIF DE DEVERROUILLAGE C-I-P [72] MARLER, JOSEPH E., US [71] MARLER, JOSEPH E., US [85] 1999-07-07 [86] 1998-01-02 (PCT/US98/00086) [87] 1999-05-27 (WO99/25637) [30] US (08/780,693) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,176 [13] A1</p> <p>[51] Int.Cl. 6G06F 7/10 [25] EN [54] METHOD AND APPARATUS FOR ATTRIBUTE SELECTION [54] PROCEDE ET APPAREIL DE SELECTION D'ATTRIBUTS [72] WELLS, MARK, US [72] SHAH, ASHISH, US [71] TRILOGY DEVELOPMENT GROUP, INC., US [85] 1999-07-07 [86] 1998-01-08 (PCT/US98/00066) [87] 1998-07-30 (WO98/33104) [30] US (08/780,600) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,179 [13] A1</p> <p>[51] Int.Cl. 6A61K 51/10 6C07C 233/00 6C07F 5/00 6A61K 51/00 6C07F 9/02 [25] EN [54] HYDROXYMETHYL PHOSPHINE COMPOUNDS FOR USE AS DIAGNOSTIC AND THERAPEUTIC PHARMACEUTICALS AND METHOD OF MAKING SAME [54] COMPOSES DE PHOSPHINE HYDROXYMETHYLIQUE A UTILISER EN TANT QUE PRODUITS PHARMACEUTIQUES DIAGNOSTIQUES ET THERAPEUTIQUES ET LEUR PROCEDE DE PRODUCTION [72] KETRING, ALAN R., US [72] VOLKERT, WYNN A., US [72] SMITH, C. JEFFREY, US [72] KATTI, KATTESH V., US [72] BERNING, DOUGLAS E., US [72] KARRA, SRINIVASA RAO, US [71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US [85] 1999-07-09 [86] 1998-03-05 (PCT/US98/04318) [87] 1998-09-24 (WO98/41242) [30] US (08/818,080) 1997-03-14</p>
<p style="text-align: right;">[21] 2,277,174 [13] A1</p> <p>[51] Int.Cl. 6C09D 10/00 [25] EN [54] CORRECTION FLUID [54] LIQUIDE CORRECTEUR [72] NG, KIM H., US [72] YAU, CHIOU C., US [72] SANBORN, NORMAN G., US [71] THE GILLETTE COMPANY, US [85] 1999-07-07 [86] 1998-01-08 (PCT/US98/00483) [87] 1998-07-16 (WO98/30641) [30] US (781,174) 1997-01-09</p>	<p style="text-align: right;">[21] 2,277,177 [13] A1</p> <p>[51] Int.Cl. 6G03G 9/087 6G03G 9/08 6G03G 9/12 [25] EN [54] TONER FOR ELECTROSTATIC IMAGE DEVELOPMENT CONTAINING POLYOLEFIN RESIN HAVING CYCLIC STRUCTURE [54] TONER POUR DEVELOPPEMENT D'IMAGE ELECTROSTATIQUE, CONTENANT DE LA RESINE A BASE DE POLYOLEFINE A STRUCTURE CYCLIQUE [72] FUKUZAWA, JUNICHI, JP [72] NISHIOKA, TOSHIMI, JP [72] NAKAMURA, TORU, JP [72] HOGA, TAKUYA, JP [72] ARAI, SATOSHI, JP [72] ARAI, MASAYUKI, JP [72] OSAN, FRANK, DE [72] LAND, HORST-TORE, DE [72] WEHRMEISTER, THOMAS, DE [71] TICONA GMBH, DE [85] 1999-06-25 [86] 1997-12-25 (PCT/IP97/04848) [87] 1998-07-09 (WO98/29783) [30] JP (8/348546) 1996-12-26</p>	

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<p style="text-align: right;">[21] 2,277,180 [13] A1</p> <p>[51] Int.Cl. 6A61B 19/00 [25] EN [54] METHOD TO ENHANCE TISSUE ACCUMULATION OF RADIOLABELED COMPOUNDS [54] TECHNIQUE VISANT A ACCROITRE L'ACCUMULATION DE COMPOSES RADIOMARQUES DANS UN TISSU [72] ESPENAN, GREGORY D., US [72] WOLTERING, EUGENE A., US [71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND, US [85] 1999-07-07 [86] 1998-11-23 (PCT/US98/24912) [87] 1999-06-03 (WO99/26551) [30] US (08/977,520) 1997-11-24</p>	<p style="text-align: right;">[21] 2,277,183 [13] A1</p> <p>[51] Int.Cl. 6A21D 10/02 6A21D 6/00 [25] EN [54] LOW PRESSURE REFRIGERATED DOUGH PRODUCT [54] PRODUIT DE PATE REFRIGEREE A BASSE PRESSION [72] HUANG, VICTOR T., US [72] ROSENWALD, DIANE R., US [72] PERRY, MICHAEL R., US [72] GHIASI, KATY, US [72] ATWELL, WILLIAM A., US [72] HANKERSON, STEPHANIE C. K., US [72] JOHNSON, ANDREW H., US [71] THE PILLSBURY COMPANY, US [85] 1999-07-09 [86] 1998-05-08 (PCT/US98/09155) [87] 1998-11-19 (WO98/51159) [30] US (08/856,985) 1997-05-15</p>	<p style="text-align: right;">[21] 2,277,186 [13] A1</p> <p>[51] Int.Cl. 6B65D 77/06 6B29C 44/04 6B29C 47/04 6B65D 19/04 [25] EN [54] DEVICE FOR PROTECTING A LARGE-VOLUME RECEPTACLE AND METHOD FOR THE PRODUCTION THEREOF [54] DISPOSITIF POUR LA PROTECTION D'UN RECIPIENT D'UN GRAND VOLUME ET SON PROCEDE DE FABRICATION [72] RICHTER, GUNTER, DE [71] RICHTER, GUNTER, DE [85] 1999-07-09 [86] 1998-01-09 (PCT/DE98/00058) [87] 1998-07-16 (WO98/30466) [30] DE (197 00 781.3) 1997-01-11</p>
<p style="text-align: right;">[21] 2,277,181 [13] A1</p> <p>[51] Int.Cl. 6B42D 15/10 6G06K 19/07 [25] EN [54] CARD MOUNTED WITH CIRCUIT CHIP AND CIRCUIT CHIP MODULE [54] CARTE A PUCE ET MODULE DE PUCE [72] CHIMURA, SHIGEMI, JP [72] KOMURO, TOYOKAZU, JP [72] IKEFUJI, YOSHIHIRO, JP [71] ROHM CO., LTD., JP [85] 1999-06-25 [86] 1997-12-22 (PCT/JP97/04771) [87] 1998-07-09 (WO98/29262) [30] JP (8-351359) 1996-12-27</p>	<p style="text-align: right;">[21] 2,277,184 [13] A1</p> <p>[51] Int.Cl. 6H04L 27/26 [25] EN [54] METHOD AND APPARATUS FOR CHANNEL ESTIMATION IN OFDM TRANSMISSION SYSTEM [54] PROCEDE ET APPAREIL D'ESTIMATION DE VOIE DANS UN SYSTEME DE TRANSMISSION PAR MULTIPLEXAGE A REPARTITION EN FREQUENCE ORTHOGONAL [72] H' MIMY, HOSSAM H., US [71] ERICSSON INC., US [85] 1999-07-07 [86] 1998-01-13 (PCT/US98/00755) [87] 1998-07-23 (WO98/32268) [30] US (08/784,193) 1997-01-15</p>	<p style="text-align: right;">[21] 2,277,187 [13] A1</p> <p>[51] Int.Cl. 6H05B 41/16 6H05B 41/18 6H01J 61/20 6H01J 61/24 6H01J 61/56 [25] EN [54] CIRCUIT ARRANGEMENT [54] AGENCEMENT DE CIRCUIT [72] BOKE, ULRICH, DE [72] WIJNTJENS, JOHANNES AGNES ANTONIUS, NL [72] GRADZKI, PAWEL MIROSLAW, US [72] RAETS, HUBERT, NL [71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL [85] 1999-07-09 [86] 1998-10-21 (PCT/IB98/01670) [87] 1999-05-20 (WO99/25158) [30] US (08/967,680) 1997-11-10</p>
<p style="text-align: right;">[21] 2,277,182 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/22 [25] EN [54] ESTABLISHING EMERGENCY CALLS WITHIN A MOBILE TELECOMMUNICATIONS NETWORK [54] ETABLISSEMENT D'APPELS D'URGENCE DANS UN RESEAU DE TELECOMMUNICATIONS MOBILE [72] BOLTZ, DAVID, US [72] ALPEROVICH, VLADIMIR, US [71] ERICSSON INC., US [85] 1999-07-07 [86] 1998-01-13 (PCT/US98/00753) [87] 1998-07-16 (WO98/31168) [30] US (08/782,406) 1997-01-14</p>	<p style="text-align: right;">[21] 2,277,185 [13] A1</p> <p>[51] Int.Cl. 6F04F 5/02 [25] EN [54] LIQUID-GAS JET APPARATUS WITH MULTIPLE NOZZLES AND VARIANTS [54] APPAREIL A JETS DE GAZ ET DE LIQUIDES A BUSES MULTIPLES ET VARIANTES [72] POPOV, SERGUEI A., HU [71] PETROUKHINE, EVGUENI D., US [71] POPOV, SERGUEI A., HU [85] 1999-06-23 [86] 1998-10-29 (PCT/IB98/01690) [87] 1999-03-06 (WO99/22147) [30] RU (97117774) 1997-10-29</p>	<p style="text-align: right;">[21] 2,277,188 [13] A1</p> <p>[51] Int.Cl. 6C04B 12/02 6C04B 7/32 [25] EN [54] BONDED AGGREGATE COMPOSITION AND BINDERS FOR THE SAME [54] COMPOSITIONS A BASE D'AGREGATS LIES ET LIANTS POUR CES AGREGATS [72] TREMBLAY, JEAN, US [71] STELLAR MATERIALS, INC., US [85] 1999-06-30 [86] 1997-01-08 (PCT/US97/00199) [87] 1998-07-16 (WO98/30513)</p>

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[21] **2,277,189**
[13] A1

[51] **Int.Cl. 6C08J 9/24 6B29C 43/00 6B01D 67/00 6B01D 71/26 6C08J 9/28**
[25] EN
[54] **POROUS MOULDED BODIES OF THERMOPLASTIC POLYMERS**
[54] **CORPS DE MOULAGE POREUX EN POLYMERES THERMOPLASTIQUES**
[72] SAIER, HANS-DIETER, DE
[71] MICRODYN MODULBAU GMBH & CO. KG, DE
[85] 1999-07-09
[86] 1998-01-08 (PCT/EP98/00063)
[87] 1998-07-16 (WO98/30624)
[30] DE (197 00 760.0) 1997-01-11

[21] **2,277,192**
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A01K 67/027 6C12N 5/06**
[25] EN
[54] **NUCLEAR TRANSFER WITH DIFFERENTIATED FETAL AND ADULT DONOR CELLS**
[54] **TRANSFERT NUCLEAIRE AU MOYEN DE CELLULES DONNEUSES FOETALES ET ADULTES DIFFERENTIEES**
[72] JERRY, D. JOSEPH, US
[72] CIBELLI, JOSE, US
[72] GOLUEKE, PAUL, US
[72] STICE, STEVEN L., US
[72] PONCE DE LEON, F. ABEL, US
[72] ROBL, JAMES, US
[71] UNIVERSITY OF MASSACHUSETTS, A PUBLIC INSTITUTION OF HIGHER EDUCATION OF, US

[85] 1999-07-08
[86] 1998-01-05 (PCT/US98/00002)
[87] 1998-07-16 (WO98/30683)
[30] US (08/781,752) 1997-01-10

[21] **2,277,196**
[13] A1

[51] **Int.Cl. 6F04F 5/54**
[25] EN
[54] **OPERATION PROCESS OF A PUMPING-EJECTION APPARATUS AND RELATED APPARATUS**
[54] **PROCEDE DE FONCTIONNEMENT D'UN INSTALLATION DE POMPAGE ET D'EJECTION, ET INSTALLATION S'Y RAPPORTANT**
[72] POPOV, SERGUEI A., HU
[71] PETROUKHINE, EVGUENI D., US
[71] POPOV, SERGUEI A., HU
[85] 1999-06-23
[86] 1998-10-22 (PCT/IB98/01689)
[87] 1999-05-06 (WO99/22148)
[30] RU (97117775) 1997-10-29

[21] **2,277,197**
[13] A1

[51] **Int.Cl. 6A47J 36/34 6A47J 37/10 6A47J 36/20**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO SUPPORT ARRANGEMENTS**
[54] **AMELIORATION RELATIVES A DES DISPOSITIFS DE SUPPORT**
[72] YATES, JEANNETTE, GB
[71] YATES, JEANNETTE, GB
[71] DAVIES, PAUL, GB
[85] 1999-06-16
[86] 1997-10-22 (PCT/GB97/02776)
[87] 1998-04-30 (WO98/17161)
[30] GB (9622005.8) 1996-10-22

[21] **2,277,198**
[13] A1

[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **STABILIZED AQUEOUS NUCLEOSIDE TRIPHOSPHATE SOLUTION**
[54] **SOLUTIONS AQUEUSES STABILISEES DE TRIPHOSPHATES DE NUCLEOSIDES**
[72] MUHLEGGER, KLAUS, DE
[72] LEITENBERGER, VOLKER, DE
[72] IHLENFELDT, HANS-GEORG, DE
[72] SCHMIDT, AXEL, DE
[71] ROCHE DIAGNOSTICS GMBH, DE
[85] 1999-05-12
[86] 1997-11-11 (PCT/EP97/06276)
[87] 1998-05-22 (WO98/21362)
[30] DE (196 47 055.2) 1996-11-14

[21] **2,277,199**
[13] A1

[51] **Int.Cl. 6C07K 14/775 6C07K 1/14 6C07K 1/20**
[25] EN
[54] **A PROCESS FOR PURIFYING APOLIPOPROTEINS AND A COMPOSITION FOR USE IN THE PROCESS**
[54] **TECHNIQUE DE PURIFICATION D'ALIPOPROTEINE ET COMPOSITION A UTILISER DANS LE CADRE DE CETTE TECHNIQUE**
[72] NYSTROM, LENA, SE
[72] AGELAND, HANS, SE
[72] TJERNELD, FOLKE, SE
[72] PERSSON, JOSEFINE, SE
[71] ESPERION THERAPEUTICS INC., US
[85] 1999-03-09
[86] 1997-09-08 (PCT/SE97/01501)
[87] 1998-03-19 (WO98/11140)
[30] SE (9603303-0) 1996-09-11
[30] US (60/026,740) 1996-09-26

[21] **2,277,200**
[13] A1

[51] **Int.Cl. 6E01F 15/00 6E01F 9/093**
[25] EN
[54] **ROAD ELEMENTS, AND METHOD OF AND DEVICE FOR TRANSPORTING SAME**
[54] **ELEMENTS DE ROUTE ET PROCEDE ET DISPOSITIF DE TRANSPORT DE CES DERNIERS**
[72] RICHER, GILLES E., CA
[71] ALTERBAR CANADA INC., CA
[85] 1998-10-16
[86] 1998-05-04 (PCT/IB98/00665)
[87] 1999-06-03 (WO99/27190)
[30] WO (PCT/IB97/01628) 1997-11-26

[21] **2,277,201**
[13] A1

[51] **Int.Cl. 6B60S 3/04 6B08B 7/00 6B23P 11/00 6G01B 5/20 6G01B 7/28**
[25] EN
[54] **CONTOUR FOLLOWING TOOL AND METHOD**
[54] **OUTIL ET PROCEDE POUR SUIVRE UN CONTOUR**
[72] JUSTIN, LOUIS K., US
[71] JUSTIN, LOUIS K., US
[85] 1999-07-08
[86] 1998-01-08 (PCT/US98/00268)
[87] 1998-07-16 (WO98/30423)
[30] US (08/780,672) 1997-01-08

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[21] **2,277,202**
[13] A1

[51] **Int.Cl. 6B23D 21/06 6E21B 29/00 6F16L 1/00 6E03F 3/06 6F16L 55/26**
[25] EN
[54] **DEVICE FOR TRENCHLESS REPLACEMENT OF UNDERGROUND PIPE**
[54] **DISPOSITIF POUR LE REMPLACEMENT DE TUYAUTERIE SOUTERRAINE SANS CREUSER DE TRANCHEE**
[72] CARTER, ROBERT WARD, US
[72] CARTER, ROBERT WILLIAMS, US
[71] CARTER, ROBERT WARD, US
[71] CARTER, ROBERT WILLIAMS, US
[85] 1999-07-08
[86] 1998-01-09 (PCT/US98/00266)
[87] 1998-07-16 (WO98/30350)
[30] US (60/035,174) 1997-01-09

[21] **2,277,203**
[13] A1

[51] **Int.Cl. 6A01M 7/00**
[25] EN
[54] **GROUND ATTITUDE CONTROL MEANS**
[54] **DISPOSITIF DE CONTROLE DE L'ATTITUDE AU SOL**
[72] TAYLOR, KENNETH FREDERICK, GB
[72] KNIGHT, BRIAN GEORGE, GB
[71] KNIGHT, BRIAN GEORGE, GB
[85] 1999-07-08
[86] 1998-01-12 (PCT/GB98/00101)
[87] 1998-07-16 (WO98/30088)
[30] GB (9700569.8) 1997-01-13

[21] **2,277,204**
[13] A1

[51] **Int.Cl. 6B21C 37/12**
[25] EN
[54] **DOUBLE-WALLED STRUCTURE AND METHOD AND ARRANGEMENT FOR PRODUCING THE SAME**
[54] **STRUCTURE A DOUBLE PAROI ET PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE CETTE STRUCTURE**
[72] RANTA, TEUVO, SE
[72] HULTBERG, KENT, SE
[71] LINDAB AB, SE
[85] 1999-07-08
[86] 1998-01-26 (PCT/SE98/00103)
[87] 1998-07-30 (WO98/32551)
[30] SE (9700253-9) 1997-01-27
[30] US (08/788,246) 1997-01-27

[21] **2,277,205**
[13] A1

[51] **Int.Cl. 6F42B 12/06 6F42B 12/34**
[25] EN
[54] **PROJECTILE OR WARHEAD**
[54] **PROJECTILE OU OGIVE**
[72] KELLNER, GERD, DE
[71] GEKE INGENIEURBURO, DE
[85] 1999-07-08
[86] 1997-12-22 (PCT/CH97/00477)
[87] 1998-07-16 (WO98/30863)
[30] DE (197 00 349.4) 1997-01-08

[21] **2,277,206**
[13] A1

[51] **Int.Cl. 6B67B 7/00**
[25] EN
[54] **A DEVICE FOR OPENING PACKETS AND FOR DISPENSING THE CONTENTS THEREOF**
[54] **DISPOSITIF POUR OUVRIR DES PAQUETS ET FAIRE SORTIR LEUR CONTENU**
[72] GAZIT, ERAN, IL
[72] AVIGDOR, AMIT, IL
[72] NAVOT, YORAM, IL
[71] AVIGDOR, AMIT, IL
[71] NAVOT, YORAM, IL
[71] GAZIT-NAVOT HOLDINGS LTD., IL
[85] 1999-07-08
[86] 1998-01-08 (PCT/IL98/00010)
[87] 1998-07-16 (WO98/30489)
[30] IL (119980) 1997-01-08

[21] **2,277,207**
[13] A1

[51] **Int.Cl. 6A61K 31/045 6A61K 7/16 6A61K 7/50**
[25] EN
[54] **USE OF DICHLOROBENZYL ALCOHOL FOR PREPARING A PREPARATION FOR TOPICAL TREATMENT OF INFLAMMATION AND A PREPARATION CONTAINING DICHLOROBENZYL ALCOHOL**
[54] **UTILISATION D'ALCOOL DICHLOROBENZYLIQUE POUR REALISER UNE PREPARATION POUR LE TRAITEMENT TOPIQUE DES INFLAMMATIONS ET PREPARATION CONTENANT DE L'ALCOOL DICHLOROBENZYLIQUE**
[72] HOLMEN, HANS, DK
[72] PEDERSEN, ARNE MARTINUS, DK
[71] BIFODAN A/S, DK
[85] 1999-07-08
[86] 1998-01-09 (PCT/DK98/00011)
[87] 1998-07-16 (WO98/30214)
[30] DK (0026/97) 1997-01-09

[21] **2,277,208**
[13] A1

[51] **Int.Cl. 6B05B 11/02**
[25] EN
[54] **DISCHARGE DEVICE FOR FLOWABLE MEDIA USING A THRUST PISTON PUMP**
[54] **DISPOSITIF POUR DECHARGER DES SUBSTANCES COULANTES A L'AIDE D'UNE POMPE A PISTON DE POUSSEE**
[72] MERK, HANS, DE
[72] FUCHS, KARL-HEINZ, DE
[72] KRAMPEN, GERALD, DE
[71] ING. ERICH PFEIFFER GMBH, DE
[85] 1999-07-08
[86] 1998-01-08 (PCT/EP98/00061)
[87] 1998-07-16 (WO98/30335)
[30] DE (197 00 437.7) 1997-01-09
[30] DE (197 23 133.0) 1997-06-03

[21] **2,277,209**
[13] A1

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **A SYSTEM AND METHOD FOR THE DYNAMIC PRESENTATION OF THE CONTENTS OF A PLURALITY OF DOCUMENTS FOR RAPID SKIMMING**
[54] **SYSTEME ET PROCEDE SERVANT A EFFECTUER UNE PRESENTATION DYNAMIQUE D'UNE PLURALITE DE DOCUMENTS AFIN DE LES SURVOLER RAPIDEMENT**
[72] BOGURAEV, BRANIMIR, US
[72] BELLAMY, RACHEL KATHERINE EMMA, US
[72] WONG, YIN YIN, US
[71] APPLE COMPUTER, INC., US
[85] 1999-07-08
[86] 1998-11-16 (PCT/US98/24384)
[87] 1999-05-27 (WO99/26172)
[30] US (08/972,935) 1997-11-18

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,277,210 [13] A1</p> <p>[51] Int.Cl. 6C09J 175/04 6C09J 7/02 [25] EN [54] A POLYURETHANE LATEX PRESSURE SENSITIVE ADHESIVE AND PROCESS FOR MAKING SAME [54] ADHESIF AUTOCOLLANT EN LATEX DE POLYURETHANNE ET PROCEDE DE FABRICATION ASSOCIE [72] WHITE, DOUGLAS P., US [72] SCHROCK, ALAN K., US [72] PARKS, FRANKLIN E., US [72] WILLKOMM, WAYNE R., US [72] TABOR, RICKEY LYNN, US [71] THE DOW CHEMICAL COMPANY, US [85] 1999-07-08 [86] 1998-01-13 (PCT/US98/00776) [87] 1998-07-23 (WO98/31760) [30] US (60/035,627) 1997-01-16</p>	<p style="text-align: center;">[21] 2,277,213 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/48 6A61K 7/06 [25] EN [54] COSMETIC PREPARATIONS CONTAINING EXTRACTS FROM PHYLLANTHUS EMBLICA AND CENTELLA ASIATICA AND/OR BACOPA MONNIERI [54] PREPARATIONS COSMETIQUES CONTENANT DES EXTRAITS DE PHYLLANTHUS EMBLICA ET DE CENTELLA ASIATICA ET/OU DE BACOPA MONNIERI [72] SINGH-VERMA, SHYAM B., DE [71] SINGH-VERMA, SHYAM B., DE [85] 1999-06-25 [86] 1997-12-18 (PCT/EP97/07113) [87] 1998-07-09 (WO98/29089) [30] DE (196 54 635.4) 1996-12-28</p>	<p style="text-align: center;">[21] 2,277,216 [13] A1</p> <p>[51] Int.Cl. 6A01N 51/00 6A01N 25/04 6A01N 25/10 6A01N 25/30 [25] EN [54] AQUEOUS SUSPENSION OF AGROCHEMICAL [54] SUSPENSION AQUEUSE AGROCHIMIQUE [72] KOIKE, MASAHIKO, JP [72] SAKAI, TOMOYO, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 1999-07-08 [86] 1998-02-09 (PCT/JP98/00522) [87] 1998-08-13 (WO98/34484) [30] JP (9/26953) 1997-02-10</p>
<p style="text-align: center;">[21] 2,277,211 [13] A1</p> <p>[51] Int.Cl. 6G01S 11/12 [25] EN [54] VARIABLE PITCH GRATING FOR DIFFRACTION RANGE FINDING SYSTEM [54] HAUTEUR DE FREQUENCE VARIABLE POUR SYSTEME D'IDENTIFICATION DE DISTANCE PAR DIFFRACTION [72] LYON, DOUGLAS A., US [72] DITTO, THOMAS D., US [71] LYON, DOUGLAS A., US [71] DITTO, THOMAS D., US [85] 1999-06-29 [86] 1997-12-29 (PCT/US97/23841) [87] 1999-09-02 (WO99/44013) [30] US (60/034112) 1996-12-30</p>	<p style="text-align: center;">[21] 2,277,214 [13] A1</p> <p>[51] Int.Cl. 6B01D 3/20 6B01D 3/22 [25] EN [54] FRACTIONATION TRAYS [54] PLATEAU DE FRACTIONNEMENT [72] HAUSER, RICHARD P., US [72] SAUTER, JOHN R., US [72] HARRIS, JOHN, US [71] NORTON CHEMICAL PROCESS PRODUCTS CORPORATION, US [85] 1999-07-08 [86] 1997-01-27 (PCT/US97/01234) [87] 1998-07-30 (WO98/32511)</p>	<p style="text-align: center;">[21] 2,277,217 [13] A1</p> <p>[51] Int.Cl. 6A63B 21/06 [25] EN [54] TRAINING APPARATUS [54] EXERCISEUR [72] SVANBERG, JARL, SE [71] AGATON FITNESS AB, SE [85] 1999-07-08 [86] 1998-01-09 (PCT/SE98/00014) [87] 1998-07-16 (WO98/30286) [30] SE (9700057-4) 1997-01-10</p>
<p style="text-align: center;">[21] 2,277,212 [13] A1</p> <p>[51] Int.Cl. 6G09B 29/04 [25] EN [54] FOLD PATTERN [54] MOTIF DE PLIAGE [72] HUBER, FRANZ, DE [71] HUBER, FRANZ, DE [85] 1999-03-05 [86] 1997-09-04 (PCT/DE97/01949) [87] 1998-03-12 (WO98/10400) [30] DE (196 36 069.2) 1996-09-05 [30] DE (196 36 070.6) 1996-09-05 [30] DE (196 36 071.4) 1996-09-05</p>	<p style="text-align: center;">[21] 2,277,215 [13] A1</p> <p>[51] Int.Cl. 6B65D 83/16 [25] EN [54] ERGONOMIC SPRAY PACKAGE [54] FLACONS DE VAPORISATION ERGONOMIQUES [72] KOKENGE, EMILY KITCHINGS, US [72] MARASLIGILLER, ARES, US [72] LUND, MARK THOMAS, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 1999-07-08 [86] 1998-01-14 (PCT/US98/00708) [87] 1998-07-23 (WO98/31591) [30] US (08/784,488) 1997-01-17</p>	<p style="text-align: center;">[21] 2,277,218 [13] A1</p> <p>[51] Int.Cl. 6B01F 5/06 6D21B 1/34 [25] EN [54] MEDIUM CONSISTENCY LIQUID MIXER [54] MALAXEUR DE LIQUIDES DE CONSISTANCE MOYENNE [72] GALLAGHER, BRIAN J., US [72] BEDARD, MAURICE P., US [72] LaRIVIERE, CHRISTOPHER J., US [71] BELOIT TECHNOLOGIES, INC., US [85] 1999-07-08 [86] 1998-01-06 (PCT/US98/00100) [87] 1998-08-06 (WO98/33584) [30] US (08/792,548) 1997-01-31</p>

PCT Applications Entering the National Phase

[21] **2,277,219**
[13] A1
[51] **Int.Cl. 6H04Q 3/00**
[25] EN
[54] **PROCEDURE FOR THE PROCESSING OF AN UNEXPECTED DISCONNECT REQUEST**
[54] **PROCEDURE DE TRAITEMENT D'UNE DEMANDE DE COUPURE INATTENDUE**
[72] HEIKKILA, VESA, FI
[72] JUNTUNEN, TIMO, FI
[72] LIINAMAA, OLLI, FI
[71] NOKIA TELECOMMUNICATIONS OY, FI
[85] 1999-07-08
[86] 1998-01-26 (PCT/FI98/00073)
[87] 1998-08-06 (WO98/34418)
[30] FI (970477) 1997-02-04

[21] **2,277,220**
[13] A1
[51] **Int.Cl. 6A61K 9/20**
[25] EN
[54] **TABLET FOR THE CONTROLLED RELEASE OF ACTIVE AGENTS**
[54] **COMPRIME POUR LIBERATION REGULEE D'AGENTS ACTIFS**
[72] QUI, YIHONG, US
[72] TRIVEDI, JAY S., US
[72] GRAHAM, SHARON L., US
[72] FLOOD, KOLETTE M., US
[72] KRILL, STEVEN L., US
[71] ABBOTT LABORATORIES, US
[85] 1999-07-08
[86] 1997-12-18 (PCT/US97/23358)
[87] 1998-07-16 (WO98/30208)
[30] US (08/781,761) 1997-01-10

[21] **2,277,221**
[13] A1
[51] **Int.Cl. 6B41J 2/005**
[25] EN
[54] **MICROCHANNEL MARKING ENGINE**
[54] **MACHINE DE MARQUAGE PAR MICROCANAU**
[72] KUEHNLE, MANFRED R., US
[71] KUEHNLE, MANFRED R., US
[85] 1999-07-09
[86] 1997-11-19 (PCT/US97/21124)
[87] 1999-05-27 (WO99/25557)

[21] **2,277,222**
[13] A1
[51] **Int.Cl. 6A61K 39/395**
[25] EN
[54] **TREATMENT OF LUPUS NEPHRITIS WITH ANTI-CD40L COMPOUNDS**
[54] **TRAITEMENT DE LA NEPHROPATHIE LUPIQUE A L'AIDE DES COMPOSES ANTI-CD40L**
[72] KALLED, SUSAN L., US
[72] THOMAS, DAVID W., US
[71] BIOGEN, INC., US
[85] 1999-07-09
[86] 1997-12-31 (PCT/US97/23482)
[87] 1998-07-16 (WO98/30240)
[30] US (60/034,673) 1997-01-10

[21] **2,277,223**
[13] A1
[51] **Int.Cl. 6A61K 39/395**
[25] EN
[54] **METHODS OF THERAPEUTIC ADMINISTRATION OF ANTI-CD40L COMPOUNDS**
[54] **PROCEDES D'ADMINISTRATION THERAPEUTIQUE DE COMPOSES ANTI-CD40L**
[72] KALLED, SUSAN L., US
[72] THOMAS, DAVID W., US
[71] BIOGEN, INC., US
[85] 1999-07-09
[86] 1998-01-09 (PCT/US98/00573)
[87] 1998-07-16 (WO98/30241)
[30] US (60/034,672) 1997-01-10
[30] US (60/040,154) 1997-03-07

[21] **2,277,224**
[13] A1
[51] **Int.Cl. 6C08F 10/00 6C08F 4/609**
[25] EN
[54] **OLEFIN POLYMERIZATION CATALYST COMPOSITION HAVING INCREASED ACTIVITY**
[54] **COMPOSITION CATALYSEUR DESTINEE A LA POLYMERISATION D'OLEFINES ET DOTEE D'UNE ACTIVITE ACCRUE**
[72] PETERSON, THOMAS HENRY, US
[72] SISHTA, PURNA CHAND, US
[72] SCHRECK, DAVID JAMES, US
[72] OSKAM, JOHN HENRY, US
[72] WHITEKER, GREGORY TODD, US
[72] WENZEL, TIMOTHY TODD, US
[72] WILLIAMS, CLARK CURTIS, US
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US
[85] 1999-07-09
[86] 1998-01-08 (PCT/US98/00479)
[87] 1998-07-16 (WO98/30606)
[30] US (08/781,196) 1997-01-10

[21] **2,277,225**
[13] A1
[51] **Int.Cl. 6G01J 5/02 6A01K 43/00 6G01N 33/08**
[25] EN
[54] **METHOD AND APPARATUS FOR SELECTIVELY INJECTING POULTRY EGGS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MIRER DES OEUFS DE VOLAILLE**
[72] HEBRANK, JOHN, US
[72] DE PAUW, DANIEL, US
[71] EMBREX, INC., US
[85] 1999-07-09
[86] 1998-01-16 (PCT/US98/00830)
[87] 1998-07-23 (WO98/31995)
[30] US (08/785,689) 1997-01-17

Demandes PCT entrant en phase nationale

[21] **2,277,226**
[13] A1

[51] **Int.Cl. 6F26B 11/18 6A21B 1/00 6F26B 19/00 6F26B 25/00 6F27D 11/00 6A01J 13/00 6A23C 3/02 6A23C 15/04 6A01J 11/04 6F26B 25/10 6F24C 7/10 6A01J 15/14 6F26B 25/18 6A21B 1/22 6F26B 11/22 6A21B 1/52**

[25] EN
[54] **FOOD DEHYDRATOR**
[54] **DESHYDRATEUSE D'ALIMENTS**
[72] SANDAHL, JEFFREY E., US
[72] LEMON, BRYCE M., US
[72] DaROSA, JOAQUIM, US
[72] ERICKSON, CHAD S., US
[72] RIEDEL, RICHARD P., US
[72] DORNBUSH, DAVID A., US
[72] KNOLL, JOHN L., US
[72] IVERSON, TROY M., US
[71] NESCO/AMERICAN HARVEST CORP., US
[85] 1999-07-09
[86] 1998-01-10 (PCT/US98/00283)
[87] 1998-07-16 (WO98/30851)
[30] US (08/781,719) 1997-01-10

[21] **2,277,227**
[13] A1

[51] **Int.Cl. 6H01M 4/52 6H01M 10/30 6H01M 4/32 6H01M 10/34**

[25] EN
[54] **ENCLOSED ALKALI STORAGE BATTERY**
[54] **BATTERIE D'ACCUMULATEURS AUX ALCALIS BLINDEE**
[72] NOGAMI, MITSUZOU, JP
[72] SUZUKI, SYUICHI, JP
[72] TOKUDA, MITSUNORI, JP
[72] KIMOTO, MAMORU, JP
[72] YANO, MUTSUMI, JP
[72] NISHIO, KOJI, JP
[72] FUJITANI, SHIN, JP
[71] SANYO ELECTRIC CO., LTD., JP
[85] 1999-07-09
[86] 1998-01-12 (PCT/JP98/00098)
[87] 1998-08-06 (WO98/34290)
[30] JP (9/33126) 1997-01-30
[30] JP (9/247778) 1997-08-27
[30] JP (9/278118) 1997-09-24

[21] **2,277,228**
[13] A1

[51] **Int.Cl. 6B23K 13/02**

[25] EN
[54] **METHOD AND DEVICE FOR JOINING OILFIELD TUBULARS**
[54] **PROCEDE ET DISPOSITIF POUR RELIER DES ELEMENTS TUBULAIRES UTILISES DANS LES CHAMPS PETROLIFERES**
[72] BLIAULT, ALAN EDGAR JOHN, NL
[72] CUMMING, FRANCIS ALEXANDER, NZ
[72] LAWS, MARK SETH, NL
[71] SHELL CANADA LIMITED, CA
[85] 1999-07-09
[86] 1998-02-03 (PCT/EP98/00647)
[87] 1998-08-06 (WO98/33619)
[30] EP (97200304.0) 1997-02-04

[21] **2,277,230**
[13] A1

[51] **Int.Cl. 6A61K 31/70**

[25] EN
[54] **METHOD OF TREATING HERPES INFECTIONS**
[54] **PROCEDE DE TRAITEMENT D'INFECTIONS PAR L'HERPES**
[72] ACKERMAN, SAMUEL K., US
[72] BUDOWSKY, EDWARD L., US
[71] PENTOSE PHARMACEUTICALS, INC., US
[85] 1999-07-09
[86] 1998-01-15 (PCT/US98/00328)
[87] 1998-07-23 (WO98/31373)
[30] US (08/784,801) 1997-01-16

[21] **2,277,232**
[13] A1

[51] **Int.Cl. 6D06P 5/00 6B41M 5/00**

[25] EN
[54] **INK JET TRANSFER SYSTEMS, PROCESS FOR PRODUCING THE SAME AND THEIR USE IN A PRINTING PROCESS**
[54] **SYSTEMES DE TRANSFERT A JET D'ENCRE, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION DANS UN PROCEDE D'IMPRESSION**
[72] BAMBERG, ULF, DE
[72] STIBUREK, ILONA, CH
[72] KUMMER, PETER, CH
[71] OCÉ (SCHWEIZ) AG, CH
[85] 1999-07-09
[86] 1998-01-06 (PCT/IB98/00004)
[87] 1998-07-16 (WO98/30749)
[30] CH (49/97) 1997-01-10

[21] **2,277,266**
[13] A1

[51] **Int.Cl. 6C12N 15/54 6C12N 9/10 6C07K 16/40**

[25] EN
[54] **O-FUCOSYLTRANSFERASE**
[54] **O-FUCOSYLTRANSFERASE**
[72] WANG, YANG, US
[72] SPELLMAN, MICHAEL W., US
[71] GENENTECH, INC, US
[85] 1999-07-06
[86] 1997-12-17 (PCT/US97/23401)
[87] 1998-08-06 (WO98/33924)
[30] US (08/792,498) 1997-01-31
[30] US (08/978,741) 1997-11-26

[21] **2,277,267**
[13] A1

[51] **Int.Cl. 6A01M 7/00**

[25] EN
[54] **AGRICULTURAL CROP SPRAYING APPARATUS**
[54] **APPAREIL DE PULVERISATION AGRICOLE**
[72] KNIGHT, BRIAN GEORGE, GB
[71] KNIGHT, BRIAN GEORGE, GB
[85] 1999-07-12
[86] 1998-01-05 (PCT/GB98/00013)
[87] 1998-07-16 (WO98/30087)
[30] GB (9700571.4) 1997-01-13

[21] **2,277,268**
[13] A1

[51] **Int.Cl. 6H04Q 7/22**

[25] EN
[54] **A SYSTEM AND METHOD FOR ROUTING MESSAGES IN RADIOCOMMUNICATION SYSTEMS**
[54] **SYSTEME ET PROCEDE D'ACHEMINEMENT DES MESSAGES DANS DES SYSTEMES DE RADIOCOMMUNICATION**
[72] ASTROM, BO ARNE VALDEMAR, SE
[72] BODIN, ROLAND STIG, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-07-12
[86] 1998-01-09 (PCT/SE98/00015)
[87] 1998-07-23 (WO98/32300)
[30] US (08/779,642) 1997-01-15

PCT Applications Entering the National Phase

[21] **2,277,269**
[13] A1

[51] **Int.Cl. 6F17C 5/02 6F17C 7/00 6F17C 13/00**
[25] EN
[54] **PROCESS FOR TRANSFERRING LIQUEFIED GASES BETWEEN CONTAINERS**
[54] **PROCEDE DE TRANSFERT DE GAZ LIQUEFIES ENTRE DES CONTENEURS**
[72] IMOTO, MASAYOSHI, JP
[72] IDE, SATOSHI, JP
[72] SHIBANUMA, TAKASHI, JP
[71] DAIKIN INDUSTRIES, LTD., JP
[85] 1999-07-12
[86] 1998-01-08 (PCT/JP98/00044)
[87] 1998-07-16 (WO98/30833)
[30] JP (9/4366) 1997-01-14
[30] JP (9/235711) 1997-09-01

[21] **2,277,270**
[13] A1

[51] **Int.Cl. 6H04Q 7/38**
[25] EN
[54] **METHOD FOR PROVIDING A UNIQUE TEMPORARY IDENTIFICATION OF A MOBILE STATION**
[54] **PROCEDE POUR ATTRIBUER UNE IDENTIFICATION TEMPORAIRE UNIQUE A UNE STATION MOBILE**
[72] MONRAD, ALTE, NO
[72] GANGSOY, OLE JONNY, NO
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-07-12
[86] 1998-01-12 (PCT/IB98/00290)
[87] 1998-07-23 (WO98/32305)
[30] NO (970181) 1997-01-15

[21] **2,277,271**
[13] A1

[51] **Int.Cl. 6B01D 19/04 6C07C 43/11 6C07C 43/18 6C07C 43/20**
[25] EN
[54] **DEFOAMING COMPOSITIONS**
[54] **COMPOSITIONS ANTIMOUSSE**
[72] BROADBENT, RONALD W., US
[72] GROSS, STEPHEN F., US
[72] DEVORE, DAVID I., US
[72] WIGGINS, MICHAEL S., US
[71] HENKEL CORPORATION, US
[85] 1999-07-12
[86] 1998-01-12 (PCT/US98/00022)
[87] 1998-07-16 (WO98/30305)
[30] US (08/783,224) 1997-01-14
[30] US (08/923,868) 1997-09-04

[21] **2,277,272**
[13] A1

[51] **Int.Cl. 6G03C 7/413**
[25] EN
[54] **PHOTOGRAPHIC COLOR DEVELOPER REPLENISHING CONCENTRATES**
[54] **REGENERATEURS CONCENTRES DE DEVELOPPEMENT PHOTOGRAPHIQUE EN COULEURS**
[72] PAPAI, LASZLO, US
[71] TREBLA CHEMICAL COMPANY, US
[85] 1999-07-12
[86] 1998-01-29 (PCT/US98/01620)
[87] 1999-06-24 (WO99/31551)
[30] US (08/991,591) 1997-12-15

[21] **2,277,273**
[13] A1

[51] **Int.Cl. 6A61K 31/18 6C07C 63/00 6C07C 307/06 6C07C 307/08 6C07D 217/08 6C07D 239/08 6C07C 307/10 6A61K 31/19 6A61K 31/195 6C07D 209/40 6A61K 31/405 6A61K 31/415 6C07D 239/42 6A61K 31/425 6A61K 31/435 6C07D 233/44 6A61K 31/44 6A61K 31/47 6C07D 233/88 6C07D 213/89**
[25] EN
[54] **INTEGRIN ANTAGONISTS**
[54] **ANTAGONISTES D'INTEGRINE**
[72] DUGGAN, MARK E., US
[71] MERCK & CO., INC., US
[85] 1999-07-12
[86] 1998-01-13 (PCT/US98/00617)
[87] 1998-07-23 (WO98/31359)
[30] US (60/035,614) 1997-01-17
[30] GB (9702788.2) 1997-02-11
[30] US (60/062,594) 1997-10-20
[30] GB (9725996.4) 1997-12-09

[21] **2,277,274**
[13] A1

[51] **Int.Cl. 6C07H 17/08 6A61K 31/70**
[25] EN
[54] **CRYSTAL FORM 0 OF CLARITHROMYCIN**
[54] **FORME CRYSTALLINE 0 DE CLARITHROMYCINE**
[72] SPANTON, STEPHEN G., US
[72] LIU, JIH-HUA, US
[72] HENRY, RODGER F., US
[72] RILEY, DAVID A., US
[71] ABBOTT LABORATORIES, US
[85] 1999-07-12
[86] 1997-12-19 (PCT/US97/23607)
[87] 1998-07-23 (WO98/31699)
[30] US (08/785,623) 1997-01-17

[21] **2,277,275**
[13] A1

[51] **Int.Cl. 6H04M 3/50**
[25] EN
[54] **TELEPHONE EXCHANGE CENTRAL TELEPHONIQUE**
[72] MARTUCCI, GIUSEPPE, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 1999-07-12
[86] 1998-01-06 (PCT/GB98/00018)
[87] 1998-07-23 (WO98/32271)
[30] EP (97300214.0) 1997-01-15

[21] **2,277,276**
[13] A1

[51] **Int.Cl. 6G06K 9/00**
[25] EN
[54] **SECURITY APPARATUS AND METHOD**
[54] **DISPOSITIF DE SECURITE ET PROCEDE ASSOCIE**
[72] McCARTNEY, DAVID JOHN, GB
[72] GIFFORD, MAURICE MERRICK, GB
[72] SEAL, CHRISTOPHER HENRY, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 1999-07-12
[86] 1998-01-19 (PCT/GB98/00154)
[87] 1998-07-23 (WO98/32093)
[30] EP (97300328.8) 1997-01-17

[21] **2,277,278**
[13] A1

[51] **Int.Cl. 6C12N 5/00 6C12N 15/00 6C12N 5/02 6C12N 5/06 6C12N 5/08 6C12N 5/10 6C12N 1/38**
[25] EN
[54] **EMBRYONIC STEM CELL SERUM REPLACEMENT**
[54] **SUBSTITUT DE SERUM POUR CELLULES SOUCHES EMBRYONNAIRES**
[72] PRICE, PAUL J., US
[72] GOLDSBOROUGH, MINDY D., US
[72] TILKINS, MARY LYNN, US
[71] LIFE TECHNOLOGIES, INC., US
[85] 1999-07-12
[86] 1998-01-09 (PCT/US98/00467)
[87] 1998-07-16 (WO98/30679)
[30] US (08/781,772) 1997-01-10

Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] 2,277,279 [13] A1</p> <p>[51] Int.Cl. 6C12P 11/00 6C12P 7/22 [25] EN [54] INTERMEDIATE PRODUCT FOR PREPARATION OF LIGNIN POLYMERS AND USE THEREOF FOR PRODUCTION OF WOOD MATERIALS [54] PRODUIT INTERMEDIAIRE POUR PREPARATION DE POLYMERES DE LIGNINE ET UTILISATION DE CE PRODUIT POUR LA PRODUCTION DE MATERIAUX LIGNEUX [72] NIKU-PAAVOLA, MARJA-LEENA, FI [72] HASE, ANNELI, FI [72] QVINTUS-LEINO, PIA, FI [72] VIIKARI, LIISA, FI [71] NESTE CHEMICALS OY, FI [85] 1999-07-12 [86] 1998-01-14 (PCT/FI98/00021) [87] 1998-07-23 (WO98/31825) [30] DE (197 00 907.7) 1997-01-14</p>	<p style="text-align: center;">[21] 2,277,281 [13] A1</p> <p>[51] Int.Cl. 6C09J 197/02 6D21J 1/00 [25] EN [54] ADHESIVES FOR FIBER BOARDS AND A PROCESS FOR THE PREPARATION THEREOF [54] ADHESIF POUR PANNEAUX DE FIBRES ET PROCEDE DE PREPARATION DE CET ADHESIF [72] VIIKARI, LIISA, FI [72] QVINTUS-LEINO, PIA, FI [72] NIKU-PAAVOLA, MARJA-LEENA, FI [72] GÄDDA, LARS, FI [72] TUOMINEN, SIMO, FI [71] NESTE CHEMICALS OY, FI [85] 1999-07-12 [86] 1998-01-14 (PCT/FI98/00023) [87] 1998-07-23 (WO98/31761) [30] FI (970157) 1997-01-14</p>	<p style="text-align: center;">[21] 2,277,284 [13] A1</p> <p>[51] Int.Cl. 6B66B 11/08 [25] EN [54] ELEVATOR DRIVE MACHINE [54] MECANISME D'ENTRAINEMENT POUR ASCENSEUR [72] PAJALA, TAUNO, FI [72] AULANKO, ESKO, FI [72] MUSTALAHTI, JORMA, FI [72] HAKALA, HARRI, FI [71] KONE CORPORATION, FI [85] 1999-07-12 [86] 1998-01-22 (PCT/FI98/00059) [87] 1998-07-30 (WO98/32684) [30] FI (970283) 1997-01-23</p>
<p style="text-align: center;">[21] 2,277,280 [13] A1</p> <p>[51] Int.Cl. 6C09F 1/04 6C09D 11/08 [25] EN [54] PROCESS FOR MAKING SELF-GELLED RESIN SOLUTION FOR INK FORMULATIONS [54] PROCEDE DE FABRICATION DE SOLUTIONS DE RESINES AUTOGELIFIEES DESTINEES A DES FORMULATIONS D'ENCRE [72] WILLIAMS, THEODORE J., US [72] LU, ZHENG, US [71] ARIZONA CHEMICAL COMPANY, US [85] 1999-07-12 [86] 1998-01-12 (PCT/US98/00381) [87] 1998-07-16 (WO98/30597) [30] US (08/784,733) 1997-01-13</p>	<p style="text-align: center;">[21] 2,277,282 [13] A1</p> <p>[51] Int.Cl. 6A61K 45/05 6A61K 38/00 6C07K 1/00 6A61K 38/19 6C07K 14/52 [25] EN [54] OBESITY PROTEIN FORMULATIONS [54] COMPOSITION A BASE DE PROTEINES DE L'OBESITE [72] RINELLA, JOSEPH VINCENT JR., US [71] ELI LILLY AND COMPANY, US [85] 1999-07-12 [86] 1998-01-16 (PCT/US98/00816) [71] 1998-07-23 (WO98/31390) [30] US (60/035,715) 1997-01-17 [30] US (60/054,969) 1997-08-07 [30] US (60/065,352) 1997-11-12</p>	<p style="text-align: center;">[21] 2,277,285 [13] A1</p> <p>[51] Int.Cl. 6C09J 197/02 6D21J 1/00 [25] EN [54] LIGNIN-BASED ADHESIVES AND A PROCESS FOR THE PREPARATION THEREOF [54] ADHESIFS A BASE DE LIGNINE ET PROCEDE DE FABRICATION [72] TUOMINEN, SIMO, FI [72] GÄDDA, LARS, FI [72] VIIKARI, LIISA, FI [72] HASE, ANNELI, FI [72] KATAJA, KIRSI, FI [72] QVINTUS-LEINO, PIA, FI [71] NESTE CHEMICALS OY, FI [85] 1999-07-12 [86] 1998-01-14 (PCT/FI98/00025) [87] 1998-07-23 (WO98/31763) [30] FI (970159) 1997-01-14</p>
<p style="text-align: center;">[21] 2,277,283 [13] A1</p> <p>[51] Int.Cl. 6A43B 13/14 6A43B 21/26 6A43B 13/36 6A43B 21/42 [25] EN [54] SHOE SOLE WITH REMOVAL INSERT [54] SEMELLE DE CHAUSSURE AVEC ELEMENT D'INSERTION AMOVIBLE [72] BURKE, ROBERT, CA [72] FRANCOVICH, WALTER, CA [72] BROUSSEAU, IVAN, CA [72] SHAANAN, GAD, CA [72] RUSSELL, JAMES, CA [71] BATA LIMITED, CA [85] 1999-07-12 [86] 1998-01-13 (PCT/CA98/00021) [87] 1998-07-16 (WO98/30120) [30] US (08/783,830) 1997-01-13</p>	<p style="text-align: center;">[21] 2,277,286 [13] A1</p> <p>[51] Int.Cl. 6C09J 197/02 6D21J 1/00 [25] EN [54] LIGNIN-BASED ADHESIVES FOR PARTICLE BOARD MANUFACTURE [54] ADHESIFS A BASE DE LIGNINE POUR LA FABRICATION DE PANNEAUX DE PARTICULES [72] HASE, ANNELI, FI [72] QVINTUS-LEINO, PIA, FI [72] VIIKARI, LIISA, FI [72] KATAJA, KIRSI, FI [72] TUOMINEN, SIMO, FI [72] GÄDDA, LARS, FI [71] NESTE CHEMICALS OY, FI [85] 1999-07-12 [86] 1998-01-14 (PCT/FI98/00026) [87] 1998-07-23 (WO98/31764) [30] FI (970160) 1997-01-14</p>	<p style="text-align: center;">[21] 2,277,286 [13] A1</p> <p>[51] Int.Cl. 6C09J 197/02 6D21J 1/00 [25] EN [54] LIGNIN-BASED ADHESIVES FOR PARTICLE BOARD MANUFACTURE [54] ADHESIFS A BASE DE LIGNINE POUR LA FABRICATION DE PANNEAUX DE PARTICULES [72] HASE, ANNELI, FI [72] QVINTUS-LEINO, PIA, FI [72] VIIKARI, LIISA, FI [72] KATAJA, KIRSI, FI [72] TUOMINEN, SIMO, FI [72] GÄDDA, LARS, FI [71] NESTE CHEMICALS OY, FI [85] 1999-07-12 [86] 1998-01-14 (PCT/FI98/00026) [87] 1998-07-23 (WO98/31764) [30] FI (970160) 1997-01-14</p>

PCT Applications Entering the National Phase

[21] **2,277,289**
[13] A1

[51] **Int.Cl. 6C10G 35/095 6C23C 26/00 6B01J 8/00 6B01J 19/02 6B01J 29/62**
[25] EN
[54] **REFORMING PROCESS WITH CATALYST PRETREATMENT**
[54] **PROCEDE DE REFORMAGE IMPLIQUANT UN PRETRAITEMENT DU CATALYSEUR**
[72] WILSON, CHARLES R., US
[72] HOLTERMANN, DENNIS L., US
[71] CHEVRON CHEMICAL COMPANY LLC, US
[85] 1999-07-08
[86] 1997-11-19 (PCT/US97/21486)
[87] 1998-07-16 (WO98/30657)
[30] US (08/781,433) 1997-01-10

[21] **2,277,290**
[13] A1

[51] **Int.Cl. 6G06T 3/00**
[25] EN
[54] **COMPUTER DETECTION OF MICROCALCIFICATIONS IN MAMMOGRAMS**
[54] **DETECTION INFORMATISEE DE MICROCALCIFICATIONS DANS DES MAMMOGRAMMES**
[72] COLOMB, DENIS G., US
[71] VISUAL SCIENCE CORPORATION, US
[85] 1999-07-08
[86] 1997-12-30 (PCT/US97/24105)
[87] 1998-07-16 (WO98/30973)
[30] US (08/780,756) 1997-01-08

[21] **2,277,292**
[13] A1

[51] **Int.Cl. 6C07C 2/04 6C08F 2/00 6C07C 2/10 6C07C 2/12 6C07C 2/14 6C07C 2/16 6C07C 2/18 6C07C 2/20**
[25] EN
[54] **SOLID ACIDS AS CATALYSTS FOR THE PREPARATION OF HYDROCARBON RESINS**
[54] **ACIDES SOLIDES UTILISES COMME CATALYSEURS POUR LA PREPARATION DE RESINES D'HYDROCARBURE**
[72] BABCOCK, LAURA M., US
[72] MORRELL, DENNIS G., US
[71] HERCULES INCORPORATED, US
[85] 1999-07-08
[86] 1998-01-07 (PCT/US98/00009)
[87] 1998-07-16 (WO98/30519)
[30] US (60/035,217) 1997-01-08
[30] US (60/034,579) 1997-01-09
[30] US (60/035,797) 1997-01-10

[21] **2,277,294**
[13] A1

[51] **Int.Cl. 6C07C 2/04 6C08F 2/00 6C08F 4/06 6C07C 2/22**
[25] EN
[54] **METAL HALIDE SOLID ACIDS AND SUPPORTED METAL HALIDES AS CATALYSTS FOR THE PREPARATION OF HYDROCARBON RESINS**
[54] **ACIDES SOLIDES D'HALOGENURES DE METAUX ET HALOGENURES DE METAUX SUR SUPPORT, UTILISES EN TANT QUE CATALYSEURS SERVANT A LA PREPARATION DE RESINES D'HYDROCARBURE**
[72] MORRELL, DENNIS G., US
[72] BABCOCK, LAURA M., US
[71] HERCULES INCORPORATED, US
[85] 1999-07-08
[86] 1998-01-07 (PCT/US98/00012)
[87] 1998-07-16 (WO98/30587)
[30] US (60/035,217) 1997-01-08
[30] US (60/034,579) 1997-01-09
[30] US (60/035,797) 1997-01-10

[21] **2,277,295**
[13] A1

[51] **Int.Cl. 6C07C 2/04 6C08F 4/06 6C07C 2/10 6C07C 2/12 6C07C 2/14**
[25] EN
[54] **METAL OXIDE SOLID ACIDS AS CATALYSTS FOR THE PREPARATION OF HYDROCARBON RESINS**
[54] **ACIDES SOLIDES D'OXYDES DE METAUX UTILISES COMME CATALYSEURS POUR LA PREPARATION DE RESINES D'HYDROCARBURE**
[72] BABCOCK, LAURA M., US
[72] MORRELL, DENNIS G., US
[72] KOSTAS, JOHN N., US
[72] BELL, ANDREW, US
[71] HERCULES INCORPORATED, US
[85] 1999-07-08
[86] 1998-01-07 (PCT/US98/00010)
[87] 1998-07-16 (WO98/30520)
[30] US (60/035,217) 1997-01-08
[30] US (60/034,579) 1997-01-09
[30] US (60/035,797) 1997-01-10

[21] **2,277,297**
[13] A1

[51] **Int.Cl. 6C07C 2/04 6C08F 2/00 6C07C 2/06 6C07C 2/26 6C07C 2/28**
[25] EN
[54] **FLUORINATED SOLID ACIDS AS CATALYSTS FOR THE PREPARATION OF HYDROCARBON RESINS**
[54] **ACIDES SOLIDES FLUORES UTILISES EN TANT QUE CATALYSEURS SERVANT A LA PREPARATION DE RESINES D'HYDROCARBURE**
[72] MORRELL, DENNIS G., US
[72] KOSTAS, JOHN N., US
[72] BABCOCK, LAURA M., US
[72] BELL, ANDREW, US
[71] HERCULES INCORPORATED, US
[85] 1999-07-08
[86] 1998-01-07 (PCT/US98/00011)
[87] 1998-07-16 (WO98/30521)
[30] US (60/035,217) 1997-01-08
[30] US (60/034,579) 1997-01-09
[30] US (60/035,797) 1997-01-10

[21] **2,277,298**
[13] A1

[51] **Int.Cl. 6C11D 1/72 6C11D 3/37**
[25] EN
[54] **WAREWASHING SYSTEM CONTAINING NONIONIC SURFACTANT THAT PERFORMS BOTH A CLEANING AND SHEETING FUNCTION AND A METHOD OF WAREWASHING**
[54] **SYSTEME POUR LE LAVAGE DE LA VAISSELLE OU D'OBJETS ANALOGUES CONTENANT UN TENSIOACTIF NON IONIQUE AYANT LA FOIS UNE FONCTION DE NETTOYAGE DE LA VAISSELLE ET UNE FONCTION D'ETALEMENT DE L'EAU DE RINCAGE, ET PROCEDE DE LAVAGE DE LA VAISSELLE OU D'OBJETS ANALOGUES**
[72] ROLANDO, JOHN J., US
[72] KLOS, TERRY J., US
[71] ECOLAB INC., US
[85] 1999-07-08
[86] 1997-10-21 (PCT/US97/18691)
[87] 1998-07-30 (WO98/32823)
[30] US (08/785,411) 1997-01-23

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[21] **2,277,300**
[13] A1

[51] **Int.Cl. 6B65D 33/25 6A44B 19/16**
[25] EN
[54] **CLOSURE ARRANGEMENT FOR RECLOSABLE BAG**
[54] **DISPOSITIF DE FERMETURE POUR SAC REFERMABLE**
[72] TOMIC, MLADOMIR, US
[72] MAY, TIMOTHY J., US
[71] REYNOLDS CONSUMER PRODUCTS, INC., US
[85] 1999-07-08
[86] 1997-12-05 (PCT/US97/22126)
[87] 1998-07-23 (WO98/31597)
[30] US (08/786,511) 1997-01-21

[21] **2,277,301**
[13] A1

[51] **Int.Cl. 6B05B 11/00 6B65D 47/34**
[25] EN
[54] **DUAL COMPARTMENT PACKAGE AND PUMPS**
[54] **EMBALLAGE A DOUBLE COMPARTIMENTS ET POMPES**
[72] LATHROP, GREGORY ALAN, US
[72] MARKEY, KEVIN JOSEPH, US
[72] GERHART, MARK DOUGLAS, US
[71] UNILEVER PLC, GB
[85] 1999-07-08
[86] 1997-12-24 (PCT/EP97/07331)
[87] 1998-07-16 (WO98/30332)
[30] US (08/780671) 1997-01-10

[21] **2,277,302**
[13] A1

[51] **Int.Cl. 6C11D 3/00 6C11D 1/12 6C11D 3/16**
[25] EN
[54] **FABRIC TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE TRAITEMENT DE TISSUS**
[72] SAHOTA, JAGSHINDER KAUR, GB
[72] FINCH, TIMOTHY DAVID, GB
[71] UNILEVER PLC, GB
[85] 1999-07-08
[86] 1997-12-22 (PCT/EP97/07289)
[87] 1998-07-16 (WO98/30663)
[30] EP (97300123.3) 1997-01-10

[21] **2,277,303**
[13] A1

[51] **Int.Cl. 6H01M 4/38 6H01M 4/80**
[25] EN
[54] **HIGH POWER NICKEL-METAL HYDRIDE BATTERIES AND HIGH POWER ELECTRODES FOR USE THEREIN**
[54] **BATTERIES HYBRIDES NICKEL-METAL HAUTE PUISSANCE ET ELECTRODES HAUTE PUISSANCE UTILISEES**
[72] PRASAD, BINAY, US
[72] VENKATESAN, SRINIVASAN, US
[72] REICHMAN, BENJAMIN, US
[72] OVSHINSKY, STANFORD R., US
[72] CORRIGAN, DENNIS A., US
[71] OVONIC BATTERY COMPANY, INC., US
[85] 1999-07-08
[86] 1998-01-29 (PCT/US98/01944)
[87] 1998-08-06 (WO98/34288)
[30] US (792,358) 1997-01-31

[21] **2,277,304**
[13] A1

[51] **Int.Cl. 6A61B 17/04**
[25] EN
[54] **FERRULED LOOP SURGICAL FASTENERS, INSTRUMENTS, AND METHODS FOR MINIMALLY INVASIVE VASCULAR AND ENDOSCOPIC SURGERY**
[54] **ATTACHES CHIRURGICALES DE TYPE BOUCLE A VIROLE, INSTRUMENTS ET PROCEDES DE CHIRURGIE ENDOSCOPIQUE ET VASCULAIRE A INVASION MINIME**
[72] PHIPPS, RICHARD D., US
[72] MCDONALD, PAUL T., US
[72] GARDINER, BARRY N., US
[71] COALESCENT SURGICAL, INC., US
[85] 1999-07-08
[86] 1998-01-07 (PCT/US98/00138)
[87] 1998-07-16 (WO98/30151)
[30] US (08/781,577) 1997-01-09

[21] **2,277,305**
[13] A1

[51] **Int.Cl. 6C08G 69/10 6C08G 73/06**
[25] EN
[54] **PRODUCTION OF SOLID POLYASPARTATE SALT**
[54] **PRODUCTION D'UN SEL DE POLYASPARTATE SOLIDE**
[72] MARTIN, DAVID A., US
[71] SOLUTIA INC., US
[85] 1999-07-08
[86] 1998-02-09 (PCT/US98/02507)
[87] 1998-08-13 (WO98/34976)
[30] US (08/796,642) 1997-02-07

[21] **2,277,306**
[13] A1

[51] **Int.Cl. 6G01N 33/52 6C12Q 1/26**
[25] EN
[54] **METHOD FOR APPLYING A REAGENT TO AN ANALYTICAL TEST DEVICE**
[54] **PROCEDE D'APPLICATION D'UN REACTIF A UN DISPOSITIF D'ESSAI ANALYTIQUE**
[72] DOUGLAS, JOEL S., US
[72] GLEISNER, JOHN M., US
[71] MERCURY DIAGNOSTICS, INC., US
[85] 1999-07-08
[86] 1998-01-08 (PCT/US98/00477)
[87] 1998-07-16 (WO98/30904)
[30] US (60/034,668) 1997-01-09

[21] **2,277,307**
[13] A1

[51] **Int.Cl. 6B08B 13/00**
[25] EN
[54] **PARTS WASHING APPARATUS WITH CENTRIFUGAL FILTER**
[54] **APPAREIL DE LAVAGE DE PIECES DETACHEES, MUNI D'UN FILTRE CENTRIFUGE**
[72] MAGLIOCCA, CHARLES THOMAS, US
[71] MAGLIOCCA, CHARLES THOMAS, US
[85] 1999-07-08
[86] 1998-01-15 (PCT/US98/00809)
[87] 1998-07-23 (WO98/31480)
[30] US (08/783,692) 1997-01-15

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<p style="text-align: right;">[21] 2,277,308 [13] A1</p> <p>[51] Int.Cl. 6G06K 9/00 [25] EN [54] INTELLIGENT HYPERSENSOR PROCESSING SYSTEM (IHPS) [54] SYSTEME INTELLIGENT DE TRAITEMENT A HYPERDETECTEURS (IHPS) [72] PALMADESSO, PETER J., US [72] ANTONIADES, JOHN A., US [71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US [85] 1999-07-08 [86] 1997-04-21 (PCT/US97/06795) [87] 1998-01-22 (WO98/02842) [30] US (08/679,085) 1996-07-12</p>	<p style="text-align: right;">[21] 2,277,311 [13] A1</p> <p>[51] Int.Cl. 6G02F 1/1333 6H04Q 11/00 6G02F 1/31 [25] EN [54] WEDGE-SHAPED LIQUID-CRYSTAL CELL [54] CELLULE A CRISTAL LIQUIDE EN FORME DE COIN [72] PATEL, JAYANTILAL, US [71] TELLUM, INC., US [85] 1999-07-08 [86] 1998-01-08 (PCT/US98/00476) [87] 1998-07-16 (WO98/30931) [30] US (08/780,925) 1997-01-09</p>	<p style="text-align: right;">[21] 2,277,327 [13] A1</p> <p>[51] Int.Cl. 6A61C 5/00 [25] EN [54] STABLE LIGHT OR HEAT ACTIVATED DENTAL BLEACHING COMPOSITIONS [54] COMPOSITIONS STABLES PHOTO- OU THERMO-ACTIVEES POUR LE BLANCHIMENT DES DENTS [72] FISCHER, DAN E., US [72] JENSEN, STEVEN D., US [71] ULTRADENT PRODUCTS, INC., US [85] 1999-07-08 [86] 1997-10-10 (PCT/US97/18352) [87] 1998-07-16 (WO98/30169) [30] US (08/781,662) 1997-01-10</p>
<p style="text-align: right;">[21] 2,277,309 [13] A1</p> <p>[51] Int.Cl. 6C08G 18/42 6C08G 63/02 6C08G 63/08 6C08G 63/664 6C08G 63/78 [25] EN [54] POLYURETHANE CRYSTALLINE THERMOPLASTIC AND METHOD FOR THE PRODUCTION THEREOF [54] PRODUIT THERMOPLASTIQUE DE POLYURETHANE CRISTALLIN ET PROCEDE DE FABRICATION DE CE PRODUIT [72] JULIA BARGÉS, JOAQUIM, ES [72] AYUSO PIQUERAS, JOSE LUIS, ES [71] MERQUINSA MERCADOS QUIMICOS S.L., ES [85] 1999-07-08 [86] 1998-11-18 (PCT/ES98/00313) [87] 1999-06-03 (WO99/26993) [30] ES (P 9702425) 1997-11-20</p>	<p style="text-align: right;">[21] 2,277,312 [13] A1</p> <p>[51] Int.Cl. 6G09G 1/06 6G09G 5/00 [25] EN [54] ALIGNMENT OF CATHODE RAY TUBE DISPLAYS USING A VIDEO GRAPHICS CONTROLLER [54] ALIGNEMENT DES AFFICHAGES DE TUBES A RAYONS CATHODIQUES A L'AIDE DE CONTROLEURS DE GRAPHIQUES VIDEO [72] WEBB, JAMES R., US [72] SIMPSON, RON C., US [71] DISPLAY LABORATORIES, INC., US [85] 1999-07-08 [86] 1997-12-05 (PCT/US97/22384) [87] 1998-07-23 (WO98/32277) [30] US (60/038,771) 1997-01-16 [30] US (08/936,675) 1997-09-24</p>	<p style="text-align: right;">[21] 2,277,328 [13] A1</p> <p>[51] Int.Cl. 6A61B 5/103 [25] EN [54] TISSUE EXAMINATION [54] SYSTEME D'EXAMEN DE TISSUS [72] WIDDER, DAVID RAYMOND, US [72] WEST, ALAN I., US [72] CUNDARI, MICHAEL ANTHONY, US [72] ROBERTS, TROY WILLIAM, US [72] NOBLE, BRIAN DAVID, US [71] ASSURANCE MEDICAL, INC., US [85] 1999-07-08 [86] 1998-01-12 (PCT/US98/00377) [87] 1998-07-23 (WO98/31283) [30] US (08/782,442) 1997-01-17</p>
<p style="text-align: right;">[21] 2,277,310 [13] A1</p> <p>[51] Int.Cl. 6E21C 35/193 [25] EN [54] CUTTING TOOLHOLDER RETENTION SYSTEM [54] DISPOSITIF DE MAINTIEN DE PORTE-OUTIL DE COUPE D'EXCAVATION [72] MASSA, TED R., US [72] VANKIRK, JOHN S., US [71] KENNAMETAL INC., US [85] 1999-07-08 [86] 1998-01-26 (PCT/US98/01431) [87] 1998-08-06 (WO98/34011) [30] US (08/794,582) 1997-02-03</p>	<p style="text-align: right;">[21] 2,277,325 [13] A1</p> <p>[51] Int.Cl. 6B25C 1/04 [25] EN [54] QUICK EXHAUST REMOTE TRIGGER VALVE FOR FASTENER DRIVING TOOL [54] SOUPAPE A DECLENCHEMENT A DISTANCE ET A ECHAPPEMENT RAPIDE DESTINEE A UN PISTOLET A ATTACHES [72] BRAUN, PHILLIP M., US [72] SMITH, DAVID, US [71] STANLEY FASTENING SYSTEMS, L.P., US [85] 1999-07-06 [86] 1998-01-06 (PCT/US98/00007) [87] 1998-07-16 (WO98/30364) [30] US (08/777,015) 1997-01-07</p>	<p style="text-align: right;">[21] 2,277,329 [13] A1</p> <p>[51] Int.Cl. 6F26B 3/00 6F26B 19/00 6F26B 21/00 6F26B 25/00 6A43D 85/00 6D06F 58/00 6G21G 5/00 6A61N 5/00 6F26B 11/02 6A45D 29/05 6F26B 25/06 6B67D 5/06 6A45D 29/18 6B26B 13/22 6B67D 5/64 [25] EN [54] FOOT DRYER APPARATUS AND METHOD OF DRYING FEET [54] SECHE-PIEDS ET PROCEDE DE SECHAGE DES PIEDS [72] LANCER, HAROLD, US [71] LANCER, HAROLD, US [85] 1999-07-08 [86] 1997-12-22 (PCT/US97/24010) [87] 1998-07-16 (WO98/30850) [30] US (08/781,649) 1997-01-10</p>

Demandes PCT entrant en phase nationale

[21] **2,277,330**
[13] A1

[51] **Int.Cl. 6G06F 11/00**
[25] EN
[54] **POLYMORPHIC VIRUS
DETECTION MODULE**
[54] **MODULE DE DETECTION DE
VIRUS POLYMORPHES**
[72] NACHENBERG, CAREY S., US
[71] SYMANTEC CORPORATION, US
[85] 1999-07-08
[86] 1998-01-05 (PCT/US98/08897)
[87] 1998-07-16 (WO98/30957)
[30] US (08/780,985) 1997-01-08

[21] **2,277,332**
[13] A1

[51] **Int.Cl. 6G02B 6/16 6G02B 6/22**
[25] EN
[54] **DISPERSION FLAT OPTICAL
FIBER**
[54] **FIBRE OPTIQUE A DISPERSION
PLATE**
[72] NISHIMURA, MASAYUKI, JP
[72] SASAOKA, EISUKE, JP
[72] HATAYAMA, HITOSHI, JP
[72] KATO, TAKATOSHI, JP
[71] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[85] 1999-07-08
[86] 1998-07-29 (PCT/JP98/03383)
[87] 1999-06-17 (WO99/30193)
[30] JP (9/335646) 1997-12-05
[30] JP (9/353153) 1997-12-22
[30] JP (10/40276) 1998-02-23

[21] **2,277,333**
[13] A1

[51] **Int.Cl. 6C07D 307/24 6A61K 31/34**
[25] EN
[54] **TETRAHYDROFURAN
DERIVATIVES**
[54] **DERIVES DE
TETRAHYDROFURANNE**
[72] IKAI, KATSUSHIGE, JP
[72] KOYAMA, NOBUTO, JP
[72] MURAKI, NOBUKO, JP
[72] KATO, IKUNOSHIN, JP
[72] OKUDA, SHINJI, JP
[72] SAGAWA, HIROAKI, JP
[71] TAKARA SHUZO CO., LTD., JP
[85] 1999-07-08
[86] 1998-01-19 (PCT/JP98/00190)
[87] 1998-07-30 (WO98/32749)
[30] JP (9/25755) 1997-01-27
[30] JP (9/146067) 1997-05-21

[21] **2,277,334**
[13] A1

[51] **Int.Cl. 6G09G 1/04**
[25] EN
[54] **DETECTING HORIZONTAL
BLANKING TIME IN CATHODE RAY
TUBE DEVICES**
[54] **DETECTION DES TEMPS DE
SUPPRESSION HORIZONTAUX DANS
DES TUBES CATHODIQUES**
[72] SIMPSON, RON C., US
[72] WEBB, JAMES R., US
[71] DISPLAY LABORATORIES, INC., US
[85] 1999-07-08
[86] 1997-12-05 (PCT/US97/22375)
[87] 1998-07-23 (WO98/32276)
[30] US (60/036,577) 1997-01-16
[30] US (08/908,859) 1997-08-08

[21] **2,277,335**
[13] A1

[51] **Int.Cl. 6G09G 1/08**
[25] EN
[54] **AUTOMATIC ALIGNMENT OF
CATHODE RAY TUBE VIDEO
DISPLAYS IN LOCAL MAGNETIC
FIELDS**
[54] **CALAGE AUTOMATIQUE
D'AFFICHAGES VIDEO DES TUBES
CATHODIQUES DANS DES CHAMPS
MAGNETIQUES LOCALISES**
[72] WEBB, JAMES R., US
[72] SIMPSON, RON C., US
[71] DISPLAY LABORATORIES, INC., US
[85] 1999-07-08
[86] 1997-12-05 (PCT/US97/22385)
[87] 1998-07-23 (WO98/32278)
[30] US (60/035,393) 1997-01-16
[30] US (08/908,623) 1997-08-08

[21] **2,277,336**
[13] A1

[51] **Int.Cl. 6C23C 22/12 6C01B 21/14
6C23C 22/36**
[25] EN
[54] **HYDROXYLAMINE STABILIZERS
IN COPPER-CONTAINING
PHOSPHATING SOLUTIONS**
[54] **AGENTS STABILISANTS POUR
L'HYDROXYLAMINE DANS DES
SOLUTIONS DE PHOSPHATATION
CONTENANT DU CUIVRE**
[72] MAYER, BERND, DE
[72] GEKE, JUERGEN, DE
[72] BROUWER, JAN-WILLEM, DE
[72] KLEINE-BLEY, FRANK, DE
[72] KUHM, PETER, DE
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[85] 1999-07-08
[86] 1997-12-19 (PCT/EP97/07185)
[87] 1998-07-16 (WO98/30732)
[30] DE (197 00 326.5) 1997-01-08

[21] **2,277,362**
[13] A1

[51] **Int.Cl. 6A61K 39/385 6A61K 45/05
6A61K 39/395**
[25] EN
[54] **SUBSTITUTED
PERYLENEQUINONES FOR USE IN
PHOTODYNAMIC THERAPY**
[54] **PERYLENEQUINONES
SUBSTITUEES DESTINEES A LA
THERAPIE PHOTODYNAMIQUE**
[72] MILLER, GERALD G., CA
[72] MOORE, RONALD B., CA
[72] DIWU, ZHENJUN, US
[72] MADIYALAKAN, RAGUPATHY, CA
[72] LOWN, J. WILLIAM, CA
[71] ALTAREX CORP., CA
[71] THE UNIVERSITY OF ALBERTA, CA
[85] 1999-07-09
[86] 1998-01-09 (PCT/US98/00235)
[87] 1998-08-06 (WO98/33470)
[30] US (08/782,048) 1997-01-10

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,277,363 [13] A1</p> <p>[51] Int.Cl. 6D21J 1/00 6D21C 9/00 [25] EN [54] PROCESS FOR PREPARING FIBER BOARDS [54] PROCEDE DE PREPARATION DE PANNEAUX DE FIBRES [72] NIKU-PAAVOLA, MARJA-LEENA, FI [72] TUOMINEN, SIMO, FI [72] VIIKARI, LIISA, FI [72] GÄDDA, LARS, FI [72] QVINTUS-LEINO, PIA, FI [71] NESTE CHEMICALS OY, FI [85] 1999-07-12 [86] 1998-01-14 (PCT/FI98/00022) [87] 1998-07-23 (WO98/31875) [30] FI (970156) 1997-01-14</p>	<p style="text-align: right;">[21] 2,277,365 [13] A1</p> <p>[51] Int.Cl. 6A61K 38/00 [25] EN [54] TREATMENT OF MULTIPLE SCLEROSIS THROUGH INGESTION OR INHALATION OF COPOLYMER-1 [54] TRAITEMENT DE LA SCLEROSE EN PLAQUES PAR L'INGESTION OU L'INHALATION DE COPOLYMER-1 [72] SELA, MICHAEL, IL [72] ARNON, RUTH, IL [72] RIVEN-KREITMAN, RIVKA, IL [72] GILBERT, ADRIAN, IL [72] LINENBERG, MILKA, IL [72] TEITELBAUM, DVORA, IL [71] YEDA RESEARCH AND DEVELOPMENT CO., LTD., IL [85] 1999-07-12 [86] 1998-01-12 (PCT/US98/00375) [87] 1998-07-16 (WO98/30227) [30] IL (119,989) 1997-01-10</p>	<p style="text-align: right;">[21] 2,277,367 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/00 6A61K 31/56 6A61K 9/70 [25] EN [54] TRANSDERMAL THERAPEUTIC SYSTEM [54] SYSTEME THERAPEUTIQUE TRANSDERMIQUE [72] DITTGEN, MICHAEL, DE [72] KOPKE, KAI, CH [72] FRICKE, SABINE, DE [72] GERECKE, HAGEN, DE [72] AHRENS, KATHRIN, DE [72] VOLKEL, CHRISTOPH, DE [71] JENAPHARM GMBH & CO. KG, DE [71] LTS LOHMANN THERAPIE SYSTEM GMBH, DE [85] 1999-07-12 [86] 1998-01-13 (PCT/DE98/00157) [87] 1998-07-16 (WO98/30203) [30] DE (197 01 949.8) 1997-01-13</p>
<p style="text-align: right;">[21] 2,277,364 [13] A1</p> <p>[51] Int.Cl. 6C09J 197/02 6D21B 1/00 [25] EN [54] A NEW ADHESIVE FOR FIBER BOARDS [54] NOUVEL ADHESIF POUR PANNEAUX EN FIBRE [72] KATAJA, KIRSI, FI [72] QVINTUS-LEINO, PIA, FI [72] HASE, ANNELI, FI [72] VIIKARI, LIISA, FI [72] GÄDDA, LARS, FI [72] TUOMINEN, SIMO, FI [71] NESTE CHEMICALS OY, FI [85] 1999-07-12 [86] 1998-01-14 (PCT/FI98/00024) [87] 1998-07-23 (WO98/31762) [30] FI (970158) 1997-01-14</p>	<p style="text-align: right;">[21] 2,277,366 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/70 6A61K 47/06 6A61K 47/26 6A61K 31/60 [25] EN [54] TRANSDERMAL, ACETYLSALICYLIC ACID-CONTAINING THERAPEUTIC SYSTEM WITH REINFORCED RESORPTION [54] SYSTEME THERAPEUTIQUE TRANSDERMIQUE CONTENANT DE L'ACIDE ACETYLSALICYLIQUE A RESORPTION RENFORCEE [72] HOFFMANN, GERD, DE [72] HORSTMANN, MICHAEL, DE [72] MURPHY, THERESA MARIA, GB [72] KINDEL, HEINRICH, DE [71] LTS LOHMANN THERAPIE-SYSTEME GMBH, DE [85] 1999-07-12 [86] 1998-01-03 (PCT/EP98/00013) [87] 1998-07-23 (WO98/31348) [30] DE (197 01 059.8) 1997-01-15</p>	<p style="text-align: right;">[21] 2,277,375 [13] A1</p> <p>[51] Int.Cl. 6H04B 11/00 6G06K 17/00 6H04B 1/707 [25] EN [54] SIGNALLING SYSTEM [54] SYSTEME DE SIGNALISATION [72] BARCLAY, MICHAEL JOHN, GB [71] SCIENTIFIC GENERICS LIMITED, GB [85] 1999-07-12 [86] 1998-01-16 (PCT/GB98/00151) [87] 1998-07-23 (WO98/32248) [30] GB (9700854.4) 1997-01-16</p>
		<p style="text-align: right;">[21] 2,277,376 [13] A1</p> <p>[51] Int.Cl. 6B01D 29/21 [25] EN [54] FILTER, IN PARTICULAR FOR THE LUBRICATING OIL OF AN INTERNAL COMBUSTION ENGINE [54] FILTRE, NOTAMMENT POUR L'HUILE DE LUBRIFICATION D'UN MOTEUR A COMBUSTION INTERNE [72] PETSCHL, THOMAS, DE [72] GANDINI, SERGIO, DE [71] FILTERWERK MANN & HUMMEL GMBH, DE [85] 1999-07-12 [86] 1997-12-13 (PCT/EP97/07015) [87] 1998-07-16 (WO98/30310) [30] DE (197 00 564.0) 1997-01-10</p>

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,277,377 [13] A1</p> <p>[51] Int.Cl. 6A61K 9/127 6A61K 38/04 6A61K 38/13 6A61K 31/57</p> <p>[25] EN</p> <p>[54] CONTROLLED RELEASE COMPOSITION</p> <p>[54] COMPOSITION A LIBERATION PROLONGEE</p> <p>[72] LJUSBERG-WAHREN, HELENA, DK</p> <p>[72] KROG, NIELS, DK</p> <p>[72] LARSSON, KARE, SE</p> <p>[71] GS DEVELOPMENT AB, SE</p> <p>[85] 1999-07-12</p> <p>[86] 1998-01-08 (PCT/SE98/00009)</p> <p>[87] 1998-07-16 (WO98/30206)</p> <p>[30] SE (9700061-6) 1997-01-13</p>	<p style="text-align: right;">[21] 2,277,382 [13] A1</p> <p>[51] Int.Cl. 6H04L 12/26</p> <p>[25] EN</p> <p>[54] METHOD AND APPARATUS TO ESTABLISH A TAP-POINT IN A SWITCHED NETWORK</p> <p>[54] PROCEDE ET APPAREIL D'ETABLISSEMENT D'UN POINT DE DERIVATION DANS UN RESEAU COMMUTE</p> <p>[72] YANACEK, JUDITH A., US</p> <p>[72] CLEMENTS, BRUCE G., US</p> <p>[72] LEN, THEODORE C., US</p> <p>[71] CABLETRON SYSTEMS, INC., US</p> <p>[85] 1999-07-13</p> <p>[86] 1998-01-12 (PCT/US98/00402)</p> <p>[87] 1998-07-30 (WO98/33303)</p> <p>[30] US (08/790,473) 1997-01-29</p>	<p style="text-align: right;">[21] 2,277,429 [13] A1</p> <p>[51] Int.Cl. 6A61K 38/40 6A61K 47/26 6A61K 35/74</p> <p>[25] EN</p> <p>[54] LACTOFERRIN TABLETS</p> <p>[54] COMPRIMES DE LACTOFERRINE</p> <p>[72] IYAMA, YURIKO, JP</p> <p>[72] NISHI, KENJI, JP</p> <p>[72] KATO, RYO, JP</p> <p>[72] KUDO, TSUTOMU, JP</p> <p>[72] ASANO, YUZO, JP</p> <p>[72] TOMITA, MAMORU, JP</p> <p>[71] MORINAGA MILK INDUSTRY CO. LTD., JP</p> <p>[85] 1999-07-07</p> <p>[86] 1998-01-08 (PCT/JP98/00024)</p> <p>[87] 1998-07-16 (WO98/30235)</p> <p>[30] JP (013429/1997) 1997-01-09</p>
<p style="text-align: right;">[21] 2,277,379 [13] A1</p> <p>[51] Int.Cl. 6A61K 35/14 6A61K 38/18</p> <p>[25] EN</p> <p>[54] MEDICINE FOR PROMOTING CICATRIZATION AND CONTAINING THROMBOCYTES</p> <p>[54] MEDICAMENT FAVORISANT LA CICATRISATION ET CONTENANT DES THROMBOCYTES</p> <p>[72] EIBL, JOHANN, AT</p> <p>[72] SPÄNGLER, HANS-PETER, AT</p> <p>[72] BRAUN, FRIEDRICH, AT</p> <p>[71] BIO-PRODUCTS & BIO-ENGINEERING AKTIENGESELLSCHAFT, AT</p> <p>[85] 1999-07-12</p> <p>[86] 1998-11-12 (PCT/AT98/00278)</p> <p>[87] 1999-05-20 (WO99/24044)</p> <p>[30] AT (A1916/97) 1997-11-12</p>	<p style="text-align: right;">[21] 2,277,420 [13] A1</p> <p>[51] Int.Cl. 6C08J 3/00 6C08L 77/00 6C08L 23/02 6C08L 67/02</p> <p>[25] EN</p> <p>[54] PROCESS AID FOR MELT PROCESSIBLE POLYMERS</p> <p>[54] ADJUVANT DE TRAITEMENT DESTINE AUX POLYMERES TRAITES PAR FUSION</p> <p>[72] PRIESTER, DONNAN EDWIN, US</p> <p>[71] DUPONT DOW ELASTOMERS L.L.C., US</p> <p>[85] 1999-07-07</p> <p>[86] 1998-01-07 (PCT/US98/00430)</p> <p>[87] 1998-07-16 (WO98/30619)</p> <p>[30] US (60/034,196) 1997-01-09</p> <p>[30] US (09/002,410) 1998-01-02</p>	<p style="text-align: right;">[21] 2,277,430 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/44 6G01N 33/535</p> <p>[25] EN</p> <p>[54] SYSTEM FOR STABLY EXPRESSING A HIGH-AFFINITY CAMP PHOSPHODIESTERASE AND USE THEREOF</p> <p>[54] SYSTEME D'EXPRESSION STABLE D'UNE PHOSPHODIESTERASE DE CAMP A AFFINITE ELEVEE ET SON UTILISATION</p> <p>[72] PON, DOUGLAS J., CA</p> <p>[71] MERCK FROSST CANADA & CO., CA</p> <p>[85] 1999-07-07</p> <p>[86] 1998-01-07 (PCT/CA98/00024)</p> <p>[87] 1998-07-16 (WO98/30718)</p> <p>[30] US (60/034,691) 1997-01-09</p> <p>[30] GB (9705910.9) 1997-03-21</p> <p>[30] US (60/065,420) 1997-11-13</p>
<p style="text-align: right;">[21] 2,277,381 [13] A1</p> <p>[51] Int.Cl. 6G01F 15/00 6G01F 1/05 6G01F 15/06 6G01F 1/08 6G01F 1/10 6G01F 1/12</p> <p>[25] EN</p> <p>[54] GAS TURBINE METER</p> <p>[54] DEBITMETRE DE TURBINE A GAZ</p> <p>[72] SCHIEBER, WILLIAM M., US</p> <p>[71] AMERICAN METER COMPANY, US</p> <p>[85] 1999-07-12</p> <p>[86] 1998-01-21 (PCT/US98/01162)</p> <p>[87] 1998-07-30 (WO98/33043)</p> <p>[30] US (08/780,867) 1997-01-24</p>	<p style="text-align: right;">[21] 2,277,427 [13] A1</p> <p>[51] Int.Cl. 6B60R 21/32</p> <p>[25] EN</p> <p>[54] CENTER OF WEIGHT SENSOR</p> <p>[54] DETECTEUR DE CENTRE DE GRAVITE</p> <p>[72] BURKE, SHAWN E., US</p> <p>[72] HUBBARD, JAMES E., JR., US</p> <p>[71] TRUSTEES OF BOSTON UNIVERSITY, US</p> <p>[85] 1999-07-07</p> <p>[86] 1998-01-06 (PCT/US98/00454)</p> <p>[87] 1998-07-16 (WO98/30420)</p> <p>[30] US (08/780,435) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,432 [13] A1</p> <p>[51] Int.Cl. 6A61K 7/06</p> <p>[25] EN</p> <p>[54] AQUEOUS COMPOSITIONS AND THEIR USE</p> <p>[54] COMPOSITIONS AQUEUSES ET LEUR UTILISATION</p> <p>[72] SCHEHLMANN, VOLKER, DE</p> <p>[72] SPERLING, KARIN, DE</p> <p>[72] HOSSEL, PETER, DE</p> <p>[71] BASF AKTIENGESELLSCHAFT, DE</p> <p>[85] 1999-07-07</p> <p>[86] 1997-12-19 (PCT/EP97/07168)</p> <p>[87] 1998-07-23 (WO98/31328)</p> <p>[30] DE (19701018.0) 1997-01-14</p>

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<p style="text-align: right;">[21] 2,277,433 [13] A1</p> <p>[51] Int.Cl. 6E04H 4/12 [25] EN [54] SPA APPARATUS WITH HEAT TRANSFERRING HANGING INTERIOR STRUCTURAL LINER [54] CUVE THERMALE DOTEE D'UNE CHEMISAGE STRUCTUREL INTERIEUR SUSPENDU CONTENANT DES MOYENS DE TRANSFERT DE CHALEUR [72] FLEISHMAN, ROC V., US [72] HANSEN, BORG, US [72] BONZALEZ, RAFAEL, US [71] SOFTUB, INC., US [85] 1999-07-07 [86] 1998-01-08 (PCT/US98/07412) [87] 1998-07-16 (WO98/30185) [30] US (08/780,731) 1997-01-08</p>	<p style="text-align: right;">[21] 2,277,438 [13] A1</p> <p>[51] Int.Cl. 6H04Q 7/22 [25] EN [54] CENTRALIZED RADIO NETWORK CONTROL IN A MOBILE COMMUNICATIONS SYSTEM [54] GESTION CENTRALISEE DU RESEAU RADIO DANS UN SYSTEME DE COMMUNICATION MOBILE [72] FRIED, TOMAS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-07-07 [86] 1998-01-09 (PCT/SE98/00019) [87] 1998-07-23 (WO98/32294) [30] US (08/785,344) 1997-01-17</p>	<p style="text-align: right;">[21] 2,277,469 [13] A1</p> <p>[51] Int.Cl. 6C07C 65/17 6C10M 159/12 6C10L 1/18 6C10M 159/22 6C10M 129/54 6C10M 129/76 6C07C 69/94 [25] EN [54] SALICYCLIC CALIXARENES AND THEIR USE AS LUBRICANT ADDITIVES [54] CALIXARENES SALICYCLIQUES ET LEUR UTILISATION COMME ADDITIFS POUR LUBRIFIANTS [72] MORETON, DAVID JOHN, GB [71] LUBRIZOL ADIBIS HOLDINGS (UK) LIMITED, GB [85] 1999-07-09 [86] 1998-11-12 (PCT/GB98/03398) [87] 1999-05-27 (WO99/25677) [30] GB (9723888.5) 1997-11-13 [30] GB (9816162.3) 1998-07-25</p>
<p style="text-align: right;">[21] 2,277,435 [13] A1</p> <p>[51] Int.Cl. 6C25B 9/00 [25] EN [54] CELL COVER FOR ELECTROLYTIC CELLS [54] COUVERCLE POUR CELLULES ELECTROLYTIQUES [72] CLASEN, PETER, DE [72] VENGHAUS, STEFAN, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 1999-07-07 [86] 1998-01-03 (PCT/EP98/00018) [87] 1998-07-16 (WO98/30737) [30] DE (197 00 534.9) 1997-01-10</p>	<p style="text-align: right;">[21] 2,277,439 [13] A1</p> <p>[51] Int.Cl. 6H04L 1/00 [25] EN [54] APPARATUS, AND ASSOCIATED METHOD, FOR TRANSMITTING AND RECEIVING A MULTI-STAGE, ENCODED AND INTERLEAVED DIGITAL COMMUNICATION SIGNAL [54] DISPOSITIF ET PROCEDE D'EMISSION ET DE RECEPTION D'UN SIGNAL DE COMMUNICATION NUMERIQUE ENTRELACE A CODAGE MULTINIVEAU [72] PERSSON, HAKAN, SE [72] SANDIN, TOMAS, SE [72] TEDER, PAUL, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-07-07 [86] 1998-01-13 (PCT/SE98/00035) [87] 1998-07-23 (WO98/32256) [30] US (08/784,146) 1997-01-17</p>	<p style="text-align: right;">[21] 2,277,470 [13] A1</p> <p>[51] Int.Cl. 6F16L 15/00 [25] EN [54] CONNECTOR [54] RACCORD [72] HILLIARD, PAUL, GB [71] SPECIALTY TOOLS LIMITED, GB [85] 1999-07-09 [86] 1998-01-12 (PCT/GB98/00102) [87] 1998-07-16 (WO98/30823) [30] GB (9700521.9) 1997-01-11</p>
<p style="text-align: right;">[21] 2,277,436 [13] A1</p> <p>[51] Int.Cl. 6G05B 19/042 [25] EN [54] CONTROL SYSTEM FOR A HOUSEHOLD APPLIANCE [54] DISPOSITIF SERVANT A COMMANDER UN APPAREIL ELECTROMENAGER [72] AISA, VALERIO, IT [71] MERLONI ELETTRODOMESTICI S.P.A., IT [85] 1999-07-07 [86] 1998-01-13 (PCT/EP98/00162) [87] 1998-07-16 (WO98/30941) [30] IT (TO97A000017) 1997-01-13</p>	<p style="text-align: right;">[21] 2,277,468 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/10 6C07H 1/08 6B01D 21/26 [25] EN [54] METHOD OF PURIFYING DNA IN A CROSS-FLOW CENTRIFUGE [54] PURIFICATION D'ADN DANS UNE CENTRIFUGEUSE TANGENTIELLE [72] POPP, FRIEDRICH, DE [72] KUHNE, WOLFGANG, DE [71] ROCHE DIAGNOSTICS GMBH, DE [85] 1999-07-09 [86] 1998-01-09 (PCT/EP98/00104) [87] 1998-07-16 (WO98/30686) [30] EP (97100330.6) 1997-01-10</p>	<p style="text-align: right;">[21] 2,277,471 [13] A1</p> <p>[51] Int.Cl. 6G02B 26/08 6G02F 1/01 6H01L 41/09 6G02F 1/19 [25] EN [54] AN OPTICAL MODULATOR [54] MODULATEUR OPTIQUE [72] BAKER, BRIAN JOHN, GB [71] LASOR LIMITED, GB [85] 1999-07-09 [86] 1998-01-12 (PCT/GB98/00073) [87] 1998-07-16 (WO98/30927) [30] GB (9700472.5) 1997-01-10</p>

Demandes PCT entrant en phase nationale

[21] **2,277,472**
[13] A1

[51] **Int.Cl. 6D04H 13/00 6B32B 5/06 6D04H 1/46**
[25] EN
[54] **FLAT STRUCTURE, IN PARTICULAR A NON-WOVEN FABRIC**
[54] **PRODUIT PLAT, NOTAMMENT NON-TISSE**
[72] GROBBEL, MICHAEL, DE
[72] SCHAUERTE, HUBERT, DE
[71] FALKE GARNE KG, DE
[85] 1999-07-09
[86] 1998-01-08 (PCT/EP98/00082)
[87] 1998-07-16 (WO98/30745)
[30] DE (197 00 660.4) 1997-01-10

[21] **2,277,473**
[13] A1

[51] **Int.Cl. 6C07D 409/04 6C07D 401/04 6C07D 405/04 6C07D 413/04 6C07D 471/04 6C07D 401/14 6A61K 31/47 6A61K 31/505**
[25] EN
[54] **QUINOLINE AND QUINAZOLINE COMPOUNDS USEFUL IN THERAPY, PARTICULARLY IN THE TREATMENT OF BEGNIN PROSTATIC HYPERPLASIA**
[54] **COMPOSES DE QUINOLEINE ET DE QUINAZOLINE PRESENTANT UNE UTILITE THERAPEUTIQUE EN PARTICULIER POUR LE TRAITEMENT DE L'HYPERPLASIE PROSTATIQUE BENIGNE**
[72] FOX, DAVID NATHAN ABRAHAM, GB
[71] PFIZER INC., US
[85] 1999-07-09
[86] 1998-01-06 (PCT/EP98/00143)
[87] 1998-07-16 (WO98/30560)
[30] GB (9700504.5) 1997-01-11

[21] **2,277,474**
[13] A1

[51] **Int.Cl. 6H03M 13/22 6H03M 13/12**
[25] EN
[54] **INTERLEAVING METHOD, INTERLEAVING APPARATUS, AND RECORDING MEDIUM IN WHICH INTERLEAVE PATTERN GENERATING PROGRAM IS RECORDED**
[54] **PROCEDE ET DISPOSITIF D'ENTRELACEMENT, ET SUPPORT D'ENREGISTREMENT DANS LEQUEL ON A ENREGISTRE UN PROGRAMME DE PRODUCTION DE MOTIFS D'ENTRELACEMENT**
[72] SUDA, HIROHITO, JP
[72] SHIBUTANI, AKIRA, JP
[71] NTT MOBILE COMMUNICATIONS NETWORK, INC., JP
[85] 1999-07-09
[86] 1998-11-09 (PCT/JP98/05027)
[87] 1999-05-20 (WO99/25069)
[30] JP (9-307599) 1997-11-10
[30] JP (10-218377) 1998-07-31
[30] JP (10-233088) 1998-08-19

[21] **2,277,475**
[13] A1

[51] **Int.Cl. 6H01G 9/155**
[25] EN
[54] **CAPACITOR WITH DUAL ELECTRIC LAYER**
[54] **CONDENSATEUR A COUCHE ELECTRIQUE DOUBLE**
[72] KAZAROV, VLADIMIR ALEXANDROVICH, RU
[72] LITVINENKO, SERGEI VITALIEVICH, RU
[72] KUTYANIN, VLADIMIR IVANOVICH, RU
[72] KAZARYAN, SAMVEL AVAKOVICH, RU
[72] BELYAKOV, ALEXEI IVANOVICH, RU
[72] VOLFKOVICH, JURY MIRONOVICH, RU
[72] VASECHKIN, VLADIMIR IVANOVICH, RU
[72] SCHMATKO, PAVEL ANDREEVICH, RU
[72] DASHKO, OLEG GRIGORIEVICH, RU
[71] ZAKRYTOE AKTSIONERNOE OBSHESTVO "ESMA", RU
[71] NAUCHNO-PROIZVODSTVENNOE PREDPRIYATIE "EKSIN", RU
[85] 1999-07-09
[86] 1997-11-11 (PCT/RU97/00353)
[87] 1999-05-20 (WO99/24996)

[21] **2,277,476**
[13] A1

[51] **Int.Cl. 6B21H 3/02 6F16B 33/02 6E01B 29/28**
[25] EN
[54] **IMPROVEMENTS RELATING TO SCREWS AND THREADFORMS**
[54] **AMELIORATIONS APORTEES AUX VIS ET AUX FILETAGES**
[72] PAPAFOTIOU, FOTIOS, AU
[72] KERSHAW, DAVID IAN, AU
[71] REID CONSTRUCTION SYSTEMS PTY LIMITED, AU
[71] HANSTOCK FASTENERS PTY LIMITED, AU
[85] 1999-07-09
[86] 1998-11-10 (PCT/AU98/00933)
[87] 1999-05-20 (WO99/24191)
[30] AU (PP 0264) 1997-11-10
[30] AU (PP 0265) 1997-11-10
[30] AU (PP 4362) 1998-06-26

[21] **2,277,477**
[13] A1

[51] **Int.Cl. 6B65D 88/74**
[25] EN
[54] **HEATING SYSTEM FOR TANKS FOR STORING LIQUID PRODUCTS**
[54] **SYSTEME DE CHAUFFAGE DE RESERVOIRS DE STOCKAGE DE PRODUITS LIQUIDES**
[72] ALDYR, WITTER (deceased), BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[85] 1999-07-09
[86] 1998-01-21 (PCT/BR98/00003)
[87] 1998-07-23 (WO98/31610)
[30] BR (PI 9700726-9) 1997-01-21

[21] **2,277,478**
[13] A1

[51] **Int.Cl. 6B01J 20/28 6B01D 39/00**
[25] EN
[54] **FILTER MEDIA**
[54] **MATERIAU FILTRANT**
[72] MAAN, RANBER, GB
[72] ABERCROMBIE, ARCHIBALD JOHN, GB
[72] BATTYE, ANTHONY GEORGE, GB
[71] BONDED FIBRE FABRIC LIMITED, GB
[85] 1999-07-09
[86] 1998-01-09 (PCT/GB98/00001)
[87] 1998-07-16 (WO98/30326)
[30] GB (9700339.6) 1997-01-09
[30] GB (9725991.5) 1997-12-09
[30] GB (9725993.1) 1997-12-09

PCT Applications Entering the National Phase

[21] **2,277,479**
[13] A1

[51] **Int.Cl. 6A61K 31/70**
[25] EN
[54] **USE OF DIADENOSINE POLYPHOSPHATES FOR REDUCING BLOOD PRESSURE**
[54] **UTILISATION DE DIADENOSINE POLYPHOSPHATES POUR REDUIRE LA PRESSION SANGUINE**
[72] HILDERMAN, RICHARD H., US
[72] SWINDLE, M. MICHAEL, US
[71] CLEMSON UNIVERSITY, US
[85] 1999-07-09
[86] 1998-01-13 (PCT/US98/00546)
[87] 1998-07-16 (WO98/30222)
[30] US (60/035,819) 1997-01-13

[21] **2,277,480**
[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 9/14 6A61K 9/16**
[25] EN
[54] **PAROXETINE COMPOSITIONS**
[54] **COMPOSITIONS A BASE DE PAROXETINE**
[72] JACEWICZ, VICTOR WITOLD, GB
[72] WARD, NEAL, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 1999-07-09
[86] 1998-01-12 (PCT/GB98/00081)
[87] 1998-07-23 (WO98/31365)
[30] GB (9700692.8) 1997-01-15
[30] GB (9714873.8) 1997-07-15

[21] **2,277,481**
[13] A1

[51] **Int.Cl. 6G01N 33/50 6C12N 9/12 6G01N 33/68**
[25] EN
[54] **ASSAYS, AGENTS, THERAPY AND DIAGNOSIS RELATING TO MODULATION OF CELLULAR DNA REPAIR ACTIVITY**
[54] **DOSAGES, AGENTS, THERAPIE ET DIAGNOSTIC LIES A LA MODULATION DE L'ACTIVITE DE REPARATION DE L'ADN CELLULAIRE**
[72] JACKSON, STEPHEN PHILIP, GB
[72] CRITCHLOW, SUSAN ELIZABETH, GB
[71] KuDOS PHARMACEUTICALS LIMITED, GB
[85] 1999-07-09
[86] 1998-01-13 (PCT/GB98/00095)
[87] 1998-07-16 (WO98/30902)
[30] GB (9700574.8) 1997-01-13
[30] GB (9713131.2) 1997-06-20

[21] **2,277,482**
[13] A1

[51] **Int.Cl. 6A61K 38/22**
[25] EN
[54] **ENHANCEMENT OF HEMATOPOIETIC CELLS**
[54] **STIMULATION DE CELLULES HEMATOPOIETIQUES**
[72] RICHARDS, SUSAN M., US
[72] LONGO, DAN L., US
[72] MURPHY, WILLIAM J., US
[71] NATIONAL INSTITUTES OF HEALTH, US
[71] GENZYME CORPORATION, US
[85] 1999-07-09
[86] 1998-01-20 (PCT/US98/00887)
[87] 1998-07-23 (WO98/31385)
[30] US (60/035,875) 1997-01-21

[21] **2,277,483**
[13] A1

[51] **Int.Cl. 6G01N 33/50 6G01N 33/68**
[25] EN
[54] **METHODS AND MEANS RELATING TO RETROTRANSPOSON AND RETROVIRAL INTEGRATION**
[54] **PROCEDES ET MOYENS LIES A L'INTEGRATION DE RETROVIRUS ET DE RETROTRANSPOSON**
[72] DOWNS, JESSICA ANNE, GB
[72] JACKSON, STEPHEN PHILIP, GB
[71] KuDOS PHARMACEUTICALS LIMITED, GB
[85] 1999-07-09
[86] 1998-01-13 (PCT/GB98/00099)
[87] 1998-07-16 (WO98/30903)
[30] GB (9700574.8) 1997-01-13

[21] **2,277,484**
[13] A1

[51] **Int.Cl. 6C11D 3/00 6C08F 226/06 6C11D 3/37**
[25] EN
[54] **DETERGENT COMPOSITIONS AND COPOLYMERS FOR INHIBITING DYE TRANSFER**
[54] **COMPOSITIONS DETERGENTES ET COPOLYMERES POUR INHIBER LE TRANSFERT DE TEINTURE**
[72] NUGENT, NICHOLAS, GB
[72] KHOSHDEL, EZAT, GB
[72] DIXON, SARAH, GB
[72] WARR, JONATHAN FRANK, GB
[72] POLYWKA, ROBERT, GB
[71] UNILEVER PLC, GB
[85] 1999-07-09
[86] 1997-12-24 (PCT/EP97/07327)
[87] 1998-07-16 (WO98/30664)
[30] EP (97300122.5) 1997-01-10

[21] **2,277,486**
[13] A1

[51] **Int.Cl. 6A61K 38/00 6C07K 5/00 6C07K 7/00 6C07K 16/00 6C07K 17/00 6A01N 63/00 6A01N 65/00 6A61K 38/04 6A01N 63/04 6A61K 38/06 6A61K 38/16**
[25] EN
[54] **SYNTHETIC ANTIBIOTICS**
[54] **ANTIBIOTIQUES SYNTHETIQUES**
[72] EDWARDS, DAVID L., US
[71] CERES TECHNOLOGIES, INC., US
[85] 1999-07-09
[86] 1997-12-16 (PCT/US97/23182)
[87] 1998-06-25 (WO98/26793)
[30] US (08/767,903) 1996-12-17

[21] **2,277,488**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A01K 67/02 6A01K 67/027 6C12Q 1/68**
[25] EN
[54] **SELECTION FOR DWARFISM IN POULTRY**
[54] **SELECTION DU NANISME CHEZ LES VOLAILLES**
[72] GROENEN, MARTINUS ANTONIUS MATHILDA, NL
[72] ALBERS, GERARDUS ANTONIUS ARNOLDUS, NL
[71] NUTRECO NEDERLAND B.V., NL
[85] 1999-07-09
[86] 1998-01-12 (PCT/NL98/00021)
[87] 1998-07-16 (WO98/30689)
[30] EP (97200070.7) 1997-01-10

[21] **2,277,583**
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34**
[25] EN
[54] **LARGE SCALE GENOTYPING OF DISEASES AND A DIAGNOSTIC TEST FOR SPINOCEREBELLAR ATAXIA TYPE 6**
[54] **GENOTYPAGE A GRANDE ECHELLE DE MALADIE ET TEST DE DIAGNOSTIC DE L'HEREDO-ATAXIE CEREBELLEUSE DE TYPE 6 A DEGENERESCENCE DES FAISCEAUX SPINAUX CEREBELLEUX**
[72] LEE, CHENG-CHI, US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 1999-07-05
[86] 1998-01-07 (PCT/US98/00060)
[87] 1998-10-08 (WO98/44155)
[30] US (08/779,801) 1997-01-07

Demandes PCT entrant en phase nationale

[21] **2,277,744**
[13] A1

[51] **Int.Cl. 6C07C 27/06**
[25] EN
[54] **COMBUSTING A HYDROCARBON GAS TO PRODUCE A REFORMED GAS**
[54] **COMBUSTION D'UN GAZ D'HYDROCARBURE POUR PRODUIRE UN GAZ REFORME**

[72] WAYCULIS, JOHN J., US
[71] MARATHON OIL COMPANY, US
[85] 1999-07-14
[86] 1997-11-12 (PCT/US97/20606)
[87] 1998-08-20 (WO98/35926)
[30] US (800,642) 1997-02-14

[21] **2,277,747**
[13] A1

[51] **Int.Cl. 6H04J 13/04**
[25] EN
[54] **A METHOD AND AN ARRANGEMENT FOR DESPREADING A CODED SEQUENCE IN A COMMUNICATION SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE DESETALEMENT D'UNE SEQUENCE CODEE DANS UN SYSTEME DE COMMUNICATION**

[72] POPOVIC, BRANISLAV, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-07-14
[86] 1997-12-19 (PCT/SE97/02183)
[87] 1998-07-30 (WO98/33290)
[30] SE (9700212-5) 1997-01-24

[21] **2,277,748**
[13] A1

[51] **Int.Cl. 6C08F 2/50**
[25] EN
[54] **(CO)POLYMERS BY PHOTOPOLYMERIZATION**
[54] **CO(POLYMERES) OBTENUS PAR PHOTOPOLYMERISATION**

[72] DESOBRY, VINCENT, CH
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 1999-07-13
[86] 1998-02-09 (PCT/EP98/00712)
[87] 1998-08-27 (WO98/37105)
[30] EP (97102677.8) 1997-02-19

[21] **2,277,751**
[13] A1

[51] **Int.Cl. 6B28B 19/00**
[25] EN
[54] **METHOD OF MAKING FOAM/ CONCRETE BUILDING PANELS**
[54] **PROCEDE DE FABRICATION DE PANNEAUX DE CONSTRUCTION EN MOUSSE ET EN BETON**

[72] KRIZIK, LUBO, CA
[72] VELDHUIS, ROBERT, CA
[71] 888804 ONTARIO LIMITED, CA
[85] 1999-07-13
[86] 1997-12-05 (PCT/CA97/00950)
[87] 1998-06-18 (WO98/25745)
[30] US (60/033,150) 1996-12-13

[21] **2,277,752**
[13] A1

[51] **Int.Cl. 6C08K 5/07 6C08K 5/18 6C08G 65/26**
[25] EN
[54] **COLOUR STABLE AROMATIC AMINES AND THE PRODUCTION OF LIGHT-COLOURED AROMATIC AMINE-BASED POLYETHER POLYOLS**

[54] **AMINES AROMATIQUES DE COULEUR STABLE ET PRODUCTION DE POLYOLS DE POLYETHER A BASE D'AMINES AROMATIQUES DE COULEUR CLAIRE**
[72] ADKINS, RICK L., US
[72] SCHILLING, Steven L., US
[72] HEADLEY, KEITH J., US
[71] BAYER CORPORATION, US
[85] 1999-07-14
[86] 1998-01-13 (PCT/US98/00277)
[87] 1998-07-30 (WO98/32793)
[30] US (08/788,788) 1997-01-24

[21] **2,277,753**
[13] A1

[51] **Int.Cl. 6D21H 17/71 6D21H 23/50 6D21H 23/56**

[25] EN
[54] **SIZING EMULSIONS**
[54] **EMULSIONS D'ENCOLLAGE**
[72] WASSER, RICHARD BARKMAN, US
[71] CYTEC TECHNOLOGY CORP., US
[85] 1999-07-14
[86] 1998-01-28 (PCT/US98/01314)
[87] 1998-08-06 (WO98/33981)
[30] US (08/795,179) 1997-02-04

[21] **2,277,755**
[13] A1

[51] **Int.Cl. 6B41M 5/00 6C09D 101/28**
[25] EN
[54] **INK-JET RECORDING SHEET**
[54] **FEUILLE D'ENREGISTREMENT PAR JET D'ENCRE**

[72] TWEETEN, DAVID W., US
[72] FAROOQ, OMAR, US
[72] WILLIAMS DONALD J., US
[72] IQBAL, MOHAMMED, US
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1999-07-14
[86] 1998-01-09 (PCT/US98/00541)
[87] 1998-08-13 (WO98/34794)
[30] US (08/798410) 1997-02-07

[21] **2,277,757**
[13] A1

[51] **Int.Cl. 6A61K 38/19 6C07K 14/525**
[25] EN
[54] **MODIFIED TUMOR NECROSIS FACTOR**

[54] **FACTEUR DE NECROSE DES TUMEURS MODIFIE**
[72] CLARK, MIKE A., US
[71] PHOENIX PHARMACOLOGICS, INC, US
[85] 1999-07-14
[86] 1998-01-15 (PCT/US98/00683)
[87] 1998-07-23 (WO98/31383)
[30] US (60/035,521) 1997-01-15
[30] US (09/006,810) 1998-01-14

PCT Applications Entering the National Phase

[21] **2,277,760**
[13] A1

[51] **Int.Cl. 6C23C 24/06 6C23C 26/00 6A61L 2/16**
[25] EN
[54] **METHOD OF PRODUCING ANTIMICROBIAL METAL ARTICLES AND ANTIMICROBIAL METAL ARTICLES PRODUCED BY THE METHOD**
[54] **PROCEDE DE PRODUCTION D'ARTICLES METALLIQUES ANTIMICROBIENS ET ARTICLES METALLIQUES ANTIMICROBIENS PRODUITS SELON LEDIT PROCEDE**
[72] TOCHIHARA, MISAKO, JP
[72] YOKOTA, TAKESHI, JP
[72] SATOH, SUSUMU, JP
[72] INOUE, YOSHITOMO, JP
[72] SHIGERU, KEIJIRO, JP
[71] SUMITOMO OSAKA CEMENT CO., LTD., JP
[71] KAWASAKI STEEL CORPORATION, JP
[85] 1999-07-13
[86] 1998-11-10 (PCT/JP98/05055)
[87] 1999-05-27 (WO99/25898)
[30] JP (9-313,429) 1997-11-14
[30] JP (10-51,990) 1998-03-04

[21] **2,277,762**
[13] A1

[51] **Int.Cl. 6C09D 5/24 6H01B 1/12**
[25] EN
[54] **RADIATION CURABLE CONDUCTIVE COATING DISPERSION, PROCESS FOR ITS PREPARATION AND COATINGS MADE OF IT**
[54] **DISPERSION POUR REVETEMENT CONDUCTEUR POLYMERISABLE PAR EXPOSITION A UN RAYONNEMENT**
[72] JANSEN, JOHAN FRANZ GRADUS, NL
[71] DSM N.V., NL
[85] 1999-07-13
[86] 1998-01-07 (PCT/NL98/00010)
[87] 1998-07-23 (WO98/31754)
[30] NL (1005007) 1997-01-15

[21] **2,277,764**
[13] A1

[51] **Int.Cl. 6C07C 41/00**
[25] EN
[54] **PROCESS FOR THE SYNTHESIS OF HEXAFLUOROISOPROPYL ETHERS**
[54] **PROCEDE POUR SYNTHETISER DES HEXAFLUORO-ISOPROPYL-ETHERS**
[72] TINKER, JOHN H., US
[72] RUZICKA, JAN A., US
[72] BAKER, MAX T., US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 1999-07-14
[86] 1997-12-30 (PCT/US97/24054)
[87] 1998-07-23 (WO98/31652)
[30] US (08/783,758) 1997-01-15

[21] **2,277,766**
[13] A1

[51] **Int.Cl. 6A23L 1/236 6C07K 5/075 6A23L 1/22**
[25] EN
[54] **SWEETENER COMPOSITION IMPROVED IN TASTE**
[54] **COMPOSITION D'EDULCORANT AU GOUT AMELIORE**
[72] ISHII, SHOICHI, JP
[72] SHIMIZU, TETSUJI, JP
[71] AJINOMOTO CO., INC., JP
[85] 1999-07-14
[86] 1997-10-01 (PCT/JP97/03500)
[87] 1998-09-17 (WO98/39979)
[30] JP (9/54582) 1997-03-10
[30] JP (9/54583) 1997-03-10

[21] **2,277,770**
[13] A1

[51] **Int.Cl. 6A61M 29/00**
[25] EN
[54] **DRUG DELIVERY BALLOON CATHETER DEVICE**
[54] **DISPOSITIF DE TYPE CATHETER A BALLONNET PERMETTANT D'ADMINISTRER DES MEDICAMENTS**
[72] TSUKERNIK, VLADIMIR, US
[71] BOSTON SCIENTIFIC CORPORATION, BB
[85] 1999-07-14
[86] 1998-01-12 (PCT/US98/00373)
[87] 1998-07-23 (WO98/31415)
[30] US (08/782,684) 1997-01-15

[21] **2,277,771**
[13] A1

[51] **Int.Cl. 6B03C 7/08**
[25] EN
[54] **BELT SEPARATOR SYSTEM HAVING IMPROVED BELT GEOMETRY**
[54] **SEPARATEUR A RUBAN DANS LEQUEL ON A AMELIORE LA GEOMETRIE DU RUBAN**
[72] DUNN, THOMAS M., US
[72] BOZMAN, CHARLES E., US
[72] CERULLO, THOMAS, US
[71] SEPARATION TECHNOLOGIES, INC., US
[85] 1999-07-14
[86] 1998-01-14 (PCT/US98/00745)
[87] 1998-07-23 (WO98/31469)
[30] US (08/782,306) 1997-01-15

[21] **2,277,772**
[13] A1

[51] **Int.Cl. 6H04Q 7/38**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING MOBILE ASSISTED HARD HANDOFF BETWEEN COMMUNICATION SYSTEMS**
[54] **PROCEDE ET APPAREIL D'EXECUTION DE TRANSFERT SUR ASSISSE PAR STATION MOBILE ENTRE DES SYSTEMES DE TELECOMMUNICATIONS**
[72] WHEATLEY, CHARLES E., III, US
[72] CHEN, TAO, US
[72] TIEDEMANN, EDWARD G., JR., US
[71] QUALCOMM INCORPORATED, US
[85] 1999-07-14
[86] 1997-12-19 (PCT/US97/23650)
[87] 1998-07-23 (WO98/32262)
[30] US (08/784,280) 1997-01-15

[21] **2,277,773**
[13] A1

[51] **Int.Cl. 6F26B 3/34 6F26B 9/00 6F26B 13/00 6F26B 13/06**
[25] EN
[54] **HIGH SPEED INFRARED/ CONVECTION DRYER**
[54] **SECHEUR HAUTE VITESSE A INFRAROUGES/CONVECTION**
[72] ROGNE, ALLAN W., US
[72] TESAR, MICHAEL G., US
[72] QUASS, JEFFREY D., US
[71] MEGTEC SYSTEMS, INC., US
[85] 1999-07-14
[86] 1998-01-05 (PCT/US98/01120)
[87] 1998-08-06 (WO98/34079)
[30] US (08/796,009) 1997-02-05

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,277,774 [13] A1</p> <p>[51] Int.Cl. 6A01N 25/30 [25] EN [54] LOW-FOAM SURFACTANT CONCENTRATES FOR USE IN THE DOMAIN OF PLANT GROWTH STIMULATION [54] TENSIOACTIFS CONCENTRES A FAIBLE POUVOIR MOUSSANT S'UTILISANT DANS LE DOMAINE DE LA CROISSANCE DES PLANTES [72] VON TAPAVICZA, STEPHAN, DE [72] HEROLD, CLAUS-PETER, DE [72] BOETTCHER, HEINZ, DE [72] MUELLER, HEINZ, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 1999-07-14 [86] 1998-01-07 (PCT/EP98/00052) [87] 1998-07-23 (WO98/31222) [30] DE (197 01 127.6) 1997-01-15</p>	<p style="text-align: right;">[21] 2,277,777 [13] A1</p> <p>[51] Int.Cl. 6B61D 3/10 6B61C 17/04 6B61F 3/12 [25] EN [54] RAIL VEHICLE WITH ENGINE AND WAGON [54] VEHICULE SUR RAILS A MOTRICE ET WAGON [72] SCHUNKE, HILMAR, DE [71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE [85] 1999-07-13 [86] 1998-05-14 (PCT/EP98/02921) [87] 1998-12-03 (WO98/54040) [30] DE (197 22 309.5) 1997-05-28</p>	<p style="text-align: right;">[21] 2,277,780 [13] A1</p> <p>[51] Int.Cl. 6F16C 39/06 [25] FR [54] PALIER MAGNETIQUE ROTATIF A CENTRAGE ACTIF LE LONG DE L'AXE DE ROTATION ET A FAIBLE COUT [54] INEXPENSIVE ROTARY MAGNETIC BEARING WITH ACTIVE CENTRING ALONG THE ROTATION AXIS [72] BERNUS, CHRISTOPHE, FR [72] LAMBERT, CHARLES, FR [71] AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE, FR [85] 1999-07-12 [86] 1998-02-06 (PCT/FR98/00225) [87] 1998-08-13 (WO98/35167) [30] FR (97/01493) 1997-02-10</p>
<p style="text-align: right;">[21] 2,277,775 [13] A1</p> <p>[51] Int.Cl. 6B01D 46/02 [25] EN [54] A MODULAR FILTER BAG CAGE [54] CAGE MODULAIRE DE SAC FILTRANT [72] ALLINGHAM, PAUL, US [72] KAWOLA, JOHN, US [71] ALBANY INTERNATIONAL CORP., US [85] 1999-07-13 [86] 1998-10-22 (PCT/US98/22441) [87] 1999-05-27 (WO99/25458) [30] US (08/971,110) 1997-11-14</p>	<p style="text-align: right;">[21] 2,277,778 [13] A1</p> <p>[51] Int.Cl. 6C07K 14/47 6A61K 31/00 6A61K 38/00 [25] FR [54] INHIBITEURS SPECIFIQUES DE LA LIPASE PANCREATIQUE ET LEURS APPLICATIONS [54] SPECIFIC PANCREATIC LIPASE INHIBITORS AND THEIR APPLICATIONS [72] CHAPUS, CATHERINE, FR [71] LABORATOIRE LAPHAL (LABORATOIRE DE PHARMACOLOGIE APPLIQUEE), FR [85] 1999-07-05 [86] 1998-01-06 (PCT/FR98/00009) [87] 1998-07-16 (WO98/30588) [30] FR (97/00071) 1997-01-07</p>	<p style="text-align: right;">[21] 2,277,781 [13] A1</p> <p>[51] Int.Cl. 6D06F 75/14 6D06F 75/22 [25] FR [54] FER A REPASSER ET PROCEDE DE REPASSAGE AVEC DISTRIBUTION D'ADJUVANT TEXTILE [54] IRON AND IRONING METHOD WITH TEXTILE ADJUVANT DISPENSING [72] GELUS, DOMINIQUE, FR [72] ROSELL-LACLAU, ELIETTE, FR [72] DEBOURG, JEAN PIERRE, FR [71] SEB S.A., FR [85] 1999-07-14 [86] 1998-11-26 (PCT/FR98/02535) [87] 1999-06-03 (WO99/27176) [30] FR (97/15112) 1997-11-26</p>
<p style="text-align: right;">[21] 2,277,776 [13] A1</p> <p>[51] Int.Cl. 6C12N 15/63 6C12N 9/24 6C12N 15/80 [25] EN [54] EXPRESSION ELEMENT [54] ELEMENT D'EXPRESSION [72] RASMUSSEN, PREBEN, DK [71] DANISCO A/S, DK [85] 1999-07-13 [86] 1998-03-02 (PCT/IB98/00312) [87] 1998-09-03 (WO98/38321) [30] GB (9704157.8) 1997-02-28</p>	<p style="text-align: right;">[21] 2,277,779 [13] A1</p> <p>[51] Int.Cl. 6B60C 23/04 [25] EN [54] VISUAL TIRE CAP PRESSURE INDICATOR [54] INDICATEUR DE PRESSION VISUEL A CAPUCHON, POUR PNEUMATIQUE [72] FORD, ROBERT P., US [71] FORD, ROBERT P., US [85] 1999-07-13 [86] 1998-10-29 (PCT/US98/22932) [87] 1999-05-27 (WO99/25573) [30] US (08/971,175) 1997-11-14 [30] US (09/067,686) 1998-04-28</p>	<p style="text-align: right;">[21] 2,277,782 [13] A1</p> <p>[51] Int.Cl. 6E21B 17/01 6B63B 27/24 [25] EN [54] BUOYANCY DEVICE AND METHOD FOR USING SAME [54] DISPOSITIF FLOTTANT ET PROCEDE D'UTILISATION ASSOCIE [72] INGEBRETSEN, HELGE, NO [72] BULL, HENRIK, NO [71] ABB OFFSHORE TECHNOLOGY AS, NO [85] 1999-07-14 [86] 1998-01-13 (PCT/NO98/00011) [87] 1998-07-23 (WO98/31916) [30] NO (970188) 1997-01-15</p>

PCT Applications Entering the National Phase

[21] **2,277,783**
[13] A1

[51] **Int.Cl. 6B32B 15/14 6B29C 70/08 6B29C 70/78**
[25] FR
[54] **PANNEAU EN MATERIAU COMPOSITE A BORDURES PROTEGEES DES CHOCS**
[54] **COMPOSITE MATERIAL PANEL WITH SHOCK-PROTECTED EDGES**
[72] ANDRE, ROBERT, FR
[72] PORTE, ALAIN, FR
[71] **AÉROSPATIALE SOCIÉTÉ NATIONALE INDUSTRIELLE, FR**
[85] 1999-07-14
[86] 1998-11-18 (PCT/FR98/02464)
[87] 1999-06-03 (WO99/26781)
[30] FR (97/14868) 1997-11-21

[21] **2,277,784**
[13] A1

[51] **Int.Cl. 6C08H 5/02**
[25] EN
[54] **INTERMEDIATE FOR THE PRODUCTION OF LIGNIN POLYMERS AND THEIR USE IN THE PRODUCTION OF REAGENTS FOR THE PRODUCTION OF COMPOSITE MATERIALS FROM PLANT FIBERS, WATERPROOF PAPERS AND CARDBOARDS AS WELL AS DUROPLASTICS FROM LIGNIN DERIVATIVES**
[54] **PRODUIT INTERMEDIAIRE POUR LA PRODUCTION DE POLYMERES DE LIGNINE, ET SON UTILISATION POUR LA FABRICATION DE REACTIFS POUR LA PRODUCTION DE COMPOSITES DE FIBRES VEGETALES, DE PAPIERS ET CARTONS IMPERMEABILISES, AINSI QUE DE DUROPLASTES A BASE DE DERIVES DE LIGNINE**
[72] MAI, CARSTEN, DE
[72] NOETZOLD, SONJA, DE
[72] BRAUN-LULLEMANN, ANNETTE, DE
[72] FASTENRATH, MERLE, DE
[72] MAJCHERCZYK, ANDRZEJ, DE
[71] **STOCKHAUSEN GMBH & CO. KG, DE**
[85] 1999-07-13
[86] 1998-01-14 (PCT/DE98/00254)
[87] 1998-07-23 (WO98/31728)
[30] DE (197 00 902.6) 1997-01-14
[30] DE (197 00 904.2) 1997-01-14
[30] DE (197 00 906.9) 1997-01-14

[21] **2,277,785**
[13] A1

[51] **Int.Cl. 6B01D 53/66 6C02F 3/02 6C02F 1/78**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE RECUPERATION DU GAZ D'EVENT PROVENANT D'UN REACTEUR D'OZONATION**
[54] **METHOD FOR RECUPERATING VENT GAS COMING FROM AN OZONIZATION REACTOR**
[72] THIEBLIN, ERIC, FR
[72] MARCHAND, DENIS, FR
[72] ANDRÉ, MARC, FR
[72] LIECHTI, PIERRE, CH
[71] **DEGREMONT, FR**
[71] **OZONIA INTERNATIONAL, FR**
[85] 1999-07-14
[86] 1998-01-26 (PCT/FR98/00133)
[87] 1998-07-30 (WO98/32522)
[30] FR (97/00903) 1997-01-28

[21] **2,277,786**
[13] A1

[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **MASS LABEL LINKED HYBRIDISATION PROBES**
[54] **SONDES D'HYBRIDATION COUPLEES A DES MARQUEURS DE MASSE**
[72] THOMPSON, ANDREW HUGIN, GB
[72] JOHNSTONE, ROBERT ALEXANDER WALKER, GB
[72] SCHMIDT, GUNTER, GB
[71] **BRAX GROUP LIMITED, GB**
[85] 1999-07-14
[86] 1998-01-15 (PCT/GB98/00127)
[87] 1998-07-23 (WO98/31830)
[30] GB (9700746.2) 1997-01-15
[30] GB (9718255.4) 1997-08-28
[30] GB (9726953.4) 1997-12-19

[21] **2,277,787**
[13] A1

[51] **Int.Cl. 6C09J 123/08 6C09J 7/02**
[25] FR
[54] **ADHESIF THERMOFUSIBLE A BASE D'UN COPOLYMERE DE L'ETHYLENE ET D'UN (METH)ACRYLATE D'ALKYLE**
[54] **HOT MELT ADHESIVE BASED ON AN ETHYLENE COPOLYMER AND AN ALKYL (METH)ACRYLATE**
[72] RADIGON, ERIC, FR
[72] LEBEZ, JEAN, FR
[72] PIERROT, JEAN-MICHEL, FR
[71] **ELF ATOCHEM S.A., FR**
[85] 1999-07-14
[86] 1998-11-12 (PCT/FR98/02409)
[87] 1999-05-27 (WO99/25785)
[30] FR (97/14320) 1997-11-14

[21] **2,277,788**
[13] A1

[51] **Int.Cl. 6G01V 1/28**
[25] EN
[54] **METHOD FOR DETECTING GEOLOGICAL DISCONTINUITY IN AN ENVIRONMENT USING AN OPTICAL FLOW**
[54] **METHODE DE DETECTION D'UNE DISCONTINUTE GEOLOGIQUE PRESENTE DANS UN MILIEU PAR UTILISATION DU FLUX OPTIQUE**
[72] KESKES, NAAMEN, FR
[72] PAUGET, FABIEN, FR
[71] **ELF EXPLORATION PRODUCTION, FR**
[85] 1999-07-14
[86] 1998-12-04 (PCT/FR98/02625)
[87] 1999-06-17 (WO99/30186)
[30] FR (97/15486) 1997-12-08

[21] **2,277,789**
[13] A1

[51] **Int.Cl. 6A61N 1/39**
[25] EN
[54] **AN IMPLANTABLE ATRIAL DEFIBRILLATOR HAVING THERAPY INHIBITION RESPONSIVE TO ATRIAL CYCLE LENGTH**
[54] **DEFIBRILLATEUR AURICULAIRE IMPLANTABLE A INHIBITION DE THERAPIE EN FONCTION DE LA LONGUEUR DU CYCLE AURICULAIRE**
[72] KIM, JAEHO, US
[71] **CARDIAC PACEMAKERS, INC., US**
[85] 1999-07-14
[86] 1998-12-03 (PCT/US98/25609)
[87] 1999-06-10 (WO99/27994)
[30] US (08/984,588) 1997-12-03

Demandes PCT entrant en phase nationale

[21] **2,277,790**
[13] A1
[51] **Int.Cl. 6H01M 8/04 6B60L 11/18**
[25] EN
[54] **METHOD FOR OPERATING A PEM FUEL CELL INSTALLATION AND PEM FUEL CELL INSTALLATION**
[54] **UNITE A PILES A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE ET SON PROCEDE DE FONCTIONNEMENT**
[72] STUHLER, WALTER, DE
[72] KEIM, MARTIN, DE
[72] STENGER, HERBERT, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 1999-07-14
[86] 1998-01-07 (PCT/DE98/00037)
[87] 1998-07-23 (WO98/32185)
[30] DE (197 01 390.2) 1997-01-16

[21] **2,277,791**
[13] A1
[51] **Int.Cl. 6A61K 31/55 6A61K 9/28**
[25] EN
[54] **OXACARBAZEPINE FILM-COATED TABLETS**
[54] **COMPRIMES D'OXACARBAZEPINE ENROBES PAR PELLICULAGE**
[72] SCHLUTERMANN, BURKHARD, DE
[71] NOVARTIS AG, CH
[85] 1999-07-14
[86] 1998-02-12 (PCT/EP98/00794)
[87] 1998-08-20 (WO98/35681)
[30] CH (331/97) 1997-02-14

[21] **2,277,792**
[13] A1
[51] **Int.Cl. 6A46B 7/06**
[25] EN
[54] **A TOOTHBRUSH WITH FLEXIBLY MOUNTED BRISTLES**
[54] **BROSSE A DENTS A SOIES MONTEES FLEXIBLES**
[72] RAVEN, STEPHEN JOHN, GB
[72] SAVILL, DEREK GUY, GB
[71] UNILEVER PLC, GB
[85] 1999-07-14
[86] 1998-02-13 (PCT/EP98/00798)
[87] 1998-08-20 (WO98/35584)
[30] GB (9703274.2) 1997-02-17

[21] **2,277,793**
[13] A1
[51] **Int.Cl. 6A61K 39/40 6A61K 39/085 6A61K 39/09 6C07K 16/12 6C07K 14/31 6C07K 14/315 6A61K 39/385 6A61K 47/48 6G01N 33/68 6C12Q 1/68 6A61K 31/70**
[25] EN
[54] **FIBRONECTIN BINDING PROTEIN COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE PROTEINES SE LIANT A LA FIBRONECTINE ET LEURS PROCEDES D'UTILISATION**
[72] McGAVIN, MARTIN J., CA
[72] HOOK, MAGNUS, US
[72] JOH, DANNY, IT
[72] HOUSE-POMPEO, KAREN L., US
[72] PATTI, JOSEPH M., US
[72] SPEZIALE, PETRO, IT
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US
[85] 1999-07-14
[86] 1998-01-21 (PCT/US98/01222)
[87] 1998-07-23 (WO98/31389)
[30] US (60/036,139) 1997-01-21

[21] **2,277,794**
[13] A1
[51] **Int.Cl. 6F16D 3/84 6F16J 3/04 6B25B 27/28**
[25] FR
[54] **GAINES SOUPLE UNIVERSELLE A SOUFFLET POUR JOINT ARTICULE ET OUTILLAGES DE MISE EN PLACE DE CETTE GAINES**
[54] **UNIVERSAL FLEXIBLE SHEATH WITH BELLOW FOR ARTICULATED JOINT AND EQUIPMENT FOR FIXING SAME**
[72] MERSCH, PATRICK, FR
[71] YAMAJANY (SARL), FR
[85] 1999-07-16
[86] 1998-05-22 (PCT/FR98/01027)
[87] 1999-05-27 (WO99/25985)
[30] FR (97/14747) 1997-11-19

[21] **2,277,795**
[13] A1
[51] **Int.Cl. 6F02M 33/00**
[25] EN
[54] **A FUEL CONDITIONING ASSEMBLY**
[54] **ENSEMBLE DE CONDITIONNEMENT DE CARBURANT**
[72] RATNER, LEE, US
[71] RATNER, LEE, US
[85] 1999-07-13
[86] 1998-01-13 (PCT/US98/00777)
[87] 1998-07-16 (WO98/30795)
[30] US (08/782,348) 1997-01-13

[21] **2,277,796**
[13] A1
[51] **Int.Cl. 6G09G 3/00**
[25] EN
[54] **STACKED ORGANIC LIGHT EMITTING DEVICES**
[54] **DISPOSITIFS ORGANIQUES LUMINESCENTS EMPILES**
[72] BURROWS, PAUL, US
[72] FORREST, STEPHEN R., US
[71] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[85] 1999-07-13
[86] 1998-01-27 (PCT/US98/01412)
[87] 1998-08-06 (WO98/34214)
[30] US (08/792,046) 1997-02-03

[21] **2,277,797**
[13] A1
[51] **Int.Cl. 6H02G 3/28 6H02G 3/18**
[25] EN
[54] **COMMUNICATIONS CABLE INTERCONNECTION APPARATUS AND ASSOCIATED METHOD FOR AN OPEN OFFICE ARCHITECTURE**
[54] **APPAREIL D'INTERCONNEXION DE CABLES DE COMMUNICATION ET PROCEDE S'Y RAPPORTANT DESTINES A UNE ARCHITECTURE DE TYPE BUREAUX COMMUNIQUEMENTS**
[72] MURRAY, RICHARD A., US
[72] MURRAY, VICTOR E., US
[71] AMERICAN ACCESS TECHNOLOGIES, INC., US
[85] 1999-07-14
[86] 1998-01-15 (PCT/US98/00338)
[87] 1998-07-23 (WO98/32204)
[30] US (785,006) 1997-01-17

PCT Applications Entering the National Phase

[21] **2,277,798**
[13] A1

[51] **Int.Cl. 6G06F 15/16 6H04H 1/02 6H04N 7/14 6H04N 7/173**
[25] EN
[54] **SYSTEM FOR INTERACTIVELY DISTRIBUTING INFORMATION SERVICES**
[54] **SYSTEME POUR LA DISTRIBUTION INTERACTIVE DE SERVICES D'INFORMATIONS**
[72] VANDER STAR, JACK, CA
[72] KNIGHT, STANLEY P., US
[72] GOODE, CHRISTOPHER, US
[72] CHIN, DANNY, US
[72] GORDON, DONALD, US
[71] DIVA SYSTEMS CORPORATION, US
[85] 1999-07-13
[86] 1997-12-04 (PCT/US97/22631)
[87] 1998-07-16 (WO98/31115)
[30] US (60/034,489) 1997-01-13
[30] US (08/984,710) 1997-12-03

[21] **2,277,799**
[13] A1

[51] **Int.Cl. 6E21B 21/06**
[25] EN
[54] **CLOSED DEVICE FOR TREATMENT OF DRILLING FLUIDS AND CUTTINGS**
[54] **SYSTEME FERME DE TRAITEMENT DES BOUES ET DEBRIS DE FORAGE**
[72] KALVENES, OYSTEIN, NO
[72] JENSEN, OLE DAGFINN, NO
[71] MERCUR SUBSEA PRODUCTS ASA, NO
[85] 1999-07-14
[86] 1998-11-27 (PCT/NO98/00350)
[87] 1999-06-10 (WO99/28591)
[30] NO (975452) 1997-11-27

[21] **2,277,800**
[13] A1

[51] **Int.Cl. 6C23F 13/00**
[25] EN
[54] **CATHODIC PROTECTION TEST STATION**
[54] **POSTE DE CONTROLE DE PROTECTION CATHODIQUE**
[72] STAR, ROGER D., US
[72] DAYTON, ROBERT L., US
[71] CARSONITE INTERNATIONAL CORPORATION, US
[85] 1999-07-14
[86] 1998-01-29 (PCT/US98/01615)
[87] 1998-08-06 (WO98/33954)
[30] US (08/791,889) 1997-01-31

[21] **2,277,801**
[13] A1

[51] **Int.Cl. 6A61K 9/12 6A61K 9/00 6A61K 38/09 6A61K 31/135 6A61K 47/14 6A61K 9/16 6A61K 38/23 6A61K 38/28 6A61K 47/48**
[25] EN
[54] **PREPARATION OF PARTICLES FOR INHALATION**
[54] **PREPARATION DE PARTICULES POUR INHALATION**
[72] MINTZES, JEFFREY, US
[72] LANGER, ROBERT S., US
[72] EVORA, CARMEN, US
[72] HANES, JUSTIN, US
[72] EDWARDS, DAVID A., US
[72] VANBEVER, RITA, US
[72] CHEN, DONGHAO, US
[72] WANG, JUE, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] THE PENN STATE RESEARCH FOUNDATION, US
[85] 1999-07-13
[86] 1997-11-17 (PCT/US97/20930)
[87] 1998-07-23 (WO98/31346)
[30] US (784,421) 1997-01-16
[30] US (60/059,004) 1997-09-15

[21] **2,277,802**
[13] A1

[51] **Int.Cl. 6B28D 1/08 6B23D 61/18**
[25] EN
[54] **SAW MEMBER, LINK OF SAW MEMBER AND A METHOD OF PRODUCING A SAW MEMBER**
[54] **ELEMENT DE SCIE, LIAISON ET PROCEDE DE PRODUCTION DE CET ELEMENT SCIE**
[72] BERGLUND, BJORN, SE
[71] BERGLUND, BJORN, SE
[85] 1999-07-14
[86] 1998-01-28 (PCT/SE98/00124)
[87] 1998-07-30 (WO98/32578)
[30] SE (9700265-3) 1997-01-29

[21] **2,277,803**
[13] A1

[51] **Int.Cl. 6G06F 17/14**
[25] EN
[54] **METHOD AND APPARATUS FOR FFT COMPUTATION**
[54] **PROCEDE ET DISPOSITIF DE CALCUL DE TFR**
[72] ORLING, ANDERS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1999-07-14
[86] 1998-01-15 (PCT/SE98/00055)
[87] 1998-07-23 (WO98/32080)
[30] SE (9700099-6) 1997-01-15

[21] **2,277,804**
[13] A1

[51] **Int.Cl. 6C12Q 1/68**
[25] EN
[54] **PRODUCTION OF A LAMPBRUSH CHROMOSOME**
[54] **PRODUCTION D'UN CHROMOSOME PLUMEUX**
[72] GALL, JOSEPH G., US
[72] MURPHY, CHRISTINE V., US
[71] GALL, JOSEPH G., US
[71] MURPHY, CHRISTINE V., US
[85] 1999-07-14
[86] 1998-11-16 (PCT/US98/24475)
[87] 1999-05-27 (WO99/25875)
[30] US (60/066,103) 1997-11-17

[21] **2,277,806**
[13] A1

[51] **Int.Cl. 6B41K 1/02 6B41K 1/32 6B41K 1/50**
[25] EN
[54] **WALL DECORATION PAINT APPLYING DEVICE**
[54] **APPAREIL D'APPLICATION DE PEINTURE POUR LA REALISATION DE MOTIFS DECORATIFS SUR UN MUR**
[72] CARSEL, DALE ANTHONY, US
[71] CARSEL, DALE ANTHONY, US
[85] 1999-07-14
[86] 1998-01-14 (PCT/US98/00794)
[87] 1998-07-16 (WO98/30402)
[30] US (08/783,603) 1997-01-14

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,277,807 [13] A1</p> <p>[51] Int.Cl. 6B65D 51/28 [25] EN [54] COMPARTMENTALIZED TOP COVER PROMOTIONAL CLOSURE [54] FERMETURE PROMOTIONNELLE COMPARTIMENTEE DE COUVERCLE SUPERIEUR [72] WILLINGHAM, WENDELL D., US [72] SMITH, DAVID W., US [72] CERNY, DAVID L., US [72] MCBRIDE, STEPHEN W., US [71] ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC., US [85] 1999-07-14 [86] 1997-12-23 (PCT/US97/23766) [87] 1998-07-23 (WO98/31600) [30] US (08/786,809) 1997-01-21</p>	<p style="text-align: right;">[21] 2,277,810 [13] A1</p> <p>[51] Int.Cl. 6C11D 3/28 6D06L 3/12 6C11D 3/395 6C11D 3/42 [25] EN [54] PHOTOBLEACHING COMPOSITIONS EFFECTIVE ON DINGY FABRIC [54] COMPOSITIONS DE PHOTOBLANCHIMENT POUR TISSUS, EFFICACES SUR LES TACHES RESISTANTES [72] WILLEY, ALAN DAVID, US [72] INGRAM, DAVID WILLIAM, BE [72] BURCKETT-ST.LAURENT, JAMES CHARLES THEOPHILE ROGER, US [72] JEFFREYS, BRIAN, BE [71] THE PROCTER & GAMBLE COMPANY, US [85] 1999-07-14 [86] 1998-01-22 (PCT/US98/00227) [87] 1998-07-30 (WO98/32827) [30] US (60/035,842) 1997-01-24</p>	<p style="text-align: right;">[21] 2,277,813 [13] A1</p> <p>[51] Int.Cl. 6G01N 1/10 [25] EN [54] A PERFORATING ANALYTICAL TEST DEVICE [54] DISPOSITIF PERFORATEUR POUR ANALYSES [72] KOUVONEN, ILKKA, FI [71] OY MEDIX BIOCHEMICA AB, FI [85] 1999-07-14 [86] 1998-02-13 (PCT/FI98/00134) [87] 1998-08-20 (WO98/36259) [30] FI (970638) 1997-02-14</p>
<p style="text-align: right;">[21] 2,277,808 [13] A1</p> <p>[51] Int.Cl. 6A61B 19/00 6A61B 17/86 [25] EN [54] BONE FIXATION PIN WITH ROTARY CUTTING TIP [54] BROCHE DE FIXATION D'OS A EXTREMITE ROTATIVE COUPANTE [72] VOOR, MICHAEL J., US [71] RESEARCH CORPORATION TECHNOLOGIES, INC., US [85] 1999-07-14 [86] 1998-01-14 (PCT/US98/00278) [87] 1998-07-16 (WO98/30167) [30] US (60/036,096) 1997-01-14</p>	<p style="text-align: right;">[21] 2,277,811 [13] A1</p> <p>[51] Int.Cl. 6H04B 10/152 6H04J 14/02 [25] EN [54] CHANNEL CONTROL IN A WAVELENGTH DIVISION MULTIPLEXED COMMUNICATIONS NETWORK [54] CONTROLE DE VOIES DANS UN RESEAU DE COMMUNICATIONS MULTIPLEXEES PAR REPARTITION EN LONGUEURS D'ONDES [72] HAXELL, IAN, GB [71] ALCATEL, FR [85] 1999-07-14 [86] 1998-11-23 (PCT/EP98/07813) [87] 1999-06-03 (WO99/27665) [30] GB (9724822.3) 1997-11-24</p>	<p style="text-align: right;">[21] 2,277,814 [13] A1</p> <p>[51] Int.Cl. 6A61L 25/00 6A61L 2/02 [25] EN [54] LYOPHILIZED COLLAGEN-BASED BIOMATERIALS, PROCESS OF PREPARATION AND USES THEREOF [54] BIOMATERIAUX A BASE DE COLLAGENE LYOPHILISES, LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION [72] DELUSTRO, FRANK, US [72] PRIOR, JEFF, US [72] FREEMAN, ABBY, US [72] SIERRA, DAVID H., US [71] COHESION CORPORATION, US [85] 1999-07-14 [86] 1997-01-16 (PCT/US97/00447) [87] 1998-07-23 (WO98/31403)</p>
<p style="text-align: right;">[21] 2,277,809 [13] A1</p> <p>[51] Int.Cl. 6B65H 45/20 [25] EN [54] METHOD AND APPARATUS FOR COMPACTING AND WINDING FLAT STOCK [54] PROCEDE ET APPAREIL DE COMPACTAGE ET D'ENROULEMENT DE MATIERE PLATE [72] WILLINGHAM, WENDELL D., US [72] SIMPSON, RONALD O., US [72] WHITNEY, RALPH H., US [72] MATTSON, LARRY J., US [72] HAMPTON, MARSHALL B., US [71] ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC., US [85] 1999-07-14 [86] 1998-01-20 (PCT/US98/00974) [87] 1998-07-23 (WO98/31624) [30] US (08/785,982) 1997-01-21</p>	<p style="text-align: right;">[21] 2,277,812 [13] A1</p> <p>[51] Int.Cl. 6H02P 9/04 [25] EN [54] RESONANT MACROSONIC SYNTHESIS (RMS) ENERGY CONVERSION [54] CONVERSION D'ENERGIE PAR SYNTHESE MACROSONIQUE A RESONANCE (RMS) [72] LUCAS, TIMOTHY S., US [71] MACROSONIX CORPORATION, US [85] 1999-07-14 [86] 1998-01-15 (PCT/US98/00670) [87] 1998-07-23 (WO98/32216) [30] US (08/783,701) 1997-01-15</p>	<p style="text-align: right;">[21] 2,277,815 [13] A1</p> <p>[51] Int.Cl. 6C12M 1/22 6C12M 1/14 [25] EN [54] CELL-CULTURE SYSTEM [54] SYSTEME DE CULTURE DE CELLULES [72] BLOTT, PATRICK LEWIS, GB [72] POOLE, DAWN, GB [71] SMITH & NEPHEW PLC, GB [85] 1999-07-14 [86] 1998-01-14 (PCT/GB98/00116) [87] 1998-07-23 (WO98/31783) [30] GB (9700840.3) 1997-01-16</p>

PCT Applications Entering the National Phase

[21] **2,277,816**
[13] A1
[51] **Int.Cl. 6C12N 15/40 6C07K 16/10 6A61K 39/12 6C07K 14/18**
[25] EN
[54] **EPITOPES OF THE PROTEIN PRE-M/M OF THE DENGUE VIRUS, SYNTHETIC PEPTIDES**
[54] **EPITOPES DE LA PROTEINE PRE-M/M DU VIRUS DE LA DENGUE, PEPTIDES SYNTHETIQUES**
[72] GARAY PÉREZ, HILDA ELISA, CU
[72] VASQUEZ RAMUDO, SUSANA, CU
[72] MORIER DIAZ, LUIS, CU
[72] PUPO ANTUNEZ, MARITZA, CU
[72] PARDO LAZO, ORLANDO LUIS, CU
[72] CHINEA SANTIAGO, GLAY, CU
[72] PÉREZ DIAZ, ANA BEATRIZ, CU
[72] RODRIGUEZ ROCHE, ROSMARI, CU
[72] ALVAREZ VERA, MAYLIN, CU
[72] PÉREZ INSUITA, OMAIDA, CU
[72] GUILLÉN NIETO, GERARDO ENRIQUE, CU
[72] PADRON PALOMARES, GABRIEL, CU
[72] PELEGRINO MARTINEZ DE LA COTERA, JOSÉ LUIS, CU
[72] GUZMAN TIRADO, GUADALUPE, CU
[72] REYES ACOSTA, OSVALDO, CU
[71] INSTITUTO DE MEDICINA TROPICAL "PEDRO KOURI", CU
[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[85] 1999-07-14
[86] 1998-01-13 (PCT/CU98/00001)
[87] 1998-07-23 (WO98/31814)
[30] CU (13/97) 1997-01-15

[21] **2,277,817**
[13] A1
[51] **Int.Cl. 6A01H 1/00 6A01H 5/00**
[25] EN
[54] **TWO COMPONENT PLANT CELL LETHALITY METHODS AND COMPOSITIONS**
[54] **PROCEDES ET COMPOSITIONS A DEUX COMPOSANTS INDUISANT LA LETALITE CELLULAIRE VEGETALE**
[72] GUTTERSON, NEAL, US
[72] RALSTON, ED, US
[72] BURGESS, DIANE, US
[71] DNA PLANT TECHNOLOGY CORPORATION, US
[85] 1999-07-14
[86] 1998-01-23 (PCT/US98/01315)
[87] 1998-07-30 (WO98/32325)
[30] US (60/036,483) 1997-01-24
[30] US (60/065,989) 1997-11-14

[21] **2,277,818**
[13] A1
[51] **Int.Cl. 6H03H 7/30 6G06F 17/00**
[25] EN
[54] **DIGITAL SIGNAL MIXING ARCHITECTURE**
[54] **ARCHITECTURE DE MIXAGE DE SIGNAUX NUMERIQUES**
[72] MACKIE, GREG C., US
[72] WATTS, PETER F., US
[72] TUDOR, ROBERT J., US
[71] MACKIE DESIGNS INC., US
[85] 1999-07-14
[86] 1998-01-15 (PCT/US98/00689)
[87] 1998-07-23 (WO98/32223)
[30] US (60/035,520) 1997-01-15

[21] **2,277,819**
[13] A1
[51] **Int.Cl. 6C11D 3/28 6D06L 3/12 6C11D 3/395 6C11D 3/42**
[25] EN
[54] **SINGLET OXYGEN GENERATORS HAVING ENHANCED HEAVY ATOM EFFECT**
[54] **GENERATEURS D'OXYGENE SINGULET DOTES D'UN EFFET RENFORCE D'ATOME LOURD**
[72] INGRAM, DAVID WILLIAM, BE
[72] WILLEY, ALAN DAVID, US
[72] JEFFREYS, BRIAN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-07-14
[86] 1998-01-22 (PCT/US98/00222)
[87] 1998-07-30 (WO98/32824)
[30] US (60/034,159) 1997-01-24

[21] **2,277,820**
[13] A1
[51] **Int.Cl. 6C11D 3/28 6D06L 3/12 6C07D 47/22 6C11D 3/395 6C11D 3/42**
[25] EN
[54] **PHOTOCHEMICAL SINGLET OXYGEN GENERATORS HAVING CATIONIC SUBSTANTIVITY MODIFIERS**
[54] **GENERATEURS D'OXYGENE SINGULET PHOTOCHIMIQUE, COMPORTANT DES MODIFICATEURS D'AFFINITE CATIONIQUES**
[72] INGRAM, DAVID WILLIAM, BE
[72] WILLEY, ALAN DAVID, US
[72] JEFFREYS, BRIAN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-07-14
[86] 1998-01-22 (PCT/US98/00228)
[87] 1998-07-30 (WO98/32828)
[30] US (60/035,902) 1997-01-24

[21] **2,277,821**
[13] A1
[51] **Int.Cl. 6C11D 3/28 6C09B 47/04 6D06L 3/12 6C07D 487/22 6C11D 3/395 6C11D 3/42**
[25] EN
[54] **PHOTOCHEMICAL SINGLET OXYGEN GENERATORS HAVING ENHANCED SINGLET OXYGEN YIELDS**
[54] **GENERATEURS PHOTOCHIMIQUES D'OXYGENE SINGULET A RENDEMENT ACCRU EN OXYGENE SINGULET**
[72] JEFFREYS, BRIAN, BE
[72] WILLEY, ALAN DAVID, US
[72] HARRIMAN, ANTHONY, FR
[72] INGRAM, DAVID WILLIAM, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-07-14
[86] 1998-01-22 (PCT/US98/00223)
[87] 1998-07-30 (WO98/32825)
[30] US (60/035,904) 1997-01-24

[21] **2,277,822**
[13] A1
[51] **Int.Cl. 6H04Q 7/38**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING AUTHENTICATION SECURITY IN A WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL ASSURANT UNE SECURITE D'AUTHENTIFICATION DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL**
[72] QUICK, ROY F., US
[72] ROSE, GREGORY G., AU
[71] QUALCOMM INCORPORATED, US
[85] 1999-07-14
[86] 1997-12-19 (PCT/US97/23652)
[87] 1998-07-23 (WO98/32306)
[30] US (08/784,279) 1997-01-15

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[21] **2,277,823**
[13] A1

[51] **Int.Cl. 6G06F 19/00 6G09B 19/00**
[25] EN
[54] **METHODS AND APPARATUS FOR ASSESSING AND IMPROVING PROCESSING OF TEMPORAL INFORMATION IN HUMAN**
[54] **PROCEDES ET APPAREIL POUR EVALUER ET AMELIORER LE TRAITEMENT DES INFORMATIONS TEMPORELLES CHEZ LES ETRES HUMAINS**
[72] BLAKE, DAVID T., US
[72] WRIGHT, BEVERLY A., US
[72] NAGARAJAN, SRIKANTAN, US
[72] MERZENICH, MICHAEL M., US
[71] SCIENTIFIC LEARNING CORPORATION, US
[85] 1999-07-14
[86] 1998-11-09 (PCT/US98/23748)
[87] 1999-05-27 (WO99/26178)
[30] US (08/970,564) 1997-11-14

[21] **2,277,825**
[13] A1

[51] **Int.Cl. 6B21D 39/03 6B23K 26/00**
[25] EN
[54] **TAILORED BLANK**
[54] **EBAUCHE SUR MESURE**
[72] OGMEN, MELIH, CA
[72] HUGHES, DAVID, CA
[72] DULEY, WALTER, CA
[71] COSMA POWERLASERS LIMITED, CA
[85] 1999-07-14
[86] 1997-11-13 (PCT/CA97/00854)
[87] 1998-07-23 (WO98/31485)
[30] GB (9700652.2) 1997-01-14

[21] **2,277,826**
[13] A1

[51] **Int.Cl. 6A61B 5/103**
[25] EN
[54] **A COMPUTERIZED DEVICE FOR IMPROVING MOTOR CONTROL IN AN INDIVIDUAL BY SENSORY TRAINING**
[54] **DISPOSITIF INFORMATISE PERMETTANT D'AMELIORER LA MOTRICITE CHEZ UN SUJET PAR L'ENTRAINEMENT SENSITIF**
[72] BYL, NANCY N., US
[72] MERZENICH, MICHAEL M., US
[71] SCIENTIFIC LEARNING CORPORATION, US
[85] 1999-07-14
[86] 1998-11-09 (PCT/US98/23752)
[87] 1999-05-27 (WO99/25245)
[30] US (08/970,339) 1997-11-14

[21] **2,277,827**
[13] A1

[51] **Int.Cl. 6E04F 19/06**
[25] EN
[54] **DRYWALL CORNER FINISHING DEVICE**
[54] **DISPOSITIF DE FINITION POUR CLOISONS SECHES**
[72] JUDY, RUSSELL E., US
[72] STIBOLT, PAUL E., US
[71] JUDY, RUSSELL E., US
[71] STIBOLT, PAUL E., US
[85] 1998-12-09
[86] 1995-06-09 (PCT/US95/07387)
[87] 1996-12-27 (WO96/41927)

[21] **2,277,828**
[13] A1

[51] **Int.Cl. 6A62C 3/06**
[25] EN
[54] **METHODS FOR EXTINGUISHING TANK FIRES**
[54] **PROCEDES D'EXTINCTION D'INCENDIES DE RESERVOIRS**
[72] WILLIAMS, DWIGHT P., US
[72] LAVERGNE, ERIC, US
[71] WILLIAMS FIRE & HAZARD CONTROL, INC., US
[85] 1999-01-22
[86] 1996-12-15 (PCT/US96/19691)
[87] 1998-01-29 (WO98/03226)
[30] US (08/685,701) 1996-07-23
[30] US (08/735,213) 1996-10-21

[21] **2,277,829**
[13] A1

[51] **Int.Cl. 6A61J 3/00 6A61K 9/00**
[25] EN
[54] **APPARATUS AND METHOD FOR COATING A MATERIAL**
[54] **APPAREIL ET PROCEDE POUR APPLIQUER UN REVETEMENT**
[72] O'DONOGHUE, MICHAEL FRANCIS, AU
[72] MORRIS, JAMES ALLAN, AU
[71] SCIENTEC RESEARCH PTY LTD, AU
[85] 1999-04-30
[86] 1997-12-22 (PCT/AU97/00872)
[87] 1998-07-02 (WO98/27927)
[30] AU (PO 4315) 1996-12-20

[21] **2,277,830**
[13] A1

[51] **Int.Cl. 6B05D 1/38 6B05D 5/06 6B05D 7/24**
[25] EN
[54] **METHOD OF FORMING MULTIPLE-LAYERED COATING FILM**
[54] **PROCEDE DE FORMATION D'UN FILM PROTECTEUR MULTICOUCHE**
[72] UENO, NARUHITO, JP
[72] NAKAMURA, SHIGERU, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 1999-05-07
[86] 1996-11-08 (PCT/JP96/03278)
[87] 1998-05-22 (WO98/20984)

[21] **2,277,831**
[13] A1

[51] **Int.Cl. 6A61K 9/00 6A61K 47/44 6A61K 9/46**
[25] EN
[54] **TASTE MASKING FOR UNPALATABLE FORMULATIONS**
[54] **MASQUAGE DU GOUT POUR FORMULATIONS DESAGREABLES AU GOUT**
[72] CALLAHAN, THOMAS P., US
[71] BAYER CORPORATION, US
[85] 1999-07-14
[86] 1998-01-14 (PCT/US98/00211)
[87] 1998-07-23 (WO98/31344)
[30] US (08/782,433) 1997-01-15

[21] **2,277,832**
[13] A1

[51] **Int.Cl. 6C07K 7/54 6C12N 9/72**
[25] EN
[54] **CYCLIC PEPTIDES THAT BIND TO UROKINASE-TYPE PLASMINOGEN ACTIVATOR RECEPTOR**
[54] **PEPTIDES CYCLIQUES SE FIXANT A UN RECEPTEUR DE L'ACTIVATEUR DE PLASMINOGENE DE TYPE UROKINASE**
[72] VARGA, JANOS, US
[72] JONES, TERENCE R., US
[72] HANEY, DAVID N., US
[71] ANGSTROM PHARMACEUTICALS, INC., US
[85] 1999-05-11
[86] 1997-10-12 (PCT/US97/18967)
[87] 1998-05-22 (WO98/21230)
[30] US (08/747,915) 1996-11-12

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[21] **2,277,833**
[13] A1

[51] **Int.Cl. 6D21C 11/00**
[25] EN
[54] **A PROCESS FOR THE SEPARATION OF SULPHIDES FROM PULPING LIQUORS USING AMPHOTERIC RESINS**
[54] **PROCEDE SERVANT A SEPARER LES SULFURES DES LIQUEURS DE CUISSON AU MOYEN DE RESINES AMPHOTERES**
[72] BROWN, CRAIG J., CA
[72] BERRY, RICHARD McKINNON, CA
[72] SHEEDY, MICHAEL, CA
[72] PALEOLOGOU, MICHAEL, CA
[72] THOMPSON, ROKHSAREH, CA
[71] ECO-TEC LIMITED, CA
[71] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA
[85] 1999-07-14
[86] 1998-01-23 (PCT/CA98/00030)
[87] 1998-07-30 (WO98/32915)
[30] US (08/788,187) 1997-01-24

[21] **2,277,834**
[13] A1

[51] **Int.Cl. 6H04H 9/00 6H04N 7/173 6H04N 5/45 6H04N 5/50**
[25] EN
[54] **MEANS FOR CREATING A TELEVISION VIEWER PROFILE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE CREER UN PROFIL DE TELESPECTATEUR**
[72] BEDARD, KAREN, US
[71] MINDPORT B.V., NL
[85] 1999-05-14
[86] 1997-11-14 (PCT/US97/20995)
[87] 1998-05-22 (WO98/21877)
[30] US (08/751,537) 1996-11-15

[21] **2,277,835**
[13] A1

[51] **Int.Cl. 6H04N 7/16 6H04N 7/173**
[25] EN
[54] **METHOD AND APPARATUS FOR LOCATING A PROGRAM IN AN ELECTRONIC PROGRAM GUIDE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE REPERER UN PROGRAMME DANS UN GUIDE DE PROGRAMMATION ELECTRONIQUE**
[72] BEDARD, KAREN, US
[71] MINDPORT B.V., NL
[85] 1999-05-14
[86] 1997-11-14 (PCT/US97/20996)
[87] 1998-05-22 (WO98/21878)
[30] US (08/751,538) 1996-11-15

[21] **2,277,836**
[13] A1

[51] **Int.Cl. 6E05C 9/04 6E05B 55/14**
[25] EN
[54] **LOCK WITH CATCH BOLT FOR DOOR OR WINDOW**
[54] **SERRURE A PENE DEMI-TOUR POUR PORTE OU FENETRE**
[72] LILAS, ANDRE, FR
[71] FERCO INTERNATIONAL FERRURES ET SERRURES DE BATIMENT, FR
[85] 1999-07-14
[86] 1998-01-19 (PCT/EP98/00264)
[87] 1998-07-30 (WO98/32940)
[30] DE (297 01 070.0) 1997-01-22

[21] **2,277,837**
[13] A1

[51] **Int.Cl. 6G01N 33/34**
[25] EN
[54] **ELECTROMAGNETIC FIELD PERTURBATION SENSOR AND METHODS FOR MEASURING WATER CONTENT IN SHEETMAKING SYSTEMS**
[54] **DETECTEUR DE PERTURBATIONS DANS UN CHAMP ELECTROMAGNETIQUE ET PROCEDES DE MESURE DE LA TENEUR EN EAU DANS DES SYSTEMES DE FABRICATION DE FEUILLES**
[72] WALFORD, GRAHAM V., US
[72] CHASE, LEE, US
[72] GOSS, JOHN, US
[71] HONEYWELL-MEASUREX CORPORATION, US
[85] 1999-06-11
[86] 1997-12-12 (PCT/US97/22917)
[87] 1998-06-18 (WO98/26282)
[30] US (08/766,864) 1996-12-13

[21] **2,277,838**
[13] A1

[51] **Int.Cl. 6F25J 3/04**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING COMPRESSED NITROGEN**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'AZOTE COMPRIME**
[72] CORDUAN, HORST, DE
[72] KUNZ, CHRISTIAN, DE
[72] VOIT, JURGEN, DE
[72] ROTTMANN, DIETRICH, DE
[72] HAAG, WOLFGANG, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 1999-04-30
[86] 1997-10-30 (PCT/EP97/06010)
[87] 1998-05-07 (WO98/19122)
[30] DE (196 43 916.7) 1996-10-30
[30] EP (97102533.3) 1997-02-17
[30] DE (197 17 124.9) 1997-04-23
[30] DE (197 35 154.9) 1997-08-13

[21] **2,277,839**
[13] A1

[51] **Int.Cl. 6C07D 211/18 6A61K 31/445**
[25] EN
[54] **(-)-E-2-(3,4-DICHLOROCINNAMYL)-1-CYCLOPROPYLMETHYL-PIPERIDINE AND ITS ANTIDIARRHOEAL USE**
[54] **(-)-E-2-(3,4-DICHLOROCINNAMYL)-1-CYCLOPROPYLMETHYL-PIPERIDINE ET SON UTILISATION COMME ANTIDIARRHEIQUE**
[72] THEODOROU, VASSILIA, FR
[72] RIVIERE, PIERRE, FR
[72] CHOVET, MARIA, FR
[72] CALVET, ALAIN, FR
[72] DAHL, SVEIN GUNWALD, FR
[72] JACOBELLI, HENRY, FR
[71] PARKE-DAVIS, FR
[85] 1999-07-08
[86] 1998-03-04 (PCT/EP98/01564)
[87] 1998-09-11 (WO98/39296)
[30] FR (97/02713) 1997-03-05

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,277,840 [13] A1</p> <p>[51] Int.Cl. 6G10L 5/00 [25] EN [54] METHOD AND APPARATUS FOR CONTROLLING THE USE OF DISCONTINUOUS TRANSMISSION IN A CELLULAR TELEPHONE [54] PROCEDE ET DISPOSITIF DE COMMANDE DE L'UTILISATION D'UNE EMISSION DISCONTINUE DANS UN RESEAU TELEPHONIQUE CELLULAIRE [72] LAGERQVIST, TOMAS, SE [72] WAHLSTROM, PETER, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-06-21 [86] 1997-12-19 (PCT/SE97/02182) [87] 1998-07-02 (WO98/28734) [30] US (08/781,887) 1996-12-21</p>	<p style="text-align: right;">[21] 2,277,843 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/04 [25] EN [54] PINNED RETAINER SURGICAL FASTENERS, INSTRUMENTS AND METHODS FOR MINIMALLY INVASIVE VASCULAR AND ENDOSCOPIC SURGERY [54] APPAREILS CHIRURGICAUX DE FIXATION ET DE RETENUE A BROCHES, INSTRUMENTS ET PROCEDES PERMETTANT UNE CHIRURGIE VASCULAIRE ET ENDOSCOPIQUE LA MOINS EFFRACTIVE POSSIBLE [72] MCDONALD, PAUL T., US [72] GARDINER, BARRY N., US [72] PHIPPS, RICHARD D., US [71] COALESCENT SURGICAL, INC., US [85] 1999-07-08 [86] 1998-01-07 (PCT/US98/00795) [87] 1998-07-16 (WO98/30153) [30] US (08/781,578) 1997-01-09</p>	<p style="text-align: right;">[21] 2,277,845 [13] A1</p> <p>[51] Int.Cl. 6B05D 7/02 6D06B 1/02 6B05D 5/10 [25] FR [54] PROCEDE ET MACHINE D'ENCOLLAGE SUPERFICIEL DE PIECES SOUPLES A SURFACE POREUSE [54] METHOD AND DEVICE FOR SURFACE SIZING OF SOFT PIECES WITH POROUS SURFACE [72] GUILHEM, JACQUES, FR [72] GUILHEM, CHRISTIAN, FR [71] GUILHEM, JACQUES, FR [71] GUILHEM, CHRISTIAN, FR [85] 1999-06-21 [86] 1998-01-30 (PCT/FR98/00171) [87] 1998-08-06 (WO98/33602) [30] FR (97/01190) 1997-01-30</p>
<p style="text-align: right;">[21] 2,277,841 [13] A1</p> <p>[51] Int.Cl. 6A61F 2/06 6C21D 9/08 [25] EN [54] MULTILAYER COMPOSITE TUBULAR STRUCTURE AND METHOD OF MAKING [54] STRUCTURE TUBULAIRE COMPOSITE MULTICOUCHE ET PROCEDE DE FABRICATION [72] THOMAS, JOHN G., US [72] FARINA, JEFFREY M., US [72] ECKERT, JOHN K., US [72] GADDA, JOSEPH P., US [72] KELLY, JEFFREY C., US [71] STENT TECHNOLOGIES, INC., US [85] 1999-07-09 [86] 1997-12-03 (PCT/US97/21948) [87] 1998-07-23 (WO98/31304) [30] US (08/784,622) 1997-01-21</p>	<p style="text-align: right;">[21] 2,277,844 [13] A1</p> <p>[51] Int.Cl. 6G09G 1/06 6H04N 17/00 6G09G 5/02 [25] EN [54] ALIGNMENT OF CATHODE RAY TUBE VIDEO DISPLAYS USING A HOST COMPUTER PROCESSOR [54] ALIGNEMENT DE MONITEURS DE VISUALISATION A TUBE CATHODIQUE, AU MOYEN D'UN PROCESSEUR D'ORDINATEUR CENTRAL [72] WEBB, JAMES R., US [72] SIMPSON, RON C., US [71] DISPLAY LABORATORIES, INC., US [85] 1999-07-08 [86] 1998-01-12 (PCT/US98/00368) [87] 1998-07-23 (WO98/32279) [30] US (60/035,392) 1997-01-16 [30] US (08/986,257) 1997-12-05</p>	<p style="text-align: right;">[21] 2,277,846 [13] A1</p> <p>[51] Int.Cl. 6B25J 9/10 6B25J 11/00 [25] EN [54] A DEVICE FOR RELATIVE DISPLACEMENT OF TWO ELEMENTS [54] DISPOSITIF DE DEPLACEMENT RELATIF DE DEUX ELEMENTS [72] BROGARDH, TORGNY, SE [71] ASEA BROWN BOVERI AB, SE [85] 1999-07-08 [86] 1998-01-14 (PCT/SE98/00046) [87] 1998-07-16 (WO98/30366) [30] SE (9700090-5) 1997-01-14</p>
<p style="text-align: right;">[21] 2,277,842 [13] A1</p> <p>[51] Int.Cl. 6A61B 17/06 [25] EN [54] CURVED SURGICAL NEEDLES AND METHOD OF MAKING THE SAME [54] AIGUILLES CHIRURGICALES COURBES ET PROCEDE DE FABRICATION DE CES DERNIERES [72] HLAVACEK, ROBERT A., US [72] MONTI, CARL, US [72] BUTWELL, RICHARD A., US [71] TYCO GROUP S.A.R.L., LU [85] 1999-06-21 [86] 1997-12-18 (PCT/US97/23430) [87] 1998-07-02 (WO98/27872) [30] US (60/034,345) 1996-12-23</p>	<p style="text-align: right;">[21] 2,277,847 [13] A1</p> <p>[51] Int.Cl. 6C25C 3/00 6G01N 27/00 6G01N 33/20 [25] EN [54] METHOD AND APPARATUS FOR METAL EXTRACTION AND SENSOR DEVICE RELATED THERETO [54] PROCEDE ET APPAREIL D'EXTRACTION DES METAUX ET DISPOSITIF DE DETECTION ASSOCIE [72] BRITTEN, STEPHEN C., US [72] UDAY, PAL, US [71] TRUSTEES OF BOSTON UNIVERSITY, US [85] 1999-07-06 [86] 1998-01-06 (PCT/US98/00456) [87] 1998-07-16 (WO98/30738) [30] US (60/034,687) 1997-01-06</p>	

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,277,848 [13] A1</p> <p>[51] Int.Cl. 6G06F 17/60 [25] EN [54] INTELLIGENT AGENT WITH NEGOTIATION CAPABILITY AND METHOD OF NEGOTIATION THEREWITH [54] AGENT INTELLIGENT POSSEDANT DES CAPACITES DE NEGOCIATION ET PROCEDE DE NEGOCIATION AU MOYEN DE CET AGENT INTELLIGENT [72] BIGUS, JOSEPH PHILLIP, US [72] CRAGUN, BRIAN JOHN, US [72] DELP, HELEN ROXLO, US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [85] 1999-07-08 [86] 1998-03-12 (PCT/US98/04878) [87] 1998-10-01 (WO98/43146) [30] US (08/821,935) 1997-03-21</p>	<p style="text-align: right;">[21] 2,277,851 [13] A1</p> <p>[51] Int.Cl. 6C08L 25/02 6C08L 25/04 6C08L 25/08 [25] EN [54] THERMOPLASTIC MOULDING COMPOUNDS [54] MATIERES DE MOULAGE THERMOPLASTIQUES [72] WUNSCH, JOSEF, DE [72] GAUSEPOHL, HERMANN, DE [72] SCHNEIDER, MICHAEL, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-07-06 [86] 1997-12-19 (PCT/EP97/07167) [87] 1998-07-16 (WO98/30630) [30] DE (19700306.0) 1997-01-09</p>	<p style="text-align: right;">[21] 2,277,857 [13] A1</p> <p>[51] Int.Cl. 6D06F 39/00 6C02F 1/00 [25] EN [54] WASHING PROCESS WITH WASTE WATER RECYCLING [54] PROCEDE DE LAVAGE AVEC RECYCLAGE DES EAUX USEES [72] GOEBEL, IRMHILD, DE [72] GUHL, WALTER, DE [72] WIESER, HANS-JOSEF, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 1999-07-07 [86] 1997-12-19 (PCT/EP97/07170) [87] 1998-07-16 (WO98/30746) [30] DE (197 00 155.6) 1997-01-07</p>
<p style="text-align: right;">[21] 2,277,849 [13] A1</p> <p>[51] Int.Cl. 6H05B 3/06 [25] EN [54] AN INFRARED RADIATION PANEL [54] PANNEAU A RAYONNEMENT INFRAROUGE [72] JOHANSSON, LARS-GORAN, SE [71] KANTHAL AB, SE [85] 1999-07-06 [86] 1998-01-15 (PCT/SE98/00063) [87] 1998-07-30 (WO98/33358) [30] SE (9700267-9) 1997-01-29</p>	<p style="text-align: right;">[21] 2,277,852 [13] A1</p> <p>[51] Int.Cl. 6C08F 12/04 [25] EN [54] PROCESS FOR PREPARING POLYMERS FROM VINYLAROMATIC COMPOUNDS BY DISPERSION POLYMERIZATION [54] PROCEDE DE PREPARATION DE POLYMERISATS A BASE DE COMPOSES VINYLAROMATIQUES PAR POLYMERISATION EN DISPERSION [72] WUNSCH, JOSEF, DE [72] SCHNEIDER, MICHAEL, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-07-06 [86] 1997-12-19 (PCT/EP97/07213) [87] 1998-07-16 (WO98/30613) [30] DE (19700305.2) 1997-01-09</p>	<p style="text-align: right;">[21] 2,277,858 [13] A1</p> <p>[51] Int.Cl. 6B01D 17/038 [25] EN [54] A CENTRIFUGE APPARATUS WITH TEMPERATURE CONTROL MEANS [54] CENTRIFUGEUSE A SYSTEME DE CONTROLE DE TEMPERATURE [72] HOLM, NIELS ERIK, DK [72] JORGENSEN, GLENN A., DK [72] HVID, NIELS, DK [71] BRISTOL-MYERS SQUIBB COMPANY, US [85] 1999-07-07 [86] 1998-01-08 (PCT/US98/00251) [87] 1998-07-16 (WO98/30304) [30] US (60/034,056) 1997-01-08</p>
<p style="text-align: right;">[21] 2,277,850 [13] A1</p> <p>[51] Int.Cl. 6C12Q 1/68 6G01N 33/53 [25] EN [54] GENETIC ALTERATIONS ASSOCIATED WITH CANCER [54] MODIFICATIONS GENETIQUES ASSOCIEES AU CANCER [72] GRAY, JOE W., US [72] SHAYESTEH, LALEH, US [72] MILLS, GORDON, US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 1999-07-06 [86] 1998-01-15 (PCT/US98/00839) [87] 1998-07-23 (WO98/31324) [30] US (08/783,729) 1997-01-16 [30] US (08/837,046) 1997-04-05 [30] US (08/905,508) 1997-08-04</p>	<p style="text-align: right;">[21] 2,277,854 [13] A1</p> <p>[51] Int.Cl. 6B63B 39/00 [25] EN [54] HULL CONSTRUCTION [54] STRUCTURE DE COQUE [72] KJERSEM, GEIR, NO [71] LMG MARIN AS, NO [85] 1999-07-07 [86] 1998-01-07 (PCT/NO98/00003) [87] 1998-07-16 (WO98/30439) [30] NO (970044) 1997-01-07</p>	<p style="text-align: right;">[21] 2,277,860 [13] A1</p> <p>[51] Int.Cl. 6B04B 15/00 [25] EN [54] CENTRIFUGE APPARATUS FOR SEPARATING BLOOD [54] CENTRIFUGEUSE POUR LA SEPARATION DU SANG [72] HOLM, NIELS ERIK, DK [72] JORGENSEN, GLENN A., DK [71] BRISTOL-MYERS SQUIBB COMPANY, US [85] 1999-07-07 [86] 1998-01-08 (PCT/US98/00488) [87] 1998-07-16 (WO98/30331) [30] US (60/034,055) 1997-01-08</p>

Demandes PCT entrant en phase nationale

[21] **2,277,916**
[13] A1

[51] **Int.Cl. 6C12P 13/00**
[25] EN
[54] **ENZYMATIC PROCESSES FOR PREPARING (S)-CYANOHYDRINS**
[54] **PROCEDES ENZYMATIQUES POUR PREPARER DES (S)-CYANHYDRINES**
[72] KIRCHNER, GERALD, DE
[72] WERENKA, CHRISTIAN, AT
[72] GRIENGL, HERFRIED, AT
[72] SCHMIDT, MICHAEL, AT
[72] WIRTH, IRMA, AT
[71] DSM FINE CHEMICALS AUSTRIA GMBH, AT
[85] 1999-07-13
[86] 1997-05-26 (PCT/EP97/02692)
[87] 1998-07-16 (WO98/30711)
[30] AT (A 41/97) 1997-01-13

[21] **2,277,926**
[13] A1

[51] **Int.Cl. 6B01D 15/04 6C01G 29/00 6B01J 41/00 6B01J 20/22 6B01D 59/30 6G01N 30/96**
[25] EN
[54] **METHOD FOR SEPARATING BI-213 FROM A SOLUTION OF RADIONUCLIDES**
[54] **PROCEDE DE SEPARATION DE BI-213 D'UNE SOLUTION DE RADIONUCLEIDES**
[72] DES CHANE, JAQUETTA R., US
[72] BRAY, LANE A., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 1999-07-14
[86] 1998-01-28 (PCT/US98/01600)
[87] 1998-07-30 (WO98/32513)
[30] US (08/789,973) 1997-01-28

[21] **2,277,940**
[13] A1

[51] **Int.Cl. 6A47B 96/06 6F25D 25/02**
[25] EN
[54] **CONNECTING ELEMENT**
[54] **ELEMENT DE FIXATION**
[72] ANDERSSON, KENNETH, SE
[72] LINDQUIST, PER OLAF, SE
[72] MOSELEY, ANDREW, DE
[72] KLASSON, THOMAS, SE
[71] ELECTROLUX SIEGEN GMBH, DE
[85] 1999-07-14
[86] 1998-12-01 (PCT/EP98/07747)
[87] 1999-06-10 (WO99/27817)
[30] DE (297 21 281.8) 1997-12-01

[21] **2,277,960**
[13] A1

[51] **Int.Cl. 6C04B 7/00 6C08J 3/00 6C08K 5/06 6C08K 5/15 6C08K 5/521 6C08K 5/54 6C08K 5/55**
[25] EN
[54] **EMULSIFIED COMB POLYMER AND DEFOAMING AGENT COMPOSITION AND METHOD OF MAKING SAME**
[54] **POLYMERE PEIGNE EMULSIONNE, COMPOSITION D'AGENT ANTIMOUSSE, ET PROCEDE DE FABRICATION**
[72] DARWIN, DAVID CHARLES, US
[72] SHEN, DING FENG, US
[72] TAYLOR, ROBERT T., US
[72] JEKNAVORIAN, ARA A., US
[71] W. R. GRACE & CO.-CONN., US
[85] 1999-07-20
[86] 1998-01-20 (PCT/US98/00893)
[87] 1998-07-23 (WO98/31643)
[30] US (60/039,149) 1997-01-21

[21] **2,278,039**
[13] A1

[51] **Int.Cl. 6F04B 53/14 6F04B 39/00 6F04B 53/00**
[25] EN
[54] **RECIPROCATING COMPRESSOR**
[54] **COMPRESSEUR A PISTON ALTERNATIF**
[72] BAUMANN, HEINZ, CH
[71] MASCHINENFABRIK SULZER-BURCKHARDT AG, CH
[85] 1999-07-15
[86] 1997-01-17 (PCT/CH97/00015)
[87] 1998-07-23 (WO98/31936)

[21] **2,278,090**
[13] A1

[51] **Int.Cl. 6C08G 77/50 6C09D 183/14**
[25] EN
[54] **POLYMERIC ORGANOSILICON COMPOUNDS, THEIR PRODUCTION AND USE**
[54] **COMPOSES ORGANOSILICIES POLYMERES, LEUR PRODUCTION ET LEUR UTILISATION**
[72] BANFIC, ROBERT, DE
[72] DEUBZER, BERNWARD, DE
[72] HUETTNER, DAVID, US
[72] HERZIG, CHRISTIAN, DE
[72] STALLBAUER, REINHARD, DE
[71] WACKER-CHEMIE GMBH, DE
[85] 1999-07-15
[86] 1998-01-15 (PCT/EP98/00205)
[87] 1998-07-23 (WO98/31727)
[30] DE (19701393.7) 1997-01-16

[21] **2,278,104**
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 14/47 6C12Q 1/68**
[25] EN
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**
[72] LAVALLIE, EDWARD R., US
[72] RACIE, LISA A., US
[72] JACOBS, KENNETH, US
[72] AGOSTINO, MICHAEL J., US
[72] MCCOY, JOHN M., US
[72] MERBERG, DAVID, US
[71] GENETICS INSTITUTE, INC., US
[85] 1999-07-13
[86] 1998-01-13 (PCT/US98/00575)
[87] 1998-07-16 (WO98/30696)
[30] US (08/783,395) 1997-01-13
[30] US (08/866,022) 1997-05-30
[30] US (08/924,838) 1997-09-05
[30] US (09/005,986) 1998-01-12
[30] WO (PCT/US97/05682) 1997-04-04

[21] **2,278,106**
[13] A1

[51] **Int.Cl. 6A61K 47/48**
[25] EN
[54] **TISSUE FACTOR METHODS AND COMPOSITIONS FOR COAGULATION AND TUMOR TREATMENT**
[54] **METHODES ET COMPOSITIONS DE THROMBOPLASTINE TISSULAIRE POUR LE TRAITEMENT DE LA COAGULATION ET DES TUMEURS**
[72] KING, STEVEN W., US
[72] GAO, BONING, US
[72] THORPE, PHILIP E., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 1999-07-13
[86] 1998-01-20 (PCT/US98/01012)
[87] 1998-07-23 (WO98/31394)
[30] US (60/035,920) 1997-01-22
[30] US (60/036,205) 1997-01-27
[30] US (60/042,427) 1997-03-27

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[21] **2,278,107**

[13] A1

[51] **Int.Cl. 6C12N 15/85 6C12N 15/62**
[25] EN
[54] **DNA EXPRESSION IN TRANSFECTED CELLS AND ASSAYS CARRIED OUT IN TRANSFECTED CELLS**
[54] **EXPRESSION DE L'ADN DANS DES CELLULES TRANSFECTEES ET DOSAGES EFFECTUES DANS DES CELLULES TRANSFECTEES**
[72] NIWA, HITOSHI, GB
[72] CHAMBERS, IAN PAUL, GB
[72] BLACKBURN, CATHERINE CLARE, GB
[72] SMITH, AUSTIN, GB
[72] MEDVINSKY, ALEXANDER LEONIDOVITCH, GB
[71] THE UNIVERSITY OF EDINBURGH, GB
[85] 1999-07-19
[86] 1998-01-26 (PCT/GB98/00216)
[87] 1998-07-30 (WO98/32868)
[30] GB (9701492.2) 1997-01-24

[21] **2,278,126**

[13] A1

[51] **Int.Cl. 6E21B 37/00**
[25] EN
[54] **DEVICE FOR RINSING GAS AND OIL BORE HOLES OF UNDERGROUND EXTRACTION MACHINERY**
[54] **DISPOSITIF POUR RINCER LES TROUS DE GAZ ET D'HUILE D'UN SYSTEME D'EXTRACTION SOUTERRAIN**
[72] MULLER, MANFRED, DE
[71] MOBIL OIL CORPORATION, US
[85] 1999-07-13
[86] 1998-01-21 (PCT/EP98/00298)
[87] 1998-07-30 (WO98/32949)
[30] DE (197 02 197.2) 1997-01-23

[21] **2,278,177**

[13] A1

[51] **Int.Cl. 6E02F 3/36 6E02F 9/26**
[25] EN
[54] **CONTROL APPARATUS AND METHOD FOR CONSTRUCTION MACHINE**
[54] **APPAREIL ET PROCEDE POUR COMMANDER UNE MACHINE DE CONSTRUCTION**
[72] HIKIYAMA, MITSURU, JP
[72] MIKI, MASATOSHI, JP
[71] SHIN CATERPILLAR MITSUBISHI LTD., JP
[85] 1999-07-16
[86] 1998-10-13 (PCT/JP98/04623)
[87] 1999-06-03 (WO99/27195)
[30] JP (HEI 9-323444) 1997-11-25

[21] **2,278,194**

[13] A1

[51] **Int.Cl. 6G06F 17/30 6H04L 29/06**
[25] EN
[54] **PROXY HOST COMPUTER AND METHOD FOR ACCESSING AND RETRIEVING INFORMATION BETWEEN A BROWSER AND A PROXY**
[54] **ORDINATEUR HOTE MANDATAIRE ET PROCEDE D'ACCES ET D'EXTRACTION D'INFORMATION ENTRE UN NAVIGATEUR ET UN MANDATAIRE**
[72] BATTIN, ROBERT D., US
[72] THERIAULT, ROGER, US
[72] LOCKHART, THOMAS WAYNE, CA
[71] MOTOROLA, INC., US
[85] 1999-07-19
[86] 1997-12-19 (PCT/US97/23431)
[87] 1998-07-30 (WO98/33130)
[30] US (08/788,971) 1997-01-24

[21] **2,278,211**

[13] A1

[51] **Int.Cl. 6F02D 41/34 6F02D 41/14**
[25] EN
[54] **DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE WITH CONTROLLED IGNITION AND DIRECT INJECTION**
[54] **DISPOSITIF DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE A ALLUMAGE COMMANDE ET INJECTION DIRECTE**
[72] SANS, MARIANO, FR
[71] SIEMENS AUTOMOTIVE S.A., FR
[85] 1999-07-20
[86] 1998-01-14 (PCT/EP98/00188)
[87] 1998-07-23 (WO98/31927)
[30] FR (97/00648) 1997-01-20

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] **2,276,548**
[13] A1
[51] Int.Cl. 6C12N 15/62 6C07K 19/00
6C12P 21/02 6C12N 15/12 6C07K 1/18
6C07K 14/47
[25] EN
[54] IMPROVED METHODS FOR THE
PREPARATION OF ENDOTOXIN-
BINDING PROTEINS
[54] METHODES AMELIOREES DE
PREPARATION DE PROTEINE FIXANT
LES ENDOTOXINES
[72] GRINNA, LYNN S., US
[71] XOMA CORPORATION, US
[22] 1993-05-19
[43] 1993-11-25
[62] 2,136,208
[30] US (07/885,501) 1992-05-19

[21] **2,276,945**
[13] A1
[51] Int.Cl. 6C07D 231/54 6C07D 487/04
6C07D 491/04 6C07D 495/04 6A61K 31/
415
[25] EN
[54] TRICYCLIC-SUBSTITUTED
PYRAZOLYL
BENZENESULFONAMIDES AND
PHARMACEUTICAL COMPOSITIONS
THEREOF
[54] PYRAZOLYLE
BENZENESULFONAMIDE
TRICYCLIQUE-SUBSTITUE ET LEURS
COMPOSITIONS
PHARMACEUTIQUES
[72] CARTER, JEFFERY S., US
[72] BERTENSHAW, STEPHEN R., US
[72] KHANNA, ISH K., US
[72] TALLEY, JOHN J., US
[72] GRANETS, MATTHEW J., US
[72] ROGIER, DONALD J., JR., US
[72] COLLINS, PAUL W., US
[72] PENNING, THOMAS D., US
[72] ROGERS, ROLAND S., US
[72] DOCTER, STEPHEN H., US
[72] YU, STELLA S., US
[72] MIYASHIRO, JULIE M., US
[72] MALECHA, JAMES W., US
[71] G.D. SEARLE & CO., US
[22] 1994-11-14
[43] 1995-06-08
[62] 2,177,576
[30] US (08/160,594) 1993-11-30
[30] US (08/223,629) 1994-04-06

[21] **2,276,946**
[13] A1
[51] Int.Cl. 6C07D 231/10 6C07D 401/04
6C07D 403/04 6C07D 405/04 6C07D 409/
04 6C07D 413/04 6C07D 417/04 6C07D
471/04 6C07D 487/04 6A61K 31/415
6A61K 31/44 6A61K 31/495 6A61K 31/535
[25] EN
[54] SUBSTITUTED PYRAZOLYL
BENZENESULFONAMIDES AND
PHARMACEUTICAL COMPOSITIONS
CONTAINING THE SAME
[54] PYRAZOLYLE
BENZENESULFONAMIDE SUBSTITUE
ET LEURS COMPOSITIONS
PHARMACEUTIQUES
[72] KHANNA, ISH K., US
[72] GRANETS, MATTHEW J., US
[72] PENNING, THOMAS D., US
[72] TALLEY, JOHN J., US
[72] ROGERS, ROLAND S., US
[72] YU, STELLA S., US
[72] CARTER, JEFFERY S., US
[72] DOCTER, STEPHEN H., US
[72] COLLINS, PAUL W., US
[72] MIYASHIRO, JULIE M., US
[72] BERTENSHAW, STEPHEN R., US
[72] ROGIER, DONALD J., JR., US
[72] MALECHA, JAMES W., US
[71] G.D. SEARLE & CO., US
[22] 1994-11-14
[43] 1995-06-08
[62] 2,177,576
[30] US (08/160,594) 1993-11-30
[30] US (08/223,629) 1994-04-06

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[21] **2,277,650**
[13] A1

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **APPARATUS FOR SELECTING SHAFT WITH OPTIMUM FLEX FOR GOLFER**
[54] **DISPOSITIF PERMETTANT DE SELECTIONNER LE SHAFT DE SOUPLESSE OPTIMAL POUR UN JOUEUR DE GOLF**
[72] SAITO, TAKESHI, JP
[72] NARUO, TAKESHI, JP
[72] NOGUCHI, SHUICHI, JP
[71] MIZUNO CORPORATION, JP
[22] 1995-10-12
[43] 1996-04-25
[62] 2,178,215
[30] JP (6-250474) 1994-10-17
[30] JP (7-11513) 1995-01-27

[21] **2,277,651**
[13] A1

[51] **Int.Cl. 6A63B 71/06 6A63B 71/02**
[25] EN
[54] **APPARATUS FOR SELECTING SHAFT WITH OPTIMUM FLEX FOR GOLFER**
[54] **DISPOSITIF PERMETTANT DE SELECTIONNER LE SHAFT DE SOUPLESSE OPTIMALE POUR UN JOUEUR DE GOLF**
[72] NOGUCHI, SHUICHI, JP
[72] SAITO, TAKESHI, JP
[72] NARUO, TAKESHI, JP
[71] MIZUNO CORPORATION, JP
[22] 1995-10-12
[43] 1996-04-25
[62] 2,178,215
[30] JP (6-250474) 1994-10-17
[30] JP (7-11513) 1995-01-27

[21] **2,277,659**
[13] A1

[51] **Int.Cl. 6A63B 71/06 6A63B 71/00**
[25] EN
[54] **APPARATUS FOR SELECTING SHAFT WITH OPTIMUM FLEX FOR GOLFER**
[54] **DISPOSITIF PERMETTANT DE SELECTIONNER LE SHAFT DE SOUPLESSE OPTIMALE POUR UN JOUEUR DE GOLF**
[72] NARUO, TAKESHI, JP
[72] SAITO, TAKESHI, JP
[72] NOGUCHI, SHUICHI, JP
[71] MIZUNO CORPORATION, JP
[22] 1995-10-12
[43] 1996-04-25
[62] 2,178,215
[30] JP (6-250474) 1994-10-17
[30] JP (7-11513) 1995-01-27

[21] **2,277,661**
[13] A1

[51] **Int.Cl. 6H04N 7/15 6H04M 3/56**
[25] EN
[54] **PICTURE CODEC AND TELECONFERENCE TERMINAL EQUIPMENT**
[54] **CODEC D'IMAGERIE ET EQUIPEMENT TERMINAL POUR TELECONFERENCES**
[72] YAMADA, TAKEHIKO, JP
[72] EBIHARA, TORU, JP
[72] MARUYAMA, YUKINOBU, JP
[72] SHIBATA, YOJI, JP
[72] YOSHIDA, ATSUO, JP
[72] FURUYA, JUN, JP
[72] TAKIZAWA, MASAOKI, JP
[72] MATSUSHIMA, HITOSHI, JP
[72] YOSHIKAWA, HIROSHI, JP
[71] HITACHI, LTD., JP
[22] 1992-07-15
[43] 1993-01-16
[62] 2,073,921
[30] JP (3-174049) 1991-07-15
[30] JP (4-11196) 1992-01-24

[21] **2,277,663**
[13] A1

[51] **Int.Cl. 6F16C 43/00 6G11B 7/00 6H02K 41/02 6B23P 19/02 6G01M 13/04 6G11B 7/24 6G02B 27/62**
[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING INFORMATION STORAGE DEVICES**
[54] **METHODE ET APPAREIL DE FABRICATION DE DISPOSITIFS DE STOCKAGE D'INFORMATION**
[72] MEYER, RUSSELL A., US
[72] KNORR, CHRISTOPHER A., US
[72] HOOVER, DOUGLAS E., US
[72] PAPIERNIK, DAVID L., US
[72] ANDERSON, GARY, US
[72] RUSSELL, ROBERT G., US
[72] HALL, HOLLIS O'NEAL II, US
[72] MONSEN, CHRISTOPHER J., US
[72] MURPHY, KENT T., US
[72] HEATON, HERBERT E., US
[72] LOUIE, JAMES K., US
[72] DePUY, CHARLES, US
[72] HOLLEN, ZDENEK A., US
[72] TAYLOR, WILHELM, US
[72] GRASSENS, LEONARDUS J., US
[71] DISCOVISION ASSOCIATES, US
[22] 1996-07-16
[43] 1997-08-07
[62] 2,181,298
[30] US (08/596,000) 1996-02-06

[21] **2,277,665**
[13] A1

[51] **Int.Cl. 6G02B 5/26 6H04J 14/02**
[25] EN
[54] **OPTICAL WAVEGUIDING COMPONENT COMPRISING A BAND-PASS FILTER**
[54] **GUIDE DE LUMIERE D'UN FILTRE PASSE-BANDE**
[72] MIZRAHI, VICTOR, US
[71] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US
[22] 1994-03-15
[43] 1994-12-18
[62] 2,119,045
[30] US (078,992) 1993-06-17

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[21] **2,277,679**
[13] A1

[51] **Int.Cl. 6B05D 7/22 6A61J 1/05**
[25] EN
[54] **BLOOD COLLECTION TUBE ASSEMBLY**
[54] **DISPOSITIF DE PRELEVEMENT SANGUIN**
[72] KNORS, CHRISTOPHER JOHN, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 1997-01-14
[43] 1997-07-31
[62] 2,195,049
[30] US (08/594,078) 1996-01-30

[21] **2,277,721**
[13] A1

[51] **Int.Cl. 6C12N 9/24 6A23G 9/02 6C07K 16/16 6A23L 3/37 6C07K 14/415 6G01N 33/53**
[25] EN
[54] **COLD TOLERANCES IN PLANTS**
[54] **AMELIORATION DE LA TOLERANCE DES PLANTES AU FROID**
[72] GRIFFITH, MARILYN, CA
[71] UNIVERSITY OF WATERLOO, CA
[22] 1992-06-12
[43] 1992-12-23
[62] 2,110,510
[30] GB (91 12774.6) 1991-06-13
[30] GB (91 26485.3) 1991-12-13

[21] **2,277,722**
[13] A1

[51] **Int.Cl. 6A61K 9/20 6A61K 47/02 6A61K 31/53**
[25] EN
[54] **WATER DISPERSIBLE TABLETS**
[54] **COMPRIMES DISPERSABLES DANS L'EAU**
[72] FIELDEN, KRZYSTYNA ELZBIETA, GB
[71] THE WELLCOME FOUNDATION LIMITED, GB
[22] 1992-01-29
[43] 1992-07-31
[62] 2,098,108
[30] GB (91 248 07.0) 1991-11-22
[30] GB (91 248 03.9) 1991-11-22
[30] GB (91 250 05.0) 1991-11-25

[21] **2,277,723**
[13] A1

[51] **Int.Cl. 6G06T 17/00 6G02B 27/22**
[25] EN
[54] **METHOD AND SYSTEM FOR CONSTRUCTING AND DISPLAYING THREE-DIMENSIONAL IMAGES**
[54] **PROCEDE ET SYSTEME DE RECONSTITUTION ET DE PRESENTATION D'UNE IMAGE EN TROIS DIMENSIONS**
[72] FENSTER, AARON, CA
[72] DUNNE, SHANE, CA
[72] CHAN, THOMAS K., CA
[72] DOWNEY, DONAL, CA
[71] LONDON HEALTH SCIENCES CENTRE, CA
[22] 1995-06-23
[43] 1996-01-04
[62] 2,193,485
[30] US (08/264,800) 1994-06-23

[21] **2,277,724**
[13] A1

[51] **Int.Cl. 6A61K 39/385 6A61K 39/00**
[25] EN
[54] **A COMPOSITION FOR INDUCING HUMORAL ENERGY TO AN IMMUNOGEN**
[54] **COMPOSITION DESTINEE A PROVOQUER UNE ENERGIE HUMORALE A UN IMMUNOGENE**
[72] BARSTAD, PAUL ARYLIN, US
[72] IVERSON, GILBERT MICHAEL, US
[71] LA JOLLA PHARMACEUTICAL COMPANY, US
[22] 1992-02-04
[43] 1992-08-09
[62] 2,076,648
[30] US (652,648) 1992-02-08

[21] **2,277,953**
[13] A1

[51] **Int.Cl. 6C08F 246/00 6C09D 157/00 6A61L 27/00 6C09D 143/02 6C08F 230/02 6C08F 220/38**
[25] EN
[54] **POLYMERIC SURFACE COATINGS**
[54] **REVETEMENTS POLYMERIQUES POUR SURFACES**
[72] STRATFORD, PETER WILLIAM, GB
[72] CHARLES, STEPHEN ALEXANDER, GB
[72] JONES, STEPHEN ALISTER, GB
[72] BOWERS, RODERICK WILLIAM JONATHON, GB
[71] BIOCOMPATIBLES LIMITED, GB
[22] 1992-07-06
[43] 1993-01-21
[62] 2,112,411
[30] GB (9114619.1) 1991-07-05
[30] GB (9117170.2) 1991-08-08
[30] GB (9208970.5) 1992-04-24

[21] **2,277,954**
[13] A1

[51] **Int.Cl. 6C07D 231/10 6C07D 401/04 6C07D 403/04 6C07D 405/04 6C07D 409/04 6C07D 413/04 6C07D 417/04 6C07D 471/04 6C07D 487/04 6C07D 491/04 6C07D 495/04 6A61K 31/415 6A61K 31/44 6A61K 31/495 6A61K 31/535 6C07D 231/54**
[25] EN
[54] **SUBSTITUTED PYRAZOLYL BENZENESULFONAMIDES FOR THE TREATMENT OF INFLAMMATION**
[54] **BENZENESULFONAMIDES DE PYRAZOLYLE SUBSTITUES DESTINES AU TRAITEMENT DES INFLAMMATIONS**
[72] MIYASHIRO, JULIE M., US
[72] PENNING, THOMAS D., US
[72] GRANETS, MATTHEW J., US
[72] KHANNA, ISH K., US
[72] BERTENSHAW, STEPHEN R., US
[72] TALLEY, JOHN J., US
[72] DOCTER, STEPHEN H., US
[72] YU, STELLA S., US
[72] ROGIER, DONALD J., JR., US
[72] COLLINS, PAUL W., US
[72] ROGERS, ROLAND S., US
[72] CARTER, JEFFERY S., US
[72] MALECHA, JAMES W., US
[71] G.D. SEARLE & CO., US
[22] 1994-11-14
[43] 1995-06-08
[62] 2,177,576
[30] US (08/160,594) 1993-11-30
[30] US (08/223,629) 1994-04-06

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[21] **2,277,969**
[13] A1

[51] **Int.Cl. 6H01B 11/00 6G01S 13/88**
[25] EN
[54] **OPEN TRANSMISSION LINE**
[54] **LIGNE DE TRANSMISSION**
OUVERTE
[72] HARMAN, ROBERT KEITH, US
[71] AURATEK SECURITY INC., CA
[22] 1991-02-20
[43] 1991-08-21
[62] 2,044,246

[21] **2,277,975**
[13] A1

[51] **Int.Cl. 6H04B 17/00**
[25] EN
[54] **METHOD AND APPARATUS FOR**
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[54] **METHODE ET APPAREIL POUR**
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[72] HOLLIER, MICHAEL PETER, GB
[71] BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY, GB
[22] 1993-06-24
[43] 1994-01-06
[62] 2,137,005
[30] GB (9213459.2) 1992-06-24
[30] GB (9312758.7) 1993-06-21

[21] **2,277,979**
[13] A1

[51] **Int.Cl. 6D21F 1/00**
[25] EN
[54] **ROLL AND BLADE TWIN-WIRE**
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[54] **FORMEUR D'ESPACE A DOUBLE**
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[72] VERKASALO, LAURI, FI
[72] ODELL, MICHAEL, FI
[71] VALMET CORPORATION, FI
[22] 1997-06-10
[43] 1997-12-18
[62] 2,228,259
[30] US (08/661,657) 1996-06-11

[21] **2,278,241**
[13] A1

[51] **Int.Cl. 6C07D 307/58 6C07C 317/24**
6C07C 311/29
[25] EN
[54] **PHENYL HETEROCYCLES AS**
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[54] **HETEROCYCLES PHENYLIQUES,**
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[72] GAUTHIER, JACQUES Y., CA
[72] LEGER, SERGE, CA
[72] WANG, ZHAOYIN, CA
[72] LEBLANC, YVES, CA
[72] PRASIT, PETPIBOON, CA
[72] THERIEN, MICHEL, CA
[72] DUCHARME, YVES, CA
[71] MERCK FROSST CANADA & CO.,
CA
[22] 1994-06-09
[43] 1994-12-25
[62] 2,176,974
[30] US (082,196) 1993-06-24
[30] US (179,467) 1994-01-10

[21] **2,278,883**
[13] A1

[51] **Int.Cl. 6C07K 1/04 6C07H 21/00**
[25] EN
[54] **VERY LARGE SCALE**
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[54] **SYNTHESE DE PEPTIDE**
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[72] STRYER, LUBERT, US
[72] PIRRUNG, MICHAEL C., US
[72] FODOR, STEPHEN P. A., US
[72] READ, J. LEIGHTON, US
[71] AFFYMAX TECHNOLOGIES N.V.,
NL
[22] 1990-06-07
[43] 1990-12-08
[62] 2,054,706
[30] US (362,901) 1989-06-07
[30] US (492,462) 1990-03-07

[21] **2,279,333**
[13] A1

[51] **Int.Cl. 6A47B 21/03 6G06K 11/18**
[25] EN
[54] **THE ARTICULATING MOUSE PAD**
[54] **LE TAPIS A SOURIS ARTICULANT**
[72] NAUTH, PETER, CA
[71] NAUTH, PETER, CA
[22] 1998-11-26
[43] 1999-08-19
[30] US (DDE426571) 1998-02-19

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Hamaguchi, Koji	2,003,079	MACHINES		Klein, Kenneth R.	2,184,425
Hanes, Douglas M.	2,095,403	CORPORATION	2,060,983	Klein, Michel	2,072,095
Hanes, Douglas M.	2,122,541	INTERNATIONAL BUSINESS		Knapp, Robert C.	2,125,101
Hansen, Per Bang	2,150,728	MACHINES		Knight, Michael	2,084,711
HARBOE, Marianne Kirsten	2,206,864	CORPORATION	2,139,095	Kobayashi, Toshiro	2,058,501
Harden, William H.	2,182,446	International Business Machines		Kojima, Junji	2,161,358
Hardigan, William D.	2,164,781	Corporation	2,141,283	KOJIMA, Susumu	2,199,207
Hardy, Frederick Edward	2,092,188	Isaac, Ronald Mark	2,140,788	KONE Oy	2,146,058
Hargreaves, Rodney Brian	2,014,457	Ishiguro, Osamu	2,061,625	KONE Oy	2,159,565
Harper, Timothy P.	2,170,425	Ishikawa, Mikio	2,058,501	Konieczka, Howard R.	2,026,964
Harrison, Walter A., Jr.	2,002,056	Ito, Hiroshi	2,107,339	Koning, Mettina Maria G.	2,152,386
Hartmann, Achim	2,144,611	Ito, Masakazu	2,009,053	Koper, Robert P.	2,026,964
Harvey, George Treide	2,150,728	Iwasaki, Kishiro	2,115,238	Korb, William B.	2,173,483
HASENAUER, David	2,225,823	J. HOULE ET FILS INC.	2,110,333	Kos, Richard James	2,175,853
Hashimoto, Koji	2,000,170	Jackson, Dennis Wayne	2,170,668	Kovach, Debra Singer	1,340,768
Hattori, Yutaka	2,191,380	Jacquelin, Yvon	2,035,449	Kozaki, Takahiko	2,130,403
Haustein, Kevin	2,185,269	James River Corporation of		Kozaki, Takahiko	2,131,079
Havas, Laszlo	2,006,083	Virginia	2,144,360	KOZUKA, Masayuki	2,206,456
Hawrylik, Steven Joseph	1,340,771	James River Corporation of		KRISTENSEN, Pia Bach	2,206,864
Hayakawa, Hiroshi	2,054,586	Virginia	2,149,583	KRONOS INTERNATIONAL,	
Hechel, Dennis Lawrence	2,043,078	James, Lonnie A., Jr.	2,166,447	INC.	2,144,611
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Hedlund, Kurt Arnold	2,145,704	Janow, Richard H.	2,107,862	Kubek, Daniel John	1,340,768
HENKEL CORPORATION	2,191,108	Janow, Richard H.	2,157,068	Köbler, Ingo	2,140,496
Herring, Chauncey	2,172,321	Jansch, Manfred	2,073,332	Kubo, Kiyoshi	2,121,390
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Hinkie, Ronald L.	2,155,917	Jardinier, Pierre	2,165,144	Kumagai, Monto H.	2,166,818
Hiramatsu, Hiroyoshi	2,003,079	Jiang, Hao	2,173,947	Kumar, Suresh	2,141,283
Hirohama, Seiya	2,077,176	Johnsen, Hans Konrad	2,173,350	Kumon, Satoshi	2,075,307
Hirschi, Richard Edward	2,140,788	Joint Production Technology, Inc.	2,073,364	Kunert, Armin	2,129,177
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SYSTEMS, INC.	2,131,080	Jordan, Suzette	2,050,429	Kushida, Toshio	2,077,176
HITACHI ULSI ENGINEERING		Josoff, Peter Larry	2,176,773	Lachenal, Dominique	2,041,388
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HITACHI, LTD.	2,130,403	Kabushiki Kaisha Toshiba	2,206,456	Inc.	2,149,338
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HITACHI, LTD.	2,131,080	KABUSHIKIKAISHA DAIKI	2,107,339	LAMB-WESTON, INC.	2,002,739
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ALCATEL	2,262,104	BAILEY, Bobby J.	2,249,005	BECKMAN, Audrey	2,263,086
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L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS	2,264,370	LUCENT TECHNOLOGIES INC.	2,260,691	MATRAGI, Wassim A.	2,262,774
L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS	2,264,445	LUCENT TECHNOLOGIES INC.	2,261,548	MATSUDA, Minoru	2,264,996
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LAURENT, Hervé	2,232,111	MAIER, Donald R.	2,264,195	MAYOR, Jean-Michel	2,252,066
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MVE, INC.	2,264,480	NORTHWEST PODIATRIC LABORATORY, INC.	2,262,251	PCSOLAR, David J.	2,241,238
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NAGY, Andras	2,264,450	NTN CORPORATION	2,263,929	PELLETIER, Claude	2,226,371
NAKADA, Hidenori	2,263,780	NUNEZ, Ivan	2,264,083	PELLETIER, Michel	2,226,371
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		OERLIKON CONTRAVES AG	2,252,066	PEYRELONGUE, Jean-Pierre	2,230,084
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		OFFICINE MACCAFERRI S.P.A.	2,263,236	PFIZER INC.	2,263,957
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POWERS, Brent	2,263,017	RUCCIA, Michael	2,225,110	SHAHNAZARIAN, George	2,231,483
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QI, Yihong	2,263,055	SANDSTROM, Paul Harry	2,265,144	WINKLER & CO.	2,265,162
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RICHARD, Hervé	2,262,132	SCHARTINGER'S, Edward J.		SMITH, Mark D.	2,250,671
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INDUSTRIELLE	2,277,780	ANTONIO, FRANKLIN P.	2,277,071	BAYER	
AÉROSPATIALE SOCIÉTÉ		APPLE COMPUTER, INC.	2,277,209	AKTIENGESELLSCHAFT	2,277,435
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AGATON FITNESS AB	2,277,217	ARIZONA CHEMICAL		BEARDEN, GARY	2,277,153
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AIR PRODUCTS AND		ASEA BROWN BOVERI AB	2,277,846	BEERE, POLLY A.	2,277,018
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AJINOMOTO CO., INC.	2,277,766	VALDEMAR	2,277,268	BELL, ANDREW	2,277,297
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