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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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## Notices

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 2000 will be shown as 2000-01-02.

#### Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
  
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

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

#### Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 2000, par exemple, sera représenté par 2000-01-02.

#### Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## Avis

### 2. Country Codes

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

### 3. Canadian Class Titles

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

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

### 4. Class Schedules and Definitions

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

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

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

#### A) Paper Copies

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

### 2. Codes des pays

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

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

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

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

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## Notices

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

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

E-mail: tic@micromedia.on.ca

### B) Microform Copies

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

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

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- 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).

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Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de dix dollars (10 \$) 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.

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### B) Copies en microforme

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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).
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## 6. Commandes de brevets par classe ou sous-classe

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

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

### 7. Advice on Making a Patent Application

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

### 7. Conseils relatifs à la préparation de demandes de brevets

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

### 8. Licensing of Patents

#### Voluntary Licences

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

### 8. Octroi de licences en vertu des brevets

#### Licences librement accordées

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

#### Compulsory Licences

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

#### Licences obligatoires

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

### 9. Patents Available for Licence or Sale

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

### 9. Brevets disponibles pour licence ou vente

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

## Notices

### 10. List of Patents Available for Licence or Sale

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

2,028,701  
2,095,756  
2,142,380  
2,142,802  
2,175,710  
2,205,797  
2,219,563  
2,220,612  
2,262,067

### 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. 1,165,950 which issued on April 17, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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

### 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

2,028,701  
2,095,756  
2,142,380  
2,142,802  
2,175,710  
2,205,797  
2,219,563  
2,220,612  
2,262,067

### 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 17 avril 1984 sont maintenant expirés, jusque et y compris le no. 1,165,950. 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.



## Avis

### 13. Language of Published Documents

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

### 13. Langue du document publié

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

### 14. Patent Cooperation Treaty (PCT)

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

#### SCHEDULE OF FEES APPLICABLE AS OF JANUARY 01, 2001

#### BARÈME DE TAXES À PARTIR DU 1 JANVIER 2001

FEES	AMOUNTS
	\$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	562.00
Amount for each additional sheet over 30	13.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	121.00
The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00	
4. <b>International Search Fee</b>	1,249.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.	
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. <b>Late Payment Fee</b>	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
<b>Preliminary Examination</b>	
6. <b>Handling Fee:</b>	287.51 Deutche Marks
(Rule 57.2(a))	147.00 Euro Dollars
7. <b>Preliminary Examination Fee:</b>	2,998.29 Deutche Marks

TAXES	MONTANTS
	\$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	562,00
Montant pour chaque feuille au delà de 30	13,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	121,00
Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.	
4. <b>Taxe de recherche internationale</b>	1 249,00
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. <b>Taxe pour paiement tardif</b>	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
<b>Examen préliminaire</b>	
6. <b>Taxe de traitement:</b>	287,51 marks allemands
(Règle 57.2(a))	147,00 dollars euro
7. <b>Taxe d'examen préliminaire:</b>	2 998,29 marks allemands

## Notices

(Rule 58)

1,533.00 Euro Dollars

(Règle 58)

1 533,00 dollars euro

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

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

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

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

### **15. PCT Notices**

### **15. Avis PCT**

#### **PCT Signature Requirements**

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

#### **Exigences des signatures du PCT**

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

#### **Patent Cooperation Treaty (PCT)**

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

#### **Traité de Coopération en matière de brevets (PCT)**

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

## Avis

### **16. Laid-Open Applications**

The Patent Office Record of April 24, 2001 contains laid-open applications from April 1, 2001 - April 7, 2001.

### **16. Demandes Canadiennes mises à la disponibilité du public**

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 1 avril 2001 - 7 avril 2001.

# Canadian Patents Issued

April 24, 2001

## Brevets canadiens délivrés

24 avril 2001

---

[11] **1,341,215**  
[13] C

[52] 400-5479 400-4201  
[51] **Int.Cl. 7C08L 59/02 7C08L 75/04**  
[25] EN  
[54] **IMPACT RESISTANT POLYOXYMETHYLENE COMPOSITIONS**  
[54] **COMPOSITIONS DE POLYOXYMETHYLENE AFFICHANT UNE PROPRIETE DE RESISTANCE AUX IMPACTS**  
[72] Flexman, Edmund Arthur, Jr., US  
[73] E.I. Du Pont de Nemours and Company, US  
[21] **446,612**  
[22] 1984-02-02  
[30] US (464,412) 1983-02-07  
[30] US (570,036) 1984-01-16

---

[11] **1,341,216**  
[13] C

[52] 195-1.32 167-103.05 530-13.00  
[51] **Int.Cl. 7C12N 15/15 7C12N 1/19 7C12N 1/21 7C07K 14/81**  
[25] FR  
[54] **DERIVES DE L'ALPHA-1-ANTITRYPSINE HUMAINE ET PROCEDE POUR LEUR PREPARATION**  
[54] **HUMAN ALPHA-1-ANTITRYPSIN DERIVATIVES, AND A PRODUCTION PROCESS**  
[72] Courtney, Michael, FR  
[72] Jallat, Sophie, FR  
[72] Tessier, Luc-Henri, FR  
[72] Lecocq, Jean-Pierre, FR  
[73] TRANSGENE S.A., FR  
[21] **484,504**  
[22] 1985-06-19  
[30] FR (84 09592) 1986-06-19  
[30] FR (84 07393) 1985-05-15

---

[11] **1,341,217**  
[13] C

[52] 195-0086  
[51] **Int.Cl. 7C12P 41/00**  
[25] EN  
[54] **ENANTIO-AND REGIOSELECTIVE SYNTHESSES OF ORGANIC COMPOUNDS USING ENOL ESTERS AS IRREVERSIBLE TRANSACYLATION REAGENTS**  
[54] **SYNTHESSES ENANTIO- ET REGIO-SELECTIVE DE COMPOSES ORGANIQUES UTILISANT DES ESTERS ENOLIQUES COMME REACTIFS DE TRANSACYLATION IRREVERSIBLE**

[72] Wong, Chi-Huey, US  
[72] Wang, Yi-Fong, US  
[72] Hennen, William J., US  
[72] Babiak, Keven A., US  
[72] Dygos, John H., US  
[72] Ng, John S., US  
[73] GD SEARLE & Co., US  
[21] **609,932**  
[22] 1989-08-30  
[30] US (238,358) 1988-08-30  
[30] US (396,723) 1989-08-24

---

[11] **2,002,210**  
[13] C

[51] **Int.Cl. 5C12N 15/18 6A61K 38/18 5C12N 1/19 6C07K 14/50**  
[25] EN  
[54] **EXPRESSION AND PROCESSING OF AUTHENTIC FGF'S IN YEAST**  
[54] **EXPRESSION ET TRAITEMENT D'AUTENTIQUES FGF DANS LES LEVURES**  
[72] Barr, Philip J., US  
[73] CHIRON CORPORATION, US  
[22] 1989-11-03  
[30] US (267,408) 1988-11-04

---

[11] **2,003,920**  
[13] C

[51] **Int.Cl. 5C08J 9/04**  
[25] EN  
[54] **POLYSTYRENE FOAM CONTAINING CARBON BLACK**  
[54] **MOUSSE DE POLYSTYRENE CONTENANT DU NOIR DE CARBONE**  
[72] Romesberg, Floyd E., US  
[72] DeBenedictis, Mach A., US  
[73] THE DOW CHEMICAL COMPANY, US  
[22] 1989-11-27  
[30] US (275,849) 1988-11-25

---

[11] **2,009,674**  
[13] C

[51] **Int.Cl. 5G01V 1/16 5G01V 1/22 5G01V 1/36**  
[25] FR  
[54] **DISPOSITIF PERFECTIONNE DE SURVEILLANCE SISMIQUE D'UN GISEMENT SOUTERRAIN**  
[54] **ADVANCED APPARATUS FOR SEISMIC MONITORING OF AN UNDERGROUND DEPOSIT**  
[72] Czernichow, Jean, FR  
[73] L'INSTITUT FRANCAIS DU PETROLE, FR  
[73] TOTAL COMPAGNIE FRANÇAISE DES PÉTROLES, FR  
[73] COMPAGNIE GÉNÉRALE DE GÉOPHYSIQUE, FR  
[73] SERVICE NATIONAL DIT: GAZ DE FRANCE, FR  
[73] SOCIÉTÉ NATIONALE ELF AQUITAINE (PRODUCTION), FR  
[22] 1990-02-09  
[30] FR (89 01 796) 1989-02-09

Canadian Patents Issued  
April 24, 2001

[11] 2,013,747  
[13] C  
[51] Int.Cl. 5D21H 19/20 5C08F 228/02  
[25] EN  
[54] MONOVINYLDENE AROMATIC AND CONJUGATED DIENE COPOLYMER COATING COMPOSITIONS COMPRISING SULFOALKYL MONOMERIC EMULSIFIER  
[54] COMPOSITIONS DE REVETEMENT A BASE D'UN COPOLYMER DE COMPOSE AROMATIQUE MONOVINYLDENE ET D'UN DIENE CONJUGUE COMPRENANT UN EMULSIFIANT MONOMERIQUE  
[72] Guillaume, Jean-Luc, FR  
[72] Oliver, Stephen M., CH  
[72] Lam, Chiu-Kwan, DE  
[73] THE DOW CHEMICAL COMPANY, US  
[22] 1990-04-03  
[30] GB (8907534.5) 1989-04-04

[11] 2,018,767  
[13] C  
[51] Int.Cl. 5C07C 67/52 5C07C 69/732 5C07C 69/84  
[25] EN  
[54] GRANULES OF ALKYL ESTERS CONTAINING HYDROXYPHENYL GROUPS  
[54] GRANULES D'ESTERS ALCOYLES CONTENANT DES GROUPEES D'HYDROXYPHENYLE  
[72] Gahan, Michael C., US  
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1990-06-12  
[30] US (366,819) 1989-06-14

[11] 2,018,991  
[13] C  
[51] Int.Cl. 5C07C 67/055 5C07C 69/15  
[25] EN  
[54] PROCESS FOR THE PREPARATION OF VINYL ACETATE  
[54] PROCEDE POUR LA PREPARATION D'ACETATE DE VINYLE  
[72] Roscher, Günter, DE  
[72] Eichler, Klaus, DE  
[72] Wirtz, Peter, DE  
[72] Wunder, Friedrich, DE  
[73] CELANESE GMBH, DE  
[22] 1990-06-14  
[30] DE (P 39 19 524.4) 1989-06-15

[11] 2,019,236  
[13] C  
[51] Int.Cl. 5A63C 19/00  
[25] EN  
[54] GOLF SHOT DUPLICATOR  
[54] TERRAIN D'EXERCICE DE GOLF  
[72] Pate, Dwight W., US  
[73] Pate, Dwight W., US  
[22] 1990-06-18

[11] 2,020,194  
[13] C  
[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] METHOD FOR MANUFACTURING DISPOSABLE UNDERPANTS  
[54] METHODE DE FABRICATION DE CULOTTES JETABLES  
[72] Nomura, Hironori, JP  
[72] Matsura, Yoshinori, JP  
[72] Shimakawa, Taiji, JP  
[72] Ohnishi, Hirofumi, JP  
[72] Yamamoto, Hiroki, JP  
[73] Uni-Charm Corporation, JP  
[22] 1990-06-29  
[30] JP (1-167224) 1989-06-29

[11] 2,020,771  
[13] C  
[51] Int.Cl. 5B29C 45/16 5B65D 1/02  
[25] EN  
[54] A PROCESS FOR MOLDING A MULTIPLE LAYER STRUCTURE AND A CONTAINER MADE THEREFROM  
[54] PROCEDE DE MOULAGE D'UNE STRUCTURE MULTICOUCHE ET CONTENANT AINSI FABRIQUE  
[72] Cahill, John W., US  
[73] Cahill, John W., US  
[22] 1990-07-09

[11] 2,021,416  
[13] C  
[51] Int.Cl. 5B41M 5/30  
[25] EN  
[54] HEAT-SENSITIVE RECORDING MATERIAL  
[54] MATERIAU D'ENREGISTREMENT SENSIBLE A LA CHALEUR  
[72] Minami, Toshiaki, JP  
[72] Fukuchi, Tadakazu, JP  
[72] Kaneko, Toshio, JP  
[73] NIPPON PAPER INDUSTRIES CO., LTD., JP  
[22] 1990-07-18  
[30] JP (193382/1989) 1989-07-26

[11] 2,021,456  
[13] C  
[51] Int.Cl. 5E02F 9/00  
[25] EN  
[54] MOON LOCK  
[54] DISPOSITIF D'ANCRAGE MOON  
[72] Hedley, Ian, AU  
[73] Hedweld Engineering Pty Limited, AU  
[22] 1990-07-18

[11] 2,021,881  
[13] C  
[51] Int.Cl. 5C07D 313/00 5C07D 405/12 5C07D 413/12 5C07D 405/14  
[25] EN  
[54] PROCESS FOR PREPARING LANKACIDINE CARBAMATE DERIVATIVES  
[54] PROCEDE DE PREPARATION DE DERIVES DE CARBAMATE DE LANKACIDINE  
[72] Kawai, Tatsuhiko, JP  
[72] Miyake, Akio, JP  
[73] TAKEDA SCHERING-PLOUGH ANIMAL HEALTH K.K., JP  
[22] 1990-07-24  
[30] JP (191818/1989) 1989-07-25

[11] 2,022,560  
[13] C  
[51] Int.Cl. 5C08J 9/14 5B32B 5/18  
[25] EN  
[54] RIGID FOAM WITH IMPROVED "K" FACTOR FROM PERFLUORINATED HYDROCARBONS  
[54] MOUSSE RIGIDE A COEFFICIENT "K" AMELIORE A PARTIR D'HYDROCARBURES PERFLUORES  
[72] Snider, Scott C., US  
[73] CELOTEX CORPORATION, US  
[22] 1990-08-02  
[30] US (07/399,101) 1989-08-28

[11] 2,024,249  
[13] C  
[51] Int.Cl. 5F15B 9/09  
[25] EN  
[54] FLUID-POWERED PRECISION OSCILLATOR  
[54] OSCILLATEUR DE PRECISION HYDRAULIQUE  
[72] Ericson, Jan, SE  
[72] Ahlander, Ulf, SE  
[73] Arcos Hydraulik Ab, SE  
[22] 1990-08-29

**Brevets canadiens délivrés  
24 avril 2001**

---

[11] **2,025,326**  
[13] C

[51] **Int.Cl. 5C07F 9/38 5C07F 9/645  
5C07F 9/653 5A61K 31/66**  
[25] EN  
[54] **NMDA ANTAGONISTS**  
[54] **ANTAGONISTES DE NMDA**  
[72] Baron, Bruce M., US  
[72] Whitten, Jeffrey P., US  
[73] AVENTIS PHARMA INC., CA  
[22] 1990-09-13  
[30] US (409,478) 1989-09-19  
[30] US (508,333) 1990-04-11  
[30] US (553,431) 1990-07-20

---

[11] **2,025,458**  
[13] C

[51] **Int.Cl. 5C07F 15/00 5C07H 23/00  
5C07C 225/22 5C07C 255/59 5C07C 217/  
76**  
[25] EN  
[54] **IRIDIUM COMPLEXES, PROCESS  
FOR THEIR PREPARATION AND  
THEIR USE**  
[54] **COMPLEXES DE L'IRIDIUM;  
METHODE DE PREPARATION ET  
UTILISATION**  
[72] Spindler, Felix, CH  
[72] Blaser, Hans-Ulrich, CH  
[72] Ng Cheong Chan, You Ping, FR  
[72] Osborn, John A., FR  
[73] NOVARTIS AG, CH  
[22] 1990-09-14  
[30] CH (3387/89-1) 1989-09-18

---

[11] **2,027,337**  
[13] C

[51] **Int.Cl. 5H04N 9/12**  
[25] EN  
[54] **NONLINEAR RGB VIDEO SIGNAL  
PROCESSING**  
[54] **TRAITEMENT NON LINEAIRE  
DES SIGNAUX VIDEO RVB**  
[72] Haferl, Peter Eduard, CH  
[72] Sauder, Thomas Heinz, CH  
[73] RCA LICENSING CORPORATION,  
US  
[22] 1990-10-11  
[30] GB (8925438) 1989-11-10  
[30] US (583881) 1990-09-19

---

---

[11] **2,027,630**  
[13] C

[51] **Int.Cl. 5A61K 47/36 5A61K 9/08**  
[25] EN  
[54] **PROTEIN GEL OPHTHALMIC  
VEHICLE**  
[54] **VEHICULE OPHTALMIQUE A  
BASE DE GEL PROTEIQUE**  
[72] Chastaing, Gilles, FR  
[73] Laboratoires Merck Sharp & Dohme-  
Chibret, FR  
[22] 1990-10-15  
[30] FR (8913534) 1989-10-17

---

[11] **2,027,866**  
[13] C

[51] **Int.Cl. 5C08J 9/00 5A61L 25/00**  
[25] EN  
[54] **SILICONE FOAMS**  
[54] **MOUSSES DE SILICONE**  
[72] Grisoni, Bernard F., US  
[73] Dow Corning France S.A., FR  
[22] 1990-10-17  
[30] FR (89 13820) 1989-10-23

---

[11] **2,027,991**  
[13] C

[51] **Int.Cl. 5C07C 45/50 5C07C 47/02**  
[25] EN  
[54] **PROCESS FOR  
HYDROFORMYLATION OF AN  
OLEFIN**  
[54] **PROCEDE POUR  
L'HYDROFORMYLATION D'UNE  
OLEFINE**  
[72] Miyazawa, Chihiro, JP  
[72] Mikami, Hiroshi, JP  
[73] MITSUBISHI CHEMICAL  
CORPORATION, JP  
[22] 1990-10-18  
[30] JP (272275/1989) 1989-10-19

---

---

[11] **2,028,191**  
[13] C

[51] **Int.Cl. 5C23F 11/18 5C09D 5/08  
5C23F 11/173**  
[25] EN  
[54] **NON-TOXIC CORROSION  
INHIBITIVE COMPOSITIONS AND  
METHODS THEREFOR**  
[54] **COMPOSITIONS NON TOXIQUES  
INHIBITRICES DE CORROSION ET  
METHODES CONNEXES**  
[72] Sharaby, Ahmed, US  
[72] Miller, Robert N., US  
[73] PRC-DESOTO INTERNATIONAL,  
INC., US  
[73] Lockheed Corporation, US  
[22] 1990-10-22  
[30] US (424,938) 1989-10-23  
[30] US (575,330) 1990-08-30

---

[11] **2,028,495**  
[13] C

[51] **Int.Cl. 5B32B 27/08 5B32B 27/18  
5B32B 31/20**  
[25] EN  
[54] **HEAT-LAMINATABLE, HIGH-  
GLOSS MULTILAYER FILMS**  
[54] **PELLICULES MULTI-EPAISSEUR  
TRES BRILLANTES, POUVANT ETRE  
COLLEES THERMIQUEMENT**  
[72] Schinkel, Ingo, DE  
[72] Reiners, Ulrich, DE  
[73] Wolff Walsrode AG, DE  
[22] 1990-10-24  
[30] DE (P 39 35 643.4) 1989-10-26

---

[11] \* **2,028,701**  
[13] C

[51] **Int.Cl. 5G06F 15/66**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
PIPELINED PARALLEL  
RASTERIZATION**  
[54] **METHODE ET APPAREIL DE  
TRAITEMENT LIGNE PAR LIGNE  
FAISANT APPEL A DES PROCESSEURS  
PARALLELES AGENCES EN  
STRUCTURE PIPE-LINE**  
[72] Birk, Yitshak, US  
[72] McCrossin, James M., US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1990-10-29  
[30] US (437,428) 1989-11-15

---

Canadian Patents Issued  
April 24, 2001

---

[11] **2,029,486**  
[13] C  
[51] **Int.Cl. 5C09D 101/02 5B29B 9/06**  
[25] EN  
[54] **PROCESS AND COMPOSITION FOR MANUFACTURING FRIABLE RUBBER BALES**  
[54] **COMPOSE SERVANT A LA FABRICATION DE BALLE DE CAOUTCHOUC FRIABLES ET METHODE CONNEXE**  
[72] Widmer, Lincoln A., US  
[73] DSM N.V., NL  
[22] 1990-11-07  
[30] US (07/435,198) 1989-11-09

---

[11] **2,029,542**  
[13] C  
[51] **Int.Cl. 5C08B 33/08 5C08B 30/00 5C25B 3/02 5C08B 35/08 5C11D 3/08 5C08B 31/18**  
[25] EN  
[54] **METHOD FOR THE PREPARATION OF POLYDICARBOXYSACCHARIDES, AND SUBSTITUTES FOR PHOSPHATES IN DETERGENTS, BASED ON THE POLYDICARBOXYSACCHARIDES**  
[54] **METHODE DE PREPARATION DES POLYDICARBOXYSACCHARIDES, SUBSTITUTS DE PHOSPHATES POUR LES DETERGENTS, BASES SUR LES POLYDICARBOXYSACCHARIDES**  
[72] Besemer, Arie C., NL  
[73] Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk, NL  
[22] 1990-11-09  
[30] NL (8902786) 1989-11-10  
[30] NL (9001027) 1990-04-27

---

[11] **2,030,459**  
[13] C  
[51] **Int.Cl. 5A61K 9/00**  
[25] EN  
[54] **BIODEGRADABLE OCULAR IMPLANTS**  
[54] **IMPLANTS OCULAIRES BIODEGRADABLES**  
[72] Wong, Vernon G., US  
[73] OCULEX PHARMACEUTICALS, INC., US  
[22] 1990-11-21  
[30] US (440,344) 1989-11-22

---

[11] **2,031,686**  
[13] C  
[51] **Int.Cl. 5C07C 33/46 5B01J 19/08 5C07C 43/295**  
[25] EN  
[54] **1-BROMO-3-CHLORO-1,2-DIARYL-2-PROPANOLS, THE STEREO-SELECTIVE PREPARATION OF ERYTHRO-1-BROMO-3-CHLORO-1,2-DIARYL-2-PROPANOLS AND THE CONVERSION THEREOF INTO AZOLYLMETHYLOXIRANES**  
[54] **1-BROMO-3-CHLORO-1,2-DIARYL-2-PROPANOLS; PREPARATION STEREOSELECTIVE DES ERYTHRO-1-BROMO-3-CHLORO-1,2-DIARYL-2-PROPANOLS; LEUR CONVERSION EN AZOLYLMETHYLOXIRANES**  
[72] Kober, Reiner, DE  
[72] Isak, Heinz, DE  
[72] Seele, Rainer, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1990-12-06  
[30] DE (P 39 40 492.7) 1989-12-07

---

[11] **2,032,233**  
[13] C  
[51] **Int.Cl. 5A01N 43/90**  
[25] EN  
[54] **POUR-ON FORMULATIONS EFFECTIVE FOR THE CONTROL OF INTERNAL AND EXTERNAL PARASITES OF HOMOTHERMIC ANIMALS**  
[54] **FORMULATIONS VERSABLES EFFICACES POUR LA LUTTE CONTRE LES PARASITES INTERNES ET EXTERNES DES ANIMAUX HOMOTHERMIQUES**  
[72] Wood, Irwin Boyden, US  
[72] Quinlan, James, US  
[73] AMERICAN CYANAMID COMPANY, US  
[22] 1990-12-13  
[30] US (07/451,472) 1989-12-15

---

[11] **2,032,612**  
[13] C  
[51] **Int.Cl. 5A01N 47/40 5A01N 47/24**  
[25] EN  
[54] **ARTHROPODICIDAL COMPOSITION COMPRISING THIODICARB AND A PHENYLPYRAZOLE**  
[54] **COMPOSITION ARTHROPODICIDE RENFERMANT DU THIODICARB ET UN PHENYLPYRAZOLE**  
[72] Twinn, David Charles, GB  
[72] Green, Timothy Wilfred, GB  
[73] RHONE-POULENC AGRICULTURE LIMITED, GB  
[22] 1990-12-18  
[30] GB (8929101.7) 1989-12-22

---

[11] **2,033,338**  
[13] C  
[51] **Int.Cl. 5B29C 45/13 5B29C 45/36 5B29C 45/72 5B29C 45/76**  
[25] EN  
[54] **INJECTION-MOLDING DIMENSION-CONTROL AND CLAMP-REDUCTION**  
[54] **CONTROLE DES DIMENSIONS D'ARTICLES MOULES PAR INJECTION ET REDUCTION DE LA FORCE DE FERMETURE**  
[72] Sorensen, Jens Ole, US  
[73] Sorensen, Jens Ole, US  
[85] 1991-02-04  
[86] 1990-05-30 (PCT/US90/02982)  
[87] (WO90/14936)  
[30] US (07/361,275) 1989-06-05

---

[11] **2,033,620**  
[13] C  
[51] **Int.Cl. 5F27B 15/00**  
[25] EN  
[54] **FLUIDIZED BED REACTOR**  
[54] **REACTEUR A LIT FLUIDISE**  
[72] Beißwenger, Hans, DE  
[72] Reimer, Rainer, DE  
[72] Vydra, Karel, DE  
[73] Metallgesellschaft Aktiengesellschaft, DE  
[22] 1991-01-04  
[30] DE (P 40 05 305.9) 1990-02-20

**Brevets canadiens délivrés  
24 avril 2001**

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[11] **2,034,483**  
[13] C

[51] **Int.Cl. 5C04B 41/87 5B23P 15/28 5C04B 41/85**  
[25] EN  
[54] **DIAMOND-COATED MEMBER**  
[54] **ELEMENT DIAMENTE**  
[72] Ito, Toshimichi, JP  
[72] Iio, Satoshi, JP  
[72] Tsubokawa, Masaya, JP  
[72] Watanabe, Masakazu, JP  
[73] NGK SPARK PLUG COMPANY LIMITED, JP  
[85] 1991-02-14  
[86] 1990-06-15 (PCT/JP90/00782)  
[87] (WO90/15787)  
[30] JP (P1-152521) 1989-06-15

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[11] **2,034,503**  
[13] C

[51] **Int.Cl. 5C07C 2/86 5C07C 13/28**  
[25] FR  
[54] **CYCLOALKYLATION SELECTIVE DU NAPHTALENE SUR ZEOLITHES**  
[54] **SELECTIVE CYCLOALKYLATION OF NAPHTALENE ON ZEOLITHS**  
[72] Solofo, Jonis, FR  
[72] Moreau, Patrice, FR  
[72] Geneste, Patrick, FR  
[72] Finiels, Annie, FR  
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[85] 1991-02-13  
[86] 1990-07-23 (PCT/CH90/00178)  
[87] (WO91/01959)  
[30] FR (89 10 322) 1989-07-26

---

[11] **2,034,813**  
[13] C

[51] **Int.Cl. 5B65G 1/00**  
[25] EN  
[54] **SYSTEM FOR FILLING ORDERS**  
[54] **DISPOSITIF POUR EXECUTER UNE ORDONNANCE MEDICALE**  
[72] Smith, James A., US  
[72] McDonald, Sean C., US  
[72] Hertz, Ellen J., US  
[72] Toto, Gregory, US  
[73] Automated Healthcare, Inc., US  
[22] 1991-01-23  
[30] US (07/469,217) 1990-01-24

---

[11] **2,035,738**  
[13] C

[51] **Int.Cl. 5C12N 1/20 5A01N 63/00**  
[25] EN  
[54] **BIOLOGICAL AGENT FOR CONTROL OF CROP FUNGAL DISEASE**  
[54] **AGENT BIOLOGIQUE POUR LA LUTTE CONTRE LES MALADIES FONGIQUES DES CULTURES**  
[72] Liu, Zongling, US  
[72] Sinclair, James B., US  
[73] Research Corporation Technologies, Inc., US  
[22] 1991-02-05  
[30] US (477,011) 1990-02-07

---

[11] **2,035,761**  
[13] C

[51] **Int.Cl. 5A47J 36/24 5A47J 37/01**  
[25] EN  
[54] **FLAVOR GENERATING ARTICLE**  
[54] **ARTICLE AROMATISEUR**  
[72] Utsch, Francis V., US  
[72] Morgan, Constance H., US  
[72] Sprinkel, F. Murphy, US  
[72] Losee, D. Bruce, US  
[73] Philip Morris Products Inc., US  
[22] 1991-02-06  
[30] US (615,590) 1990-11-19

---

[11] **2,036,221**  
[13] C

[51] **Int.Cl. 5C07C 17/00 5C07C 19/08**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SATURATED, FLUORINE-CONTAINING AND CHLORINE-FREE HYDROCARBONS**  
[54] **METHODE DE PREPARATION D'HYDROCARBURES SATURES ET FLUORES, MAIS EXEMPTS DE CHLORE**  
[72] Bielefeldt, Dietmar, DE  
[72] Braden, Rudolf, DE  
[72] Negele, Michael, DE  
[72] Ziemann, Heinz, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1991-02-12  
[30] DE (P 40 04 494.7) 1990-02-14

---

[11] **2,036,602**  
[13] C

[51] **Int.Cl. 5E21B 10/00**  
[25] EN  
[54] **EXCAVATION TOOL**  
[54] **OUTIL D'EXCAVATION**  
[72] Hayashi, Takeshi, JP  
[72] Sato, Shigeru, JP  
[72] Tsujimoto, Katsuaki, JP  
[72] Miyazaki, Daishiro, JP  
[72] Hiwasa, Yoneo, JP  
[72] Ishimatsu, Toshiki, JP  
[73] Mitsubishi Materials Corporation, JP  
[22] 1991-02-19  
[30] JP (2-48233) 1990-02-28  
[30] JP (2-48234) 1990-02-28  
[30] JP (2-63821) 1990-03-14  
[30] JP (2-297943) 1990-11-02  
[30] JP (2-297946) 1990-11-02  
[30] JP (2-300283) 1990-11-06

---

[11] **2,036,995**  
[13] C

[51] **Int.Cl. 5C03B 35/16 5C03B 29/08 5C03B 35/18**  
[25] EN  
[54] **GLASS SHEET HEATING FURNACE**  
[54] **FOUR POUR VERRE EN FEUILLE**  
[72] Deb, Sugato, US  
[72] Hovis, John C., US  
[72] Pollock, Michael L., US  
[73] Libbey-Owens-Ford Co., US  
[22] 1991-02-25  
[30] US (485,643) 1990-02-27

---

[11] **2,037,801**  
[13] C

[51] **Int.Cl. 5G03G 15/00**  
[25] EN  
[54] **FIBRILLATED PULTRUDED ELECTRICAL COMPONENT**  
[54] **COMPOSANT ELECTRIQUE FIBRILLE ET PULTRUSE**  
[72] Orłowski, Thomas E., US  
[72] Swift, Joseph A., US  
[72] Wallace, Stanley J., US  
[72] Peck, Wilbur M., US  
[72] Courtney, John E., US  
[72] Rollins, David E., US  
[73] XEROX CORPORATION, US  
[22] 1991-03-08  
[30] US (516000) 1990-04-16



Canadian Patents Issued  
April 24, 2001

---

[11] **2,038,992**  
[13] C  
[51] **Int.Cl. 5E04G 25/00**  
[25] EN  
[54] **STEEL POST SHORE, OR PROP,  
FOR SUPPORTING OF FORMWORK IN  
CONSTRUCTING BUILDINGS**  
[54] **ETAI EN ACIER POUR LE  
SUPPORTAGE DES COFFRAGES DE  
BETONNAGE**  
[72] DE LEEUW, PETRUS JOHANNES  
LAMBERTUS, NL  
[73] DE LEEUW, PETRUS JOHANNES  
LAMBERTUS, NL  
[22] 1991-03-25  
[30] NL (9000711) 1990-03-26

---

[11] **2,039,001**  
[13] C  
[51] **Int.Cl. 5A01N 25/00**  
[25] EN  
[54] **LIQUID PESTICIDE  
CONCENTRATES**  
[54] **CONCENTRES PESTICIDES  
LIQUIDES**  
[72] Dez, Guy, FR  
[72] Lerivrey, Jacques, US  
[72] Schneider, René, CH  
[72] Zurkinden, Alexander, CH  
[72] Moore, Carolyn, US  
[73] NOVARTIS AG, CH  
[22] 1991-03-25  
[30] CH (1011/90-6) 1990-03-27

---

[11] **2,039,160**  
[13] C  
[51] **Int.Cl. 5B29C 43/02 5B29C 43/34**  
[25] EN  
[54] **METHOD FOR PRODUCING  
MOLDED ARTICLE OF FIBER-  
REINFORCED THERMOPLASTIC  
RESIN**  
[54] **METHODE DE FABRICATION  
D'ARTICLES MOULES EN RESINE  
THERMOPLASTIQUE RENFORCEE DE  
FIBRE**  
[72] Hara, Takahisa, JP  
[72] Matsumoto, Masahito, JP  
[72] Usui, Nobuhiro, JP  
[72] Matubara, Shigeyoshi, JP  
[73] SUMITOMO CHEMICAL COMPANY,  
LIMITED, JP  
[85] 1991-04-19  
[86] 1990-08-21 (PCT/JP90/01060)  
[87] (WO91/02639)  
[30] JP (215434/1989) 1989-08-21  
[30] JP (059428/1990) 1990-03-09

---

[11] **2,041,400**  
[13] C  
[51] **Int.Cl. 5A61K 31/085**  
[25] EN  
[54] **PREPARATION OF A  
MEDICAMENT**  
[54] **PREPARATION D'UN  
MEDICAMENT**  
[72] Dettmar, Peter William, GB  
[72] Lloyd-Jones, John Gareth, GB  
[73] RECKITT & COLMAN PRODUCTS  
LIMITED, GB  
[22] 1991-04-29  
[30] GB (9010039.7) 1990-05-03

---

[11] **2,041,476**  
[13] C  
[51] **Int.Cl. 5B01J 38/00 5C10G 11/18  
5B01J 38/30**  
[25] EN  
[54] **FCCU REGENERATOR  
CATALYST DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DU  
CATALYSEUR POUR  
REGENERATEUR DE CRAQUEUR  
CATALYTIQUE**  
[72] Luckenbach, Edward Cooper, US  
[73] EXXON RESEARCH AND  
ENGINEERING COMPANY, US  
[22] 1991-04-30  
[30] US (523,518) 1990-05-15

---

[11] **2,041,512**  
[13] C  
[51] **Int.Cl. 5B05B 1/02 5B05D 1/02 5B05B  
5/04**  
[25] EN  
[54] **ROTARY ATOMIZER CUP**  
[54] **COUPELLE ROTATIVE**  
[72] Davis, Dennis, US  
[72] Beam, Harold D., US  
[73] NORDSON CORPORATION, US  
[22] 1991-04-30  
[30] US (542,167) 1990-06-22

---

[11] **2,041,558**  
[13] C  
[51] **Int.Cl. 5A61F 7/00**  
[25] EN  
[54] **METHOD FOR PREVENTION OF  
FROSTBITE**  
[54] **METHODE POUR EMPECHER LA  
PEAU DE GELER**  
[72] Mack, Alphonso L., US  
[73] Mack, Alphonso L., US  
[22] 1991-04-30

---

[11] **2,041,870**  
[13] C  
[51] **Int.Cl. 5C25D 3/56**  
[25] EN  
[54] **PROCESS FOR  
ELECTRODEPOSITING A METALLIC  
COATING OF A NICKEL-COBALT  
ALLOY ON AN OBJECT AND  
ELECTROLYTE SOLUTION USED  
THEREIN**  
[54] **PROCEDE  
D'ELECTRODEPOSITION D'UN  
ALLIAGE DE NICKEL ET DE COBALT  
ET SOLUTION D'ELECTROLYTE  
UTILISEE A CETTE FIN**  
[72] Van Brusselt, Roger, BE  
[73] Bundy International, GB  
[22] 1991-05-06  
[30] BE (09000486) 1990-05-08

---

[11] **2,041,938**  
[13] C  
[51] **Int.Cl. 5C01B 3/22**  
[25] FR  
[54] **PROCEDE ET INSTALLATION DE  
PRODUCTION D'UN GAZ  
CONTENANT DE L'HYDROGENE A  
PARTIR DE METHANOL**  
[54] **PROCESS AND FACILITY FOR  
PRODUCING GAS-CONTAINING  
HYDROGEN FROM METHANOL**  
[72] Dupont, René, FR  
[73] Air Liquide, société anonyme pour  
l'Étude et l'Exploitation des, FR  
[22] 1991-05-07  
[30] FR (90 05 780) 1990-05-09

---

[11] **2,043,963**  
[13] C  
[51] **Int.Cl. 5G11B 5/09 5G11B 20/10**  
[25] EN  
[54] **VIDEO TAPE RECORDER**  
[54] **MAGNETOSCOPE**  
[72] Murabayashi, Noboru, JP  
[72] Tsubaki, Akihiro, JP  
[73] SONY CORPORATION, JP  
[22] 1991-06-05  
[30] JP (P153224/90) 1990-06-12

**Brevets canadiens délivrés  
24 avril 2001**

---

[11] **2,044,117**  
[13] C

[51] **Int.Cl. 5B29D 7/01 5B29C 47/00 5B29C 43/24**  
[25] EN  
[54] **METHOD OF MANUFACTURING THERMOPLASTIC SHEET OF FILM**  
[54] **METHODE DE FABRICATION D'UNE FEUILLE OU D'UN FILM EN MATIERE THERMOPLASTIQUE**  
[72] Gross, Heinz, DE  
[72] Fetzer, Andreas, DE  
[72] Dickhaut, Gunther, DE  
[73] Rohm G.m.b.H. Chemische Fabrik, DE  
[22] 1991-06-07  
[30] DE (P 40 18 530.3) 1990-06-09

---

[11] **2,044,310**  
[13] C

[51] **Int.Cl. 5C07D 401/14 5C08F 226/06 5C08L 39/08 5C07D 413/14**  
[25] EN  
[54] **PIPERIDINE-TRIAZINE CO-OLIGOMERS FOR USE AS STABILIZERS FOR ORGANIC MATERIALS**  
[54] **CO-OLIGOMERES PIPERIDINE-TRIAZINE UTILISES COMME AGENTS STABILISANTS DE MATIERES ORGANIQUES**  
[72] Borzatta, Valerio, IT  
[72] Carrozza, Primo, IT  
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1991-06-11  
[30] IT (20631A/90) 1990-06-13

---

[11] **2,044,682**  
[13] C

[51] **Int.Cl. 5F42C 15/34 5F42C 9/14**  
[25] EN  
[54] **DELAY INITIATOR FOR BLASTING**  
[54] **AMORCEUR A RETARD POUR DYNAMITAGE**  
[72] True, Donald Clinton, CA  
[72] Carriere, Raymond, CA  
[73] ORICA EXPLOSIVES TECHNOLOGY PTY LTD., AU  
[22] 1991-06-14  
[30] US (541,959) 1990-06-22

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---

[11] **2,045,415**  
[13] C

[51] **Int.Cl. 5F01D 5/30**  
[25] EN  
[54] **TURBOMACHINE BLADE FASTENING**  
[54] **FIXATION D'AILETTE DE TURBOMACHINE**  
[72] Heinig, Roger Walter, US  
[72] Barnes, Donald Willie, US  
[73] WESTINGHOUSE ELECTRIC CORPORATION, US  
[22] 1991-06-25  
[30] US (543,982) 1990-06-26  
[30] US (653,570) 1991-02-11

---

[11] **2,045,757**  
[13] C

[51] **Int.Cl. 5C06B 31/00**  
[25] EN  
[54] **CHEMICALLY GASED EMULSION EXPLOSIVE**  
[54] **EXPLOSIF EN EMULSION A ACTIVATION CHIMIQUE**  
[72] Nguyen, Anh D., CA  
[73] ORICA EXPLOSIVES TECHNOLOGY PTY LTD., AU  
[22] 1991-06-26  
[30] US (07/552,526) 1990-07-16

---

[11] **2,046,001**  
[13] C

[51] **Int.Cl. 5F15B 13/043**  
[25] EN  
[54] **ELECTROMAGNETIC SOLENOID VALVE WITH VARIABLE FORCE MOTOR**  
[54] **ELECTROVANNE A MOTEUR A FORCE VARIABLE**  
[72] Anderson, David L., US  
[73] SPX Corporation, US  
[22] 1991-06-28  
[30] US (07/553,893) 1990-07-16

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[11] **2,046,397**  
[13] C

[51] **Int.Cl. 6A61K 38/05**  
[25] EN  
[54] **INFLAMMATORY BOWEL DISEASE PREVENTIVE AND CURATIVE AGENTS CONTAINING ZINC L- CARNOSINE SALT OR COMPLEX AS ACTIVE INGREDIENT**  
[54] **AGENTS DE PREVENTION ET DE TRAITEMENT DES MALADIES INTESTINALES INFLAMMATOIRES CONTENANT UN SEL OU UN COMPLEXE DE ZINC L- CARNOSINE ET TANT QUE PRINCIPE ACTIF**  
[72] Yoshikawa, Toshikazu, JP  
[72] Yoneda, Tomoyuki, JP  
[72] Nishimura, Yasuhiro, JP  
[73] Zeria Pharmaceutical Co., Ltd., JP  
[73] Hamari Chemicals Co., Ltd., JP  
[22] 1991-07-05  
[30] JP (177560/90) 1990-07-06

---

[11] **2,046,865**  
[13] C

[51] **Int.Cl. 5C12N 15/54 5C12N 9/12 5C12N 1/21**  
[25] EN  
[54] **INOSINE-GUANOSINE KINASE**  
[54] **INOSINE-GUANOSINE-KINASE**  
[72] Mori, Hideo, JP  
[72] Iida, Akihiro, JP  
[72] Teshiba, Sadao, JP  
[72] Fujio, Tatsuro, JP  
[73] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 1991-08-01  
[86] 1990-12-04 (PCT/JP90/01567)  
[87] (WO91/08286)  
[30] JP (315537/89) 1989-12-05

---

[11] **2,047,259**  
[13] C

[51] **Int.Cl. 5C07F 15/00 5C08F 8/04 5B01J 31/28**  
[25] EN  
[54] **PALLADIUM CATALYST SYSTEMS FOR SELECTIVE HYDROGENATION OF DIENE POLYMERS AND COPOLYMERS**  
[54] **SYSTEMES CATALYTIQUES AU PALLADIUM POUR L'HYDROGENATION SELECTIVE DE COPOLYMERES ET DE POLYMERES DIENIQUES**  
[72] Patterson, Robert Thomas, US  
[73] DSM N.V., NL  
[22] 1991-07-17  
[30] US (07/555,043) 1990-07-19

---

Canadian Patents Issued  
April 24, 2001

[11] 2,047,849  
[13] C

[51] Int.Cl. 5G01F 11/00  
[25] EN  
[54] MICROMETRIC METERING  
DEVICE  
[54] APPAREIL DE MESURE  
MICROMETRIQUE  
[72] Chavaillaz, Georges, CH  
[73] CYNNOVA S.A., CH  
[22] 1991-07-25  
[30] CH (2 829/90-7) 1990-08-31

[11] 2,048,051  
[13] C

[51] Int.Cl. 5C07D 251/12 5C07D 401/12  
5C07D 403/12 5C07D 413/12 5A01N 47/36  
[25] EN  
[54] HERBICIDAL SULFONYLUREAS,  
THEIR PREPARATION,  
INTERMEDIATES FOR THEIR  
PREPARATION AND THEIR USE  
[54] SULFONYLUREES A PROPRIETES  
HERBICIDES, LEUR PREPARATION,  
LES INTERMEDIAIRES SERVANT A  
LEUR PREPARATION ET LEURS  
APPLICATIONS  
[72] Hamprecht, Gerhard, DE  
[72] Mayer, Horst, DE  
[72] Westphalen, Karl-Otto, DE  
[72] Walter, Helmut, DE  
[72] Gerber, Matthias, DE  
[72] Grossmann, Klaus, DE  
[72] Rademacher, Wilhelm, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1991-07-29  
[30] DE (P 40 24 754.6) 1990-08-03

[11] 2,051,951  
[13] C

[51] Int.Cl. 5F16K 5/08  
[25] EN  
[54] TRAVEL STOP ASSEMBLY FOR  
VALVES  
[54] LIMITEUR DE COURSE POUR  
SOUPAPE  
[72] Lester, Leo M., US  
[73] Asahi/America, Inc., US  
[22] 1991-09-20  
[30] US (738,455) 1991-07-31

[11] 2,053,277  
[13] C

[51] Int.Cl. 5A61K 31/23  
[25] EN  
[54] USE OF LIPOXIN A4 AND ITS  
DERIVATIVES AS ANTAGONISTS FOR  
SLOW-REACTING SUBSTANCES OF  
ANAPHYLAXIS  
[54] UTILISATION DE LA LIPOXINE A4  
ET DE SES DERIVES COMME  
ANTAGONISTES DES SUBSTANCES A  
REACTION DIFFERE DE  
L'ANAPHYLAXIE (S.R.S.A.)  
[72] Serhan, Charles N., US  
[72] Badr, Kamal, US  
[73] Brigham and Women's Hospital, US  
[85] 1991-10-25  
[86] 1990-04-27 (PCT/US90/02320)  
[87] (WO90/13292)  
[30] US (344,633) 1989-04-28

[11] 2,053,306  
[13] C

[51] Int.Cl. 5B32B 27/08 5G09F 3/02  
5B32B 27/18 5B29C 49/24  
[25] EN  
[54] LABELSTOCK FOR IN-MOLD  
LABELING  
[54] PELLICULE POUR ETIQUETAGE  
DANS LE MOULE  
[72] Tung, Harvey C., US  
[73] THE DOW CHEMICAL COMPANY,  
US  
[85] 1991-10-18  
[86] 1991-01-10 (PCT/US91/00212)  
[87] (WO91/12961)  
[30] US (485,333) 1990-02-26

[11] 2,053,563  
[13] C

[51] Int.Cl. 5C08G 18/02 5C09D 175/04  
[25] EN  
[54] POLYISOCYANATES  
CONTAINING URETDIONE AND/OR  
ISOCYANURATE GROUPS, A PROCESS  
FOR THEIR PRODUCTION AND THEIR  
USE IN POLYURETHANE COATING  
COMPOSITIONS  
[54] POLYISOCYANATES  
CONTENANT DES GROUPEMENTS  
URETDIONE ET/OU ISOCYANURATE,  
PROCEDE D'OBTENTION ET EMPLOI  
DANS DES COMPOSITIONS DE  
REVETEMENT DU TYPE  
POLYURETHANE  
[72] Laas, Hans J., DE  
[72] Halpaap, Reinhard, DE  
[72] Pedain, Josef, DE  
[73] BAYER AKTIENGESELLSCHAFT,  
DE  
[22] 1991-10-16  
[30] DE (P 40 33 288.8) 1990-10-19

[11] 2,054,794  
[13] C

[51] Int.Cl. 5G06F 12/10  
[25] EN  
[54] LOGICAL PARTITIONING OF A  
REDUNDANT ARRAY STORAGE  
SYSTEM  
[54] SEGMENTATION EN UNITES  
LOGIQUES D'UNE MEMOIRE A  
RESEAUX REDONDANTS  
[72] Stallmo, David Charles, US  
[73] EMC Corporation, US  
[22] 1991-11-01  
[30] US (07/612,220) 1990-11-09

[11] 2,055,337  
[13] C

[51] Int.Cl. 5C03C 17/32  
[25] FR  
[54] VITRAGE ENCAPSULE PRET A  
ETRE MONTE ET PROCEDE DE  
FABRICATION  
[54] ENCAPSULATED GLAZING  
READY FOR MOUNTING AND  
MANUFACTURING PROCESS  
[72] Daude, Gérard, FR  
[72] Bravet, Jean-Louis, FR  
[72] Dimier, Gérard, FR  
[73] SAINT-GOBAIN VITRAGE  
INTERNATIONAL, FR  
[22] 1991-11-12  
[30] FR (90 14259) 1990-11-16

**Brevets canadiens délivrés  
24 avril 2001**

[11] **2,055,833**  
[13] C

[51] **Int.Cl. 5C08G 59/34 5G03F 7/028 5G03F 7/038**  
[25] EN  
[54] **PREPARATION OF UNSATURATED EPOXY ESTER RESIN AND CARBOXYLATED UNSATURATED EPOXY ESTER RESIN AND PHOTSENSITIVE COMPOSITION COMPRISING THE SAME**  
[54] **PREPARATION D'UNE RESINE ESTER EPOXYDE INSATUREE ET D'UNE RESINE ESTER EPOXYDE INSATUREE CARBOXYLEE; COMPOSITION PHOTOSENSIBLE A BASE DE CES PRODUITS**  
[72] Nishikawa, Katsue, JP  
[72] Hagiwara, Yoshichi, JP  
[73] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 1991-11-19  
[30] JP (315255/90) 1990-11-20

[11] **2,058,387**  
[13] C

[51] **Int.Cl. 5H04N 5/78**  
[25] EN  
[54] **METHOD AND CIRCUIT FOR REGENERATING THE BINARY BIT STREAM FROM A TERNARY SIGNAL**  
[54] **METHODE ET CIRCUIT DE REGENERATION DE TRAINS BINAIRES A PARTIR DE SIGNAUX TERNAIRES**  
[72] Scholz, Werner, DE  
[73] DEUTSCHE THOMSON-BRANDT GMBH, DE  
[22] 1991-12-23  
[30] DE (P 40 41 717.4) 1990-12-24

[11] **2,059,012**  
[13] C

[51] **Int.Cl. 5A23D 9/00**  
[25] EN  
[54] **OIL BLENDS**  
[54] **MELANGES D'HUILES**  
[72] van Bodegom, Bertus Marinus, NL  
[72] Decio, Maurizio, IT  
[72] Verschuren, Jozephus Johannes, NL  
[73] UNILEVER PLC, GB  
[22] 1992-01-08  
[30] GB (9100497.8) 1991-01-10

[11] **2,061,101**  
[13] C

[51] **Int.Cl. 5A61K 31/565**  
[25] FR  
[54] **UTILISATION DU TBA A TITRE DE MEDICAMENT CONTRE LE STRESS EN AQUACULTURE**  
[54] **USE OF TBA AS A DRUG AGAINST STRESS IN AQUACULTURE**  
[72] Kubota, Saburo, JP  
[73] HOECHST ROUSSEL VET S.A., FR  
[22] 1992-02-12  
[30] JP (3-40648) 1991-02-13

[11] **2,061,102**  
[13] C

[51] **Int.Cl. 5B65B 11/04**  
[25] EN  
[54] **METHOD AND ASSEMBLY FOR WRAPPING ROLLS, PAPER ROLLS IN PARTICULAR, IN A WRAPPER SHEET**  
[54] **METHODE D'EMBALLAGE DE ROULEAUX ET DE ROULEAUX DE PAPIER DANS UNE FEUILLE DESTINEE A CETTE FIN, ET DISPOSITIF**  
[72] Niskanen, Tapio, FI  
[72] Nieminen, Hannu, FI  
[73] Valmet Paper Machinery Inc., FI  
[22] 1992-02-12  
[30] FI (910665) 1991-02-12

[11] **2,064,879**  
[13] C

[51] **Int.Cl. 5B23K 3/03**  
[25] EN  
[54] **SOLDERING TOOL**  
[54] **FER A SOUDER**  
[72] Eisele, Ernst, DE  
[72] Eisele, Fritz, DE  
[73] COOPER INDUSTRIES, INC., US  
[85] 1992-02-20  
[86] 1990-08-21 (PCT/EP90/01387)  
[87] (WO91/02618)  
[30] DE (G8910049.2) 1989-08-22

[11] **2,065,729**  
[13] C

[51] **Int.Cl. 5B65D 85/24 5A61B 19/02**  
[25] EN  
[54] **HEMOSTATIC CLIP HOLDER**  
[54] **SUPPORT A PINCES HEMOSTATIQUES**  
[72] Peiffer, James E., US  
[73] Horizon Surgical, Inc., US  
[85] 1992-03-18  
[86] 1990-09-14 (PCT/US90/05240)  
[87] (WO91/04925)  
[30] US (412,777) 1989-09-26

[11] **2,066,183**  
[13] C

[51] **Int.Cl. 5B60G 9/00**  
[25] EN  
[54] **VEHICLE**  
[54] **VEHICULE**  
[72] Brown, David John, GB  
[72] Clay, Raymond, GB  
[73] JCB LANDPOWER LIMITED, GB  
[85] 1992-03-27  
[86] 1991-07-23 (PCT/GB91/01229)  
[87] (WO92/02381)  
[30] GB (9016638.0) 1990-07-28

[11] **2,069,009**  
[13] C

[51] **Int.Cl. 5H04M 11/00**  
[25] EN  
[54] **ENHANCED WIDE AREA AUDIO RESPONSE NETWORK**  
[54] **RESEAU TELEPHONIQUE LONGUE DISTANCE AMELIORE**  
[72] Richardson, Charles Thomson, Jr., US  
[72] Austin, Kevin Lee, US  
[73] United States Advanced Network, Inc., US  
[85] 1992-05-19  
[86] 1991-09-26 (PCT/US91/07061)  
[87] (WO92/06548)  
[30] US (591,047) 1990-10-01

Canadian Patents Issued  
April 24, 2001

[11] 2,069,894  
[13] C

[51] Int.Cl. 5F16K 37/00 5F15C 5/00  
5F04B 43/04 5A61M 5/142  
[25] EN  
[54] VALVE EQUIPPED WITH A  
POSITION DETECTOR AND A  
MICROPUMP INCORPORATING SAID  
VALVE  
[54] ROBINET COMPORTANT UN  
DETECTEUR DE POSITION ET  
MICROPOMPE MUNIE DE CE  
ROBINET  
[72] Van Lintel, Harald T. G., NL  
[73] Westonbridge International Limited, IE  
[85] 1992-04-21  
[86] 1991-08-21 (PCT/EP91/01586)  
[87] (WO92/04569)  
[30] CH (2833/90-9) 1990-08-31  
[30] CH (360/91-0) 1991-02-06

[11] 2,070,659  
[13] C

[51] Int.Cl. 5C12N 15/13 5C12P 21/08  
5A61K 39/395 6C07K 16/46 6C07K 14/705  
[25] EN  
[54] ANTIBODY PREPARATION  
[54] PREPARATION D'ANTICORPS  
[72] Gorman, Scott D., GB  
[72] Routledge, Edward G., GB  
[72] Waldmann, Herman, GB  
[73] Gorman, Scott D., GB  
[73] Routledge, Edward G., GB  
[73] Waldmann, Herman, GB  
[85] 1992-06-04  
[86] 1991-10-04 (PCT/GB91/01726)  
[87] (WO92/06193)  
[30] GB (9021679.7) 1990-10-05

[11] 2,071,072  
[13] C

[51] Int.Cl. 5B23D 29/02 5B26B 13/04  
[25] EN  
[54] SHEARS WITH REMOVABLE  
BLADES  
[54] CISAILLES A LAMES AMOVIBLES  
[72] Sorensen, Joseph A., US  
[72] Fuller, Anthony B., US  
[73] PROSNIP CORPORATION, US  
[22] 1992-06-11

[11] 2,073,166  
[13] C

[51] Int.Cl. 5A23K 1/16 5A23K 1/00  
[25] EN  
[54] PROCESS TO CORRECT AND  
OPTIMIZE THE COMPOSITION OF A  
FEED  
[54] PROCEDE POUR CORRIGER ET  
OPTIMISER LA COMPOSITION D'UN  
ALIMENT POUR ANIMAUX  
[72] Lange, Stefan, SE  
[72] Lönnroth, Ivar, SE  
[72] Martinsson, Kjell, SE  
[72] Göransson, Leif, SE  
[73] Svenska Lantmännens Riksförbund  
UPA, SE  
[85] 1992-07-03  
[86] 1991-01-03 (PCT/SE91/00003)  
[87] (WO91/09536)  
[30] SE (9000028-2) 1990-01-04

[11] 2,075,809  
[13] C

[51] Int.Cl. 5A01N 57/20 5A01N 25/00  
5A01N 25/06  
[25] EN  
[54] SPRAYABLE AGRICULTURAL  
COMPOSITIONS  
[54] COMPOSITIONS AGRICOLES  
PULVERISABLES  
[72] Chamberlain, Peter, GB  
[73] CIBA SPECIALTY CHEMICALS  
WATER TREATMENTS LIMITED, GB  
[85] 1992-08-11  
[86] 1991-03-26 (PCT/GB91/00451)  
[87] (WO91/14365)  
[30] GB (9006676.2) 1990-03-26

[11] 2,075,874  
[13] C

[51] Int.Cl. 5B61D 3/18 5B61D 45/00  
5B61D 3/20  
[25] EN  
[54] RAILWAY SPINE CAR  
[54] WAGON PORTE-CONTENEURS  
[72] Hesch, Harold E., US  
[73] Trinity Industries, Inc., US  
[22] 1992-08-12  
[30] US (749,686) 1991-08-26

[11] 2,076,837  
[13] C

[51] Int.Cl. 5G03G 5/047  
[25] EN  
[54] PHOTOCONDUCTIVE IMAGING  
MEMBERS  
[54] ELEMENTS D'IMAGERIE  
PHOTOCONDUCTEURS  
[72] Mort, Joseph, US  
[72] Machonkin, Mary Ann, US  
[73] XEROX CORPORATION, US  
[22] 1992-08-25  
[30] US (754,089) 1991-09-03

[11] 2,077,342  
[13] C

[51] Int.Cl. 5A61K 9/52  
[25] EN  
[54] DISPENSING DEVICE  
[54] DISPOSITIF DISTRIBUTEUR  
[72] Stevens, Howard Norman Ernest, GB  
[72] Rashid, Abdul, GB  
[72] Bakhshae, Massoud, GB  
[73] BTG INTERNATIONAL LIMITED,  
GB  
[85] 1992-09-01  
[86] 1991-03-01 (PCT/GB91/00317)  
[87] (WO91/12795)  
[30] GB (9004702.8) 1990-03-02

[11] 2,078,520  
[13] C

[51] Int.Cl. 5C07D 295/08 5C07D 405/06  
5C07D 409/06 5C07D 295/155 5A61K 31/  
495  
[25] FR  
[54] NOUVEAUX DERIVES DE LA  
TRIMETAZIDINE, LEUR PROCEDE DE  
PREPARATION ET LES  
COMPOSITIONS  
PHARMACEUTIQUES LES  
CONTENANT  
[54] TRIMETAZIDINE DERIVATIVES,  
PROCESS FOR PREPARING SAME  
AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING SAME  
[72] Regnier, Gilbert, FR  
[72] Vilaine, Jean-Paul, FR  
[72] Villeneuve, Nicole, FR  
[72] Bidouard, Jean-Pierre, FR  
[72] Iliou, Jean-Pierre, FR  
[72] Lenaers, Albert, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1992-09-17  
[30] FR (91.11469) 1991-09-18

**Brevets canadiens délivrés  
24 avril 2001**

---

[11] **2,079,172**  
[13] C

[51] **Int.Cl. 6C07K 7/06 6A61K 38/04**  
[25] EN  
[54] **CYCLOHEXAPEPTIDYL  
HYDROXYPROPIONITRILE  
COMPOUNDS**  
[54] **COMPOSES A BASE DE  
CYCLOHEXAPEPTIDYLHYDROXYPR  
OPIONITRILE**  
[72] Balkovec, James M., US  
[72] Zambias, Robert A., US  
[73] MERCK & CO., INC., US  
[22] 1992-09-25  
[30] US (771,018) 1991-10-01  
[30] US (936,434) 1992-09-03

---

[11] **2,082,204**  
[13] C

[51] **Int.Cl. 5G01R 31/06**  
[25] EN  
[54] **HIGH FREQUENCY SURGE  
TESTER METHODS AND APPARATUS**  
[54] **METHODES ET DISPOSITIF  
D'ESSAI HAUTE FREQUENCE**  
[72] Domenichini, Carlo, IT  
[72] Linari, Massimo, IT  
[73] Axis USA, Inc., US  
[22] 1992-11-05  
[30] US (796,643) 1991-11-22

---

[11] **2,085,858**  
[13] C

[51] **Int.Cl. 5B41J 2/01 5B41J 2/51**  
[25] EN  
[54] **DUAL DIRECTIONAL  
RECORDING APPARATUS AND  
RECORDING SYSTEM**  
[54] **APPAREIL ET SYSTEME  
D'ENREGISTREMENT  
BIDIRECTIONNEL**  
[72] Nakagawa, Yoshihiro, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1992-12-18  
[30] JP (3-345065) 1991-12-26

---

---

[11] **2,085,885**  
[13] C

[51] **Int.Cl. 5A61K 7/06 5A61K 31/195  
5A61K 31/365 5A61K 31/42**  
[25] EN  
[54] **ALTERATION OF RATE AND  
CHARACTER OF HAIR GROWTH**  
[54] **MODIFICATION DU RYTHME ET  
DE LA NATURE DE LA POUSSE DES  
CHEVEUX**  
[72] Ahluwalia, Gurpreet S., US  
[72] Shander, Douglas, US  
[72] Harrington, F. Eugene, US  
[73] THE GILLETTE COMPANY, US  
[85] 1992-12-18  
[86] 1991-06-21 (PCT/US91/04427)  
[87] (WO92/00069)  
[30] US (542,586) 1990-06-25

---

[11] **2,087,162**  
[13] C

[51] **Int.Cl. 5G06F 13/16 5G06F 11/00**  
[25] EN  
[54] **HIGH-SPEED, HIGH-CAPACITY,  
FAULT-TOLERANT, ERROR-  
CORRECTING STORAGE SYSTEM  
FOR BINARY COMPUTERS**  
[54] **SYSTEME DE STOCKAGE RAPIDE  
INSENSIBLE AUX DEFAILLANCES A  
GRANDE CAPACITE ET A  
CORRECTION DES ERREURS POUR  
ORDINATEURS BINAIRES**  
[72] Goodlander, Theodore Jay, US  
[72] Kacirek, Raul, US  
[72] Sarkozy, Andras, US  
[72] Hetenyi, Tamas, US  
[72] Selmeczi, Janos, US  
[73] STORAGE COMPUTER CORP., US  
[85] 1993-01-12  
[86] 1991-07-15 (PCT/US91/04988)  
[87] (WO92/01988)  
[30] US (554,127) 1990-07-17

---

[11] **2,087,762**  
[13] C

[51] **Int.Cl. 5H04R 1/44**  
[25] EN  
[54] **MOMENT BENDER TRANSDUCER**  
[54] **TRANSDUCTEUR DE MOMENTS  
FLECHISSANTS**  
[72] Erickson, David Justa, US  
[73] GENERAL ELECTRIC COMPANY,  
US  
[22] 1993-01-21  
[30] US (831,837) 1992-02-06

---

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[11] **2,087,187**  
[13] C

[51] **Int.Cl. 5E06B 3/66**  
[25] EN  
[54] **PROCESS AND DEVICE FOR  
ASSEMBLING INSULATING GLASS  
PANES FILLED WITH A GAS OTHER  
THAN AIR**  
[54] **PROCEDE ET INSTALLATION  
POUR L'ASSEMBLAGE DE FEUILLES  
DE VERRES ISOLANT REMPLI D'UN  
GAZ AUTRE QUE L'AIR**  
[72] Lenhardt, Karl, DE  
[72] Bogner, Uwe, DE  
[73] Lenhardt Maschinenbau GmbH, DE  
[85] 1993-01-12  
[86] 1991-07-12 (PCT/EP91/01307)  
[87] (WO92/01137)  
[30] DE (P 40 22 185.7) 1990-07-13

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[11] **2,087,762**  
[13] C

[51] **Int.Cl. 5H04R 1/44**  
[25] EN  
[54] **MOMENT BENDER TRANSDUCER**  
[54] **TRANSDUCTEUR DE MOMENTS  
FLECHISSANTS**  
[72] Erickson, David Justa, US  
[73] GENERAL ELECTRIC COMPANY,  
US  
[22] 1993-01-21  
[30] US (831,837) 1992-02-06

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[11] **2,090,297**  
[13] C

[51] **Int.Cl. 5H04R 25/00**  
[25] EN  
[54] **ADAPTIVE NOISE REDUCTION  
CIRCUIT FOR A SOUND  
REPRODUCTION SYSTEM**  
[54] **REDUCTEUR DE BRUIT  
ADAPTATIF POUR CHAINE AUDIO**  
[72] Engebretson, A. Maynard, US  
[72] O'Connell, Michael P., US  
[73] K/S HIMPP, DK  
[22] 1993-02-24  
[30] US (07/842,566) 1992-02-27

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Canadian Patents Issued  
April 24, 2001

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[11] **2,090,319**  
[13] C  
[51] **Int.Cl. 5B62D 33/10**  
[25] EN  
[54] **CABIN, ESPECIALLY FOR A CROSS-COUNTRY VEHICLE**  
[54] **CABINE, EN PARTICULIER POUR VEHICULE TOUT-TERRAIN**  
[72] Nyström, Sten, SE  
[73] TIGERCAT INDUSTRIES INC., CA  
[85] 1993-12-24  
[86] 1991-08-22 (PCT/SE91/00556)  
[87] (WO92/04224)  
[30] SE (9002771-5) 1990-08-30

---

[11] **2,091,501**  
[13] C  
[51] **Int.Cl. 5G06F 13/12**  
[25] EN  
[54] **HARDWARE PROTECTION CONTROL FOR COMPUTER STORAGE DEVICES**  
[54] **DISPOSITIF DE PROTECTION MATERIEL POUR MEMOIRES D'ORDINATEUR**  
[72] Elliott, Thomas E., CA  
[72] Gonzalez, Richard L., CA  
[73] MINISTER OF NATIONAL DEFENCE, CA  
[22] 1993-03-11

---

[11] \* **2,095,756**  
[13] C  
[51] **Int.Cl. 5G06F 15/66**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LINEAR COLOR PROCESSING**  
[54] **METHODE ET DISPOSITIF DE TRAITEMENT DE SIGNAUX D'IMAGES EN COULEURS**  
[72] Edgar, Albert D., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1993-05-07  
[30] US (925,712) 1992-08-14

---

[11] **2,090,972**  
[13] C  
[51] **Int.Cl. 5C08F 4/647 5C08F 10/00**  
[25] EN  
[54] **SUPPORTED MONOCYCLOPENTADIENYL TRANSITION METAL OLEFIN POLYMERIZATION CATALYSTS**  
[54] **CATALYSEURS A BASE D'UN METAL DE TRANSITION MONOCYCLOPENTADIENLIQUE SUR SUPPORT, POUR LA POLYMERISATION D'OLEFINES**  
[72] Canich, Jo Ann Marie, US  
[72] Licciardi, Gary Frederick, US  
[73] EXXON CHEMICAL PATENTS INC., US  
[85] 1993-03-03  
[86] 1991-09-13 (PCT/US91/06669)  
[87] (WO92/05203)  
[30] US (581,869) 1990-09-13

---

[11] **2,091,956**  
[13] C  
[51] **Int.Cl. 5G01R 1/067**  
[25] EN  
[54] **SIGNAL PROBE APPARATUS**  
[54] **SONDE A SIGNAUX**  
[72] Cake, Brian V., US  
[72] Dye, Stephen Timothy, GB  
[73] LeCroy Corporation, US  
[22] 1993-03-18  
[30] US (07/895,101) 1992-06-08

---

[11] **2,098,209**  
[13] C  
[51] **Int.Cl. 5B61D 7/26**  
[25] EN  
[54] **HATCH COVER LOCK AND HINGE**  
[54] **VERROU ET CHARNIERE POUR COUVERCLE DE TRAPPE**  
[72] Nadherny, Rudolph E., US  
[73] Ireco, Inc., US  
[22] 1993-06-11  
[30] US (008,714) 1993-01-22

---

[11] **2,091,017**  
[13] C  
[51] **Int.Cl. 5B41M 5/30**  
[25] EN  
[54] **THERMAL RECORDING SHEET**  
[54] **FEUILLE D'ENREGISTREMENT THERMIQUE**  
[72] Minami, Toshiaki, JP  
[72] Kaneko, Toshio, JP  
[73] NIPPON PAPER INDUSTRIES CO., LTD., JP  
[22] 1993-03-04  
[30] JP (62001/92) 1992-03-18

---

[11] **2,092,713**  
[13] C  
[51] **Int.Cl. 5G06F 15/401**  
[25] EN  
[54] **SPECTRAL DATA MEASUREMENT AND CORRECTION**  
[54] **MESURE ET CORRECTION DE DONNEES SPECTRALES**  
[72] Brown, James Milton, US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 1993-03-12  
[86] 1991-10-09 (PCT/US91/07578)  
[87] (WO92/07275)  
[30] US (596,435) 1990-10-12  
[30] US (597,910) 1990-10-15

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[11] **2,100,182**  
[13] C  
[51] **Int.Cl. 5C07C 11/02 5C07C 2/32**  
[25] FR  
[54] **PROCEDE DE FABRICATION D'OLEFINES ALPHA-LEGERES PAR OLIGOMERISATION DE L'ETHYLENE**  
[54] **PROCESS FOR PREPARATION OF LIGHT ALPHA-OLEFINS BY OLIGOMERIZATION OF ETHYLENE**  
[72] Chauvin, Yves, FR  
[72] Commereuc, Dominique, FR  
[72] Hugues, François, FR  
[72] Olivier, Hélène, FR  
[72] Saussine, Lucien, FR  
[73] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1993-07-09  
[30] FR (92/08 658) 1992-07-09

**Brevets canadiens délivrés  
24 avril 2001**

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[11] **2,100,665**  
[13] C

[51] **Int.Cl. 5H01R 4/20 5H01R 4/70**  
[25] EN  
[54] **ELECTRICAL CRIMP CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE A SERTIR**  
[72] Lamome, Alain, FR  
[73] Raychem S.A., FR  
[85] 1993-07-15  
[86] 1992-02-04 (PCT/GB92/00210)  
[87] (WO92/14278)  
[30] GB (9102661.7) 1991-02-07

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[11] **2,100,912**  
[13] C

[51] **Int.Cl. 5C08L 61/20 5C08K 9/00**  
[25] FR  
[54] **MATERIAU SYNTHETIQUE POLYMERE AYANT UNE ACTION ANTISEPTIQUE ET/OU ANTIOXYDANTE ET PROCEDE DE FABRICATION DUDIT MATERIAU**  
[54] **SYNTHETIC POLYMER MATERIAL WITH ANTISEPTIC AND/OR ANTI-OXIDING ACTION; PROCESS FOR MANUFACTURING SAID MATERIAL**  
[72] Gueret, Jean-Louis H., FR  
[73] L'OREAL, FR  
[22] 1993-07-20  
[30] FR (92 08975) 1992-07-21

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[11] **2,101,164**  
[13] C

[51] **Int.Cl. 5A61K 31/195 5A61K 9/16 5A61K 9/22 5A61K 47/32 5A61K 9/52**  
[25] FR  
[54] **MEDICAMENTS ADMINISTRABLES PAR VOIE ORALE, POUR LE TRAITEMENT DE LA CARENCE EN DOPAMINE DU SYSTEME NERVEUX CENTRAL**  
[54] **ORALLY ADMINISTERABLE DRUGS FOR THE TREATMENT OF CENTRAL DOPAMINE DEFICIENCY CONDITIONS**  
[72] Wenzel, Udo, DE  
[72] Weber, Günther, DE  
[72] Metzner, Jürgen, DE  
[72] Därr, Alfred, DE  
[72] Freitag, Sabine, DE  
[72] Flöther, Frank-Ulrich, CH  
[72] Albert, Frank-Michael, DE  
[72] Haase, Margit, DE  
[72] Leistner, Edith, DE  
[73] Isis Pharma GmbH, DE  
[85] 1993-07-22  
[86] 1992-01-23 (PCT/DE92/00043)  
[87] (WO92/12710)  
[30] DE (P 41 01 873.7) 1991-01-23

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[11] **2,103,066**  
[13] C

[51] **Int.Cl. 5D21C 3/02 5D21C 11/00 5D21C 3/24**  
[25] EN  
[54] **WHITE LIQUOR PREPARATION AND PULPING PROCESS**  
[54] **PREPARATION DE LIQUEUR BLANCHE ET PROCEDE DE REDUCTION DU BOIS EN PATE**  
[72] Lownertz, Patrik P. H., CA  
[73] H. A. Simons Ltd., CA  
[85] 1993-11-12  
[86] 1992-05-12 (PCT/CA92/00212)  
[87] (WO92/20856)  
[30] US (699,687) 1991-05-13

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[11] **2,103,986**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **RADIO TELEPHONY SYSTEM USING A MULTISUBSCRIBER UNIT**  
[54] **SYSTEME DE RADIOTELEPHONIE UTILISANT UNE UNITE MULTI-ABONNE**  
[72] Kaul, Pradeep, US  
[72] Kay, Stanley E., US  
[72] Avis, Graham, US  
[73] HUGHES ELECTRONICS CORPORATION, US  
[22] 1993-08-12  
[30] US (929,337) 1992-08-13  
[30] US (028,502) 1993-03-09  
[30] US (027,968) 1993-03-08

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[11] **2,105,413**  
[13] C

[51] **Int.Cl. 5A61J 1/03 5B65D 85/50**  
[25] EN  
[54] **DIVIDED PACKAGE OF ADSORBENT FOR INTERNAL USE AND PROCESS FOR PRODUCING THE SAME**  
[54] **CONDITIONNEMENT BICOMPARTIMENTE POUR ADSORBANT A USAGE INTERNE ET PROCEDE DE FABRICATION**  
[72] Ono, Saichi, JP  
[72] Chiba, Tadahiko, JP  
[72] Uehara, Yasuo, JP  
[73] Kureha Kagaku Kogyo Kabushiki Kaisha, JP  
[22] 1993-09-02  
[30] JP (264169/1992) 1992-09-08

---

[11] **2,109,452**  
[13] C

[51] **Int.Cl. 5E01C 9/00**  
[25] EN  
[54] **METHOD OF ASPHALT PAVING AND PAVEMENT**  
[54] **REVETEMENT BITUMINEUX ET METHODE DE MISE EN OEUVRE**  
[72] Amon, Thomas R., US  
[73] Amon, Thomas R., US  
[22] 1993-10-28  
[30] US (980,359) 1992-11-23



Canadian Patents Issued  
April 24, 2001

[11] 2,111,863  
[13] C

[51] Int.Cl. 5A61K 49/02 6C07K 14/00  
6C07K 7/06 6C07K 7/08  
[25] EN  
[54] **TECHNETIUM-99M LABELED  
PEPTIDES FOR IMAGING**  
[54] **PEPTIDES MARQUES AU  
TECHNETIUM-99M POUR LA  
VISUALISATION**  
[72] Dean, Richard T., US  
[72] Buttram, Scott, US  
[72] McBride, William, US  
[72] Lister-James, John, US  
[72] Civitello, Edgar R., US  
[73] Diatide, Inc., US  
[85] 1993-12-17  
[86] 1993-04-19 (PCT/US93/03687)  
[87] (WO93/21962)  
[30] US (871,282) 1992-04-20

[11] 2,112,805  
[13] C

[51] Int.Cl. 5C08L 89/06 5C09H 1/00  
6C07K 14/78  
[25] EN  
[54] **USE OF UNPIGMENTED FISH  
SKIN, PARTICULARLY FROM FLAT  
FISH, AS A NOVEL INDUSTRIAL  
SOURCE OF COLLAGEN,  
EXTRACTION METHOD, AND  
COLLAGEN AND BIOMATERIAL  
THEREBY OBTAINED**  
[54] **UTILISATION DE PEAUX DE  
POISSON NON PIGMENTEES,  
NOTAMMENT DE PEAUX DE  
POISSONS PLATS, COMME  
NOUVELLE SOURCE INDUSTRIELLE  
DE COLLAGENE, METHODE  
D'EXTRACTION, COLLAGENE ET  
BIOMATERIAUX OBTENUS**  
[72] Devictor, Pierre, FR  
[72] Allard, Roland, FR  
[72] Perrier, Eric, FR  
[72] Huc, Alain, FR  
[73] Coletica, FR  
[85] 1994-01-04  
[86] 1992-07-02 (PCT/FR92/00621)  
[87] (WO93/01241)  
[30] FR (91/08400) 1991-07-04

[11] 2,114,480  
[13] C

[51] Int.Cl. 5C08L 45/00 5C08L 65/00  
[25] EN  
[54] **CYCLOOLEFIN POLYMER  
COMPOSITION**  
[54] **COMPOSITION POLYMERIQUE A  
BASE DE CYCLOOLEFINE**  
[72] Abe, Yoshiharu, JP  
[72] Sagane, Toshihiro, JP  
[72] Tsuji, Yoichiro, JP  
[73] MITSUI CHEMICALS INC., JP  
[82] 1994-01-28  
[30] JP (14292/1993) 1993-01-29  
[30] JP (14297/1993) 1993-01-29  
[30] JP (14298/1993) 1993-01-29

[11] 2,117,344  
[13] C

[51] Int.Cl. 5G01R 15/07 5G01R 19/00  
[25] EN  
[54] **CURRENT SENSOR**  
[54] **DETECTEUR DE COURANT**  
[72] Clarke, Ian Grainge, AU  
[73] University of Sydney (The), AU  
[85] 1994-06-22  
[86] 1992-12-22 (PCT/AU92/00680)  
[87] (WO93/13428)  
[30] AU (PLO193) 1991-12-24

[11] 2,119,499  
[13] C

[51] Int.Cl. 5B01D 21/01  
[25] EN  
[54] **METHOD FOR FLOCCULATING  
FINELY DIVIDED SOLIDS SUSPENDED  
IN NONPOLAR LIQUIDS**  
[54] **METHODE POUR LA  
FLOCCULATION DE MATIERES  
SOLIDES FINEMENT DIVISEES EN  
SUSPENSION DANS DES LIQUIDES  
NON POLAIRES**  
[72] Holdar, Robert Martin, US  
[72] Paulson, Michael L., US  
[73] NCH CORPORATION, US  
[22] 1994-03-21  
[30] US (122,727) 1993-09-16

[11] 2,125,301  
[13] C

[51] Int.Cl. 5B25C 1/10 5F16B 19/14  
[25] EN  
[54] **ATTACHMENT MEMBER  
SETTING TOOL AND METHOD FOR  
SETTING THE ATTACHMENT  
MEMBER**  
[54] **OUTIL ET METHODE POUR  
ENFONCER LES ELEMENTS DE  
FIXATION DE PANNEAUX ISOLANTS**  
[72] Schmidle, Josef, AT  
[72] Stefanoudakis, Dimitrios, AT  
[73] Hilti Aktiengesellschaft, DE  
[22] 1994-06-07  
[30] DE (P 43 18 965.2) 1993-06-08

[11] 2,129,319  
[13] C

[51] Int.Cl. 5G03G 15/09  
[25] EN  
[54] **MAGNETIC BRUSH  
DEVELOPMENT APPARATUS FOR  
TONER ADD/MIX DISPENSER**  
[54] **DISPOSITIF DE  
DEVELOPPEMENT A BROUSSE  
MAGNETIQUE POUR DISTRIBUTEUR  
DE TONER**  
[72] Corrigan, Richard W., Jr., US  
[73] XEROX CORPORATION, US  
[22] 1994-08-02  
[30] US (139,960) 1993-10-20

[11] 2,129,558  
[13] C

[51] Int.Cl. 5H01M 10/02  
[25] EN  
[54] **BATTERY WITH IMPROVED  
SAFETY DURING MECHANICAL  
ABUSE**  
[54] **BATTERIE PRESENTANT DES  
CARACTERISTIQUES DE SECURITE  
ACCRUES EN CAS D'ABUS  
MECANIQUES**  
[72] von Sacken, Ulrich, CA  
[72] Chow, Wendy, CA  
[72] Shkuratoff, Allen, CA  
[73] E-ONE MOLI ENERGY (CANADA)  
LIMITED, CA  
[22] 1994-08-05

**Brevets canadiens délivrés  
24 avril 2001**

---

[11] **2,130,021**  
[13] C

[51] **Int.Cl. 5B29C 45/23 5B29C 45/20**  
[25] EN  
[54] **INJECTION MOLDING NOZZLE**  
[54] **AJUTAGE UTILISE EN MOULAGE**  
**PAR INJECTION**  
[72] Krummenacher, Josef, CH  
[73] Apparate- und Werkzeugbau AG, CH  
[22] 1994-08-12  
[30] CH (02 406/93-0) 1993-08-13

---

[11] **2,134,636**  
[13] C

[51] **Int.Cl. 5C12Q 1/18 5C12M 1/34**  
[25] EN  
[54] **TOXICITY TESTING ASSAY**  
[54] **ESSAI TOXICOLOGIQUE**  
[72] Blankemeyer, James T., US  
[73] Oklahoma State University, US  
[22] 1994-10-28  
[30] US (153,415) 1993-11-15

---

[11] **2,134,776**  
[13] C

[51] **Int.Cl. 5A62D 3/00 5C02F 11/00**  
**5C05F 7/00 5C05F 9/00 5C05F 17/00**  
**5C05G 3/00**  
[25] EN  
[54] **STABILIZATION OF BIOWASTES**  
[54] **STABILISATION DES DECHETS**  
**BIOLOGIQUES**  
[72] Cox, James P., US  
[72] Cox, R. W. Duffy, US  
[73] Cox, James P., US  
[73] Cox, R. W. Duffy, US  
[85] 1994-10-31  
[86] 1993-05-14 (PCT/US93/04598)  
[87] (WO93/23087)  
[30] US (07/886,417) 1992-05-19

---

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

[51] **Int.Cl. 5C12P 21/08 6C07K 16/28**  
**5A61K 39/395**  
[25] EN  
[54] **ANTI-RECEPTOR AGENTS TO**  
**THE VITAMIN B12/**  
**TRANSCOBALAMIN II RECEPTOR**  
[54] **AGENTS CONTRE LE**  
**RECEPTEUR DE LA VITAMINE B12 ET**  
**DE LA TRANSCOBALAMINE II**  
[72] Morgan, Alton C., Jr., US  
[73] B. TWELVE, INC., US  
[85] 1994-11-07  
[86] 1993-05-07 (PCT/US93/04341)  
[87] (WO93/23557)  
[30] US (07/880,540) 1992-05-08

---

[11] **2,137,364**  
[13] C

[51] **Int.Cl. 5B01D 53/34 5B01D 53/18**  
[25] EN  
[54] **WET-TYPE FLUE GAS**  
**DESULFURIZATION PLANT**  
[54] **INSTALLATION DE**  
**DESULFURATION HUMIDE DES GAZ**  
**DE COMBUSTION**  
[72] Kuroda, Hiroshi, JP  
[72] Nakajima, Fumito, JP  
[72] Nishimura, Masakatsu, JP  
[72] Kaku, Hiroyuki, JP  
[72] Nozawa, Shigeru, JP  
[72] Takamoto, Shigehito, JP  
[72] Nakamoto, Takanori, JP  
[72] Kikkawa, Hirofumi, JP  
[72] Ishizaka, Hiroshi, JP  
[72] Katagawa, Atsushi, JP  
[72] Kon, Mitsuharu, JP  
[72] Yamamoto, Masayuki, JP  
[72] Yoshida, Kunikatsu, JP  
[73] Babcock-Hitachi Kabushiki Kaisha, JP  
[85] 1994-12-05  
[86] 1994-04-07 (PCT/JP94/00583)  
[87] (WO94/23826)  
[30] JP (83656/93) 1993-04-09  
[30] JP (282569/93) 1993-11-11  
[30] JP (324264/93) 1993-12-22  
[30] JP (328824/93) 1993-12-24

---

[11] **2,142,055**  
[13] C

[51] **Int.Cl. 6H05K 1/18 6H05K 3/30**  
[25] EN  
[54] **ANNULAR CIRCUIT**  
**COMPONENTS COUPLED WITH**  
**PRINTED CIRCUIT BOARD**  
**THROUGH-HOLE**  
[54] **COMPOSANTS DE CIRCUIT**  
**ANNULAIRE COUPLES A UN TROU DE**  
**TRAVERSEE DE CARTE DE CIRCUIT**  
**IMPRIME**  
[72] Howard, James R., US  
[72] Lucas, Gregory L., US  
[72] Bryan, Scott K., US  
[72] Choe, Jin S., US  
[72] Biunno, Nicholas, US  
[73] HADCO SANTA CLARA, INC., US  
[22] 1995-02-08  
[30] US (220,540) 1994-04-05

---

[11] \* **2,142,380**  
[13] C

[51] **Int.Cl. 6H04N 7/173 6G11B 20/10**  
[25] EN  
[54] **BUFFER MANAGEMENT POLICY**  
**FOR AN ON-DEMAND VIDEO SERVER**  
[54] **POLITIQUE DE GESTION DE**  
**TAMPONS POUR SERVEUR VIDEO**  
**REPONDANT SUR DEMANDE**  
[72] Dan, Asit, US  
[72] Sitaram, Dinkar, US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1995-02-13  
[30] US (204,038) 1994-03-01

---

[11] \* **2,142,802**  
[13] C

[51] **Int.Cl. 6G06F 3/023**  
[25] EN  
[54] **KEYBOARD WITH TRANSLATING**  
**SECTIONS**  
[54] **CLAVIER A SECTIONS**  
**COULISSANTES**  
[72] Agata, Hiroaki, US  
[72] Goldowsky, Michael P., US  
[72] Karidis, John P., US  
[72] McVicker, Gerard, US  
[72] Nakada, Kazuo, US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1995-02-17  
[30] US (216,984) 1994-03-23

---

[11] **2,144,574**  
[13] C

[51] **Int.Cl. 6G07B 17/00**  
[25] EN  
[54] **OPTICAL TRIGGER FOR**  
**POSTAGE METER**  
[54] **DECLENCHEUR OPTIQUE POUR**  
**MACHINE A AFFRANCHIR**  
[72] Utiger, Marc, CH  
[72] Poschung, Anton, CH  
[73] ASCOM HASLER MAILING  
SYSTEMS AG, CH  
[22] 1995-03-14  
[30] US (08/213,929) 1994-03-16

Canadian Patents Issued  
April 24, 2001

[11] 2,147,618  
[13] C

[51] Int.Cl. 6C12Q 1/68 6C07H 21/04  
[25] EN  
[54] **PROBE FOR DIAGNOSING OF INFECTIOUS DISEASES**  
[54] **SONDE POUR LE DIAGNOSTIC DE MALADIES INFECTIEUSES**  
[72] Hirotsu, Takuo, JP  
[72] Keshi, Hiroyuki, JP  
[72] Matsuhisa, Akio, JP  
[72] Ohno, Tsuneya, JP  
[73] Fuso Pharmaceutical Industries, Ltd., JP  
[73] Ohno, Tsuneya, JP  
[85] 1995-04-21  
[86] 1993-10-25 (PCT/JP93/01555)  
[87] (WO94/10341)  
[30] JP (4-285802) 1992-10-23

[11] 2,149,053  
[13] C

[51] Int.Cl. 6F16C 35/04  
[25] EN  
[54] **BEARING MOUNTING FOR SHAFTS**  
[54] **PALIER POUR ARBRES**  
[72] Linteau, Michel, CA  
[73] Linteau, Michel, CA  
[85] 1995-05-09  
[86] 1993-11-12 (PCT/CA93/00474)  
[87] (WO94/11645)  
[30] US (07/974,507) 1992-11-12

[11] 2,149,449  
[13] C

[51] Int.Cl. 6B62D 53/08  
[25] EN  
[54] **PLURAL HEIGHT POWERED FIFTH WHEEL HITCH**  
[54] **SELLETTE D'ATTELAGE MECANIQUE A PLUSIEURS HAUTEURS**  
[72] Flater, James H., US  
[73] Holland Hitch Company, US  
[22] 1995-05-16  
[30] US (08/280,158) 1994-07-25

[11] 2,153,070  
[13] C

[51] Int.Cl. 6A22C 13/00  
[25] EN  
[54] **BIAXIALLY STRETCHED FIVE-LAYER TUBULAR FILM FOR WRAPPING AND COVERING PASTE-FORM FOOD-STUFFS**  
[54] **FEUILLE TUBULAIRE A CINQ COUCHES ETIRABLE SELON DEUX AXES POUR L'EMBALLAGE ET LA PROTECTION DE PRODUITS ALIMENTAIRES PATEUX**  
[72] Grund, Hartmut, DE  
[73] Naturin GmbH & Co., DE  
[85] 1995-06-29  
[86] 1994-11-09 (PCT/EP94/03676)  
[87] (WO95/13707)  
[30] DE (P 43 39 337.3) 1993-11-19

[11] 2,153,773  
[13] C

[51] Int.Cl. 6B05B 1/26 6B05B 7/06 6B01D 53/18 6B01D 53/50  
[25] EN  
[54] **DEVICE FOR CLEANING FLUE GASES IN FLUE-GAS DESULPHURIZATION INSTALLATIONS BY SPRAYING A LIME SUSPENSION INTO THE FLUE GAS**  
[54] **DISPOSITIF POUR PURIFIER LES GAZ DE CARNEAU DANS LES INSTALLATIONS DE DESULFURATION DESDITS GAZ, PAR PULVERISATION D'UNE SUSPENSION DE CHAUX DANS CES DERNIERS**  
[72] Reintanz, Bernhard, DE  
[73] Reintanz, Bernhard, DE  
[85] 1995-07-12  
[86] 1993-09-24 (PCT/DE93/00914)  
[87] (WO94/15700)  
[30] DE (P 43 00 751.1) 1993-01-14

[11] 2,154,055  
[13] C

[51] Int.Cl. 6B24D 3/10  
[25] EN  
[54] **BRAZING OF DIAMOND FILM TO TUNGSTEN CARBIDE**  
[54] **BRASAGE D'UNE PELLICULE DIAMANTEE ET DE CARBURE DE TUNGSTENE**  
[72] Kapoor, Rakesh R., US  
[72] Nagy, Bela G., US  
[72] Bigelow, Louis K., US  
[73] SAINT-GOBAIN CERAMICS & PLASTICS, INC., US  
[22] 1995-07-17  
[30] US (08/283,311) 1994-07-29

[11] 2,154,091  
[13] C

[51] Int.Cl. 6G03G 9/00 6G03G 9/083 6G03G 9/113  
[25] EN  
[54] **MAGNETIC TONER COMPOSITIONS**  
[54] **COMPOSITIONS DE TONERS MAGNETIQUES**  
[72] Grande, Michael L., US  
[72] Grushkin, Bernard, US  
[72] Young, Eugene F., US  
[72] Lundy, Douglas A., US  
[72] Matalovich, Joseph R.E., US  
[73] XEROX CORPORATION, US  
[22] 1995-07-18  
[30] US (08/331,444) 1994-10-31

[11] 2,155,885  
[13] C

[51] Int.Cl. 6G03G 15/00 6G03G 21/00 6G03G 15/14 6G03G 15/16  
[25] EN  
[54] **DUAL MODE SHEET FEEDER**  
[54] **DISPOSITIF D'ALIMENTATION FEUILLE A FEUILLE A DEUX MODES**  
[72] Petocchi, Ermanno C., US  
[73] XEROX CORPORATION, US  
[22] 1995-08-11  
[30] US (344,058) 1994-11-23

[11] 2,158,717  
[13] C

[51] Int.Cl. 6H04Q 7/26  
[25] EN  
[54] **ELECTRONIC EXCHANGE SYSTEM FOR PORTABLE STATIONS**  
[54] **CENTRAL ELECTRONIQUE POUR STATIONS PORTATIVES**  
[72] Suzuki, Hirokazu, JP  
[72] Shirakawa, Masakazu, JP  
[72] Nakano, Motohiro, JP  
[72] Ito, Emi, JP  
[73] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1995-09-20  
[30] JP (6-225064) 1994-09-20

[11] 2,158,871  
[13] C

[51] Int.Cl. 6A63B 22/00  
[25] EN  
[54] **ROCKING PEDALS**  
[54] **PEDALES OSCILLANTES**  
[72] Hervig, Dana Petersen, US  
[73] Hervig, Dana Petersen, US  
[22] 1995-09-11  
[30] US (08/311,563) 1994-09-23

**Brevets canadiens délivrés  
24 avril 2001**

---

[11] **2,164,963**  
[13] C

[51] **Int.Cl. 6H04B 7/14 6H04B 1/04 6H04B 1/16 6A61N 1/372**  
[25] EN  
[54] **PACEMAKER TELEMETRY SYSTEM**  
[54] **SYSTEME DE TELEMESURE POUR CARDIOSTIMULATEUR**  
[72] Ryan, Terrence G., US  
[72] Busacker, James W., US  
[72] Hochban, Robert A., US  
[73] MEDTRONIC, INC., US  
[85] 1995-12-11  
[86] 1994-05-10 (PCT/US94/05179)  
[87] (WO95/00202)  
[30] US (08/085,489) 1993-06-28

---

[11] **2,165,192**  
[13] C

[51] **Int.Cl. 6C07D 213/75 6A61K 31/165 6A61K 31/275 6A61K 31/44 6C07C 235/56 6C07C 255/60 6C07D 213/89**  
[25] EN  
[54] **FLUOROALKOXY-SUBSTITUTED BENZAMIDES AND THEIR USE AS CYCLIC NUCLEOTIDE PHOSPHODIESTERASE INHIBITORS**  
[54] **DERIVES DE SUBSTITUTION FLUOROALCOXY DE BENZAMIDES ET LEUR UTILISATION COMME INHIBITEURS DE LA NUCLEOTIDE PHOSPHODIESTERASE CYCLIQUE**  
[72] Amschler, Hermann, DE  
[73] BYK GULDEN LOMBERG CHEMISCHE FABRIK GmbH, DE  
[85] 1995-12-13  
[86] 1994-07-02 (PCT/EP94/02169)  
[87] (WO95/01338)  
[30] CH (1996/93-9) 1993-07-02

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[11] **2,166,203**  
[13] C

[51] **Int.Cl. 6C07D 417/14 6C07D 417/04 6C07D 295/155**  
[25] EN  
[54] **PROCESSES AND INTERMEDIATES FOR THE PREPARATION OF 5--2-(4-(BENZOISOTHIAZOL-3-YL)-PIPERAZIN-1-YL)ETHYL]- 6-CHLORO-1,3-DIHYDRO-INDOL-2-ONE**  
[54] **METHODES ET INTERMEDIAIRES POUR LA PREPARATION DE 5--2-(4-(BENZOISOTHIAZOL-3-YL)PIPERAZIN-1-YL)ETHYL]-6-CHLORO-1,3-DIHYDRO-INDOL-2-ONE**  
[72] Urban, Frank John, US  
[73] PFIZER INC., US  
[85] 1995-12-27  
[86] 1994-04-06 (PCT/IB94/00061)  
[87] (WO95/00510)  
[30] US (08/083,429) 1993-06-28

---

[11] **2,166,618**  
[13] C

[51] **Int.Cl. 6D21C 1/04**  
[25] EN  
[54] **PULP PRODUCTION**  
[54] **PROCEDE DE FABRICATION DE PATE**  
[72] Fahlgren, Christer, SE  
[72] Gustavsson, Sören, SE  
[72] Tibbling, Petter, SE  
[72] Johansson, Ewa Westlund, SE  
[73] Kvaerner Pulping Aktiebolag, SE  
[85] 1996-01-04  
[86] 1994-07-05 (PCT/SE94/00662)  
[87] (WO95/02726)  
[30] SE (9302409-9) 1993-07-12

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[11] **2,167,800**  
[13] C

[51] **Int.Cl. 6B01D 29/66**  
[25] EN  
[54] **FILTER BACKFLUSHING SYSTEM**  
[54] **SYSTEME DE DECOLMATAGE DE FILTRES A CONTRE-COURANT**  
[72] Bolton, Joseph A., US  
[72] Carstensen, Peter T., US  
[73] THERMO FIBERTEK, INC., US  
[85] 1996-01-22  
[86] 1994-07-18 (PCT/US94/07997)  
[87] (WO95/03869)  
[30] US (08/097,551) 1993-07-27

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[11] **2,168,176**  
[13] C

[51] **Int.Cl. 6G02B 7/18**  
[25] EN  
[54] **PRISM SUPPORT**  
[54] **SUPPORT DE PRISME**  
[72] Buzikievich, Steven J., CA  
[73] Buzikievich, Steven J., CA  
[22] 1996-01-25

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[11] **2,169,265**  
[13] C

[51] **Int.Cl. 6A47J 37/07 6F24B 3/00**  
[25] EN  
[54] **OUTDOOR COOKING DEVICE**  
[54] **DISPOSITIF POUR LA CUISSON A L'EXTERIEUR**  
[72] Ragland, G. William, US  
[72] Ragland, Christopher Vance, US  
[72] Parker, Ralph Edward, US  
[73] ATD Corporation, US  
[85] 1996-02-09  
[86] 1994-08-10 (PCT/US94/08994)  
[87] (WO95/04901)  
[30] US (08/103,770) 1993-08-10

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[11] **2,169,980**  
[13] C

[51] **Int.Cl. 6G03G 13/22 6G03G 5/043 6G03G 5/06**  
[25] EN  
[54] **METHOD FOR OBTAINING IMPROVED IMAGE CONTRAST IN MIGRATION IMAGING MEMBERS**  
[54] **METHODE POUR ACCENTUER LE CONTRASTE DANS LES AGENTS D'IMAGERIE A MIGRATION**  
[72] Liebermann, George, CA  
[72] Griffiths, Clifford H., US  
[72] Shahin, Michael M., US  
[72] Mammino, Joseph, US  
[72] Limburg, William W., US  
[72] Malhotra, Shadi L., CA  
[72] Chen, Liqin, CA  
[72] Perron, Marie-Eve, CA  
[73] XEROX CORPORATION, US  
[22] 1996-02-21  
[30] US (441,360) 1995-05-15

---

Canadian Patents Issued  
April 24, 2001

[11] **2,170,921**  
[13] C

[51] **Int.Cl. 6B02C 13/02 6B02C 13/26**  
[25] EN  
[54] **REFINER AND A METHOD FOR ATTACHING DISCS THEREOF**  
[54] **CONCASSEUR; METHODE POUR LA FIXATION DES DISQUES CORRESPONDANTS**  
[72] Aikawa, Yoshihiko, JP  
[73] AIKAWA IRON WORKS CO., LTD., JP  
[22] 1996-03-04  
[30] JP (1996-31852) 1996-02-20

[11] **2,171,178**  
[13] C

[51] **Int.Cl. 6E21B 17/07**  
[25] EN  
[54] **TOOL FOR MAINTAINING WELLBORE PENETRATION**  
[54] **OUTIL DE MAINTIEN DE LA PENETRATION DANS UN PUIT DE FORAGE**  
[72] LaBonte, Raymond C., CA  
[73] LaBonte, Raymond C., CA  
[85] 1996-03-06  
[86] 1994-10-12 (PCT/CA94/00569)  
[87] (WO95/12051)  
[30] US (08/143,441) 1993-10-26

[11] \* **2,175,710**  
[13] C

[51] **Int.Cl. 6H04N 7/173**  
[25] EN  
[54] **FIXED VIDEO-ON-DEMAND**  
[54] **SYSTEME DE DISTRIBUTION VIDEO SUR DEMANDE**  
[72] Ganek, Alan George, US  
[72] Herzberg, Louis Paul, US  
[72] Ruiz, Antonio, US  
[72] Willner, Barry Edward, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1996-05-01  
[30] US (08/490,747) 1995-06-15

[11] **2,176,620**  
[13] C

[51] **Int.Cl. 6A61K 38/18 6C12N 5/06 6C12N 5/08 6A61K 38/48 6G01N 33/566**  
[25] EN  
[54] **HEPATIC GROWTH FACTOR RECEPTOR IS THE MET PROTO-ONCOGENE**  
[54] **COMPLEXE A BASE DE FACTEUR DE CROISSANCE HEPATIQUE ET DE PROTO-ONCOGENE**  
[72] Bottaro, Donald P., US  
[72] Rubin, Jeffrey S., US  
[72] Faletto, Donna, US  
[72] Chan, Andrew M.-L., US  
[72] Vande Woude, George F., US  
[72] Aaronson, Stuart A., US  
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[22] 1992-01-15  
[30] US (642,971) 1991-01-18

[11] **2,177,890**  
[13] C

[51] **Int.Cl. 6C08J 7/18**  
[25] EN  
[54] **PLASMA ASSISTED GRAFTING OF MALEIC ANHYDRIDE TO POLYOLEFINS**  
[54] **GREFFE D'ANHYDRIDE MALEIQUE AUX POLYOLEFINES, A L'AIDE DE PLASMA**  
[72] Foerch, Renate, DE  
[72] Graham, Blair Alfred, CA  
[72] Walzak, Mary Jane, CA  
[72] Hunter, Duncan Harvey, CA  
[73] E.S.T.A.C., CA  
[73] UNIVERSITY OF WESTERN ONTARIO (THE), CA  
[22] 1996-05-31  
[30] US (08/458,246) 1995-06-02

[11] **2,178,687**  
[13] C

[51] **Int.Cl. 6B60C 11/01 6B60C 11/11 6B60C 11/12**  
[25] EN  
[54] **PNEUMATIC RADIAL TIRE FOR HEAVY LOADS**  
[54] **PNEU A CARCASSE RADIALE POUR POIDS LOURDS**  
[72] Kishi, Atao, JP  
[72] Maruyama, Hirokatsu, JP  
[73] Yokohama Rubber Co., Ltd. (The), JP  
[22] 1996-06-10  
[30] JP (7-154968) 1995-06-21  
[30] JP (7-162254) 1995-06-28  
[30] JP (8-13302) 1996-01-29

[11] **2,179,322**  
[13] C

[51] **Int.Cl. 6H04N 7/088 6H04N 7/50**  
[25] EN  
[54] **BANDWIDTH EFFICIENT COMMUNICATION OF USER DATA IN DIGITAL TELEVISION DATA STREAM**  
[54] **TRANSMISSION DE DONNEES D'UTILISATEUR ECONOMISANT LA BANDE PASSANTE DANS UNE CHAINE DE DONNEES DE TELEVISION NUMERIQUE**  
[72] Nuber, Ray, US  
[72] Moroney, Paul, US  
[72] Hoogenboom, Chris, US  
[73] GENERAL INSTRUMENT CORPORATION OF DELAWARE, US  
[22] 1996-06-17  
[30] US (08/495,369) 1995-06-28

[11] **2,179,529**  
[13] C

[51] **Int.Cl. 6B42F 13/16**  
[25] EN  
[54] **RING BINDER**  
[54] **RELIURE A ANNEAU**  
[72] Wada, Takao, JP  
[73] Kokuyo Co., Ltd., JP  
[85] 1996-06-19  
[86] 1996-01-26 (PCT/JP96/00174)  
[87] (WO97/06015)  
[30] JP (7-203505) 1995-08-09

[11] **2,179,996**  
[13] C

[51] **Int.Cl. 6B22D 11/16 6G01N 27/12**  
[25] EN  
[54] **MANUFACTURE OF COPPER ROD**  
[54] **FABRICATION D'UNE TIGE DE CUIVRE**  
[72] Hugens, John Richmond Jr., US  
[72] Ferrel, Stephen Lloyd, US  
[72] Spence, Gary Lee, US  
[73] ASARCO INCORPORATED, US  
[85] 1996-06-26  
[86] 1994-01-18 (PCT/US94/00653)  
[87] (WO95/19236)

**Brevets canadiens délivrés  
24 avril 2001**

---

[11] **2,181,390**  
[13] C

[51] **Int.Cl. 6A61K 47/30 6A61K 9/127 6A61K 47/44**  
[25] EN  
[54] **PHOSPHOLIPID FORMULATIONS**  
[54] **FORMULATIONS A BASE DE PHOSPHOLIPIDES**  
[72] MODI, Pankaj, CA  
[73] GENEREX PHARMACEUTICALS INC., CA  
[22] 1996-07-17  
[30] US (60/001,473) 1995-07-18

---

[11] **2,181,791**  
[13] C

[51] **Int.Cl. 6C08G 63/08 6C08L 67/04 6A61L 15/26 6B65D 65/46 6A61L 15/62**  
[25] EN  
[54] **BIODEGRADABLE COPOLYMERS AND PLASTIC ARTICLES COMPRISING BIODEGRADABLE COPOLYMERS**  
[54] **COPOLYMERES BIODEGRADABLES ET ARTICLES EN PLASTIQUE CONTENANT DES POLYMERES BIODEGRADABLES**  
[72] Noda, Isao, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-07-22  
[86] 1994-11-15 (PCT/US94/13172)  
[87] (WO95/20614)  
[30] US (08/187,969) 1994-01-28  
[30] US (08/306,349) 1994-09-15

---

[11] **2,181,795**  
[13] C

[51] **Int.Cl. 6C08G 63/08 6C08L 67/04 6A61L 15/26 6A61L 15/62**  
[25] EN  
[54] **BIODEGRADABLE COPOLYMERS AND PLASTIC ARTICLES COMPRISING BIODEGRADABLE COPOLYMERS OF 3-HYDROXYHEXANOATE**  
[54] **COPOLYMERES BIODEGRADABLES ET ARTICLES PLASTIQUES COMPRENANT DES COPOLYMERES BIODEGRADABLES DE 3-HYDROXYHEXANOATE**  
[72] Noda, Isao, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-07-28  
[86] 1995-01-13 (PCT/US95/00569)  
[87] (WO95/20615)  
[30] US (08/189,029) 1994-01-28

---

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[11] **2,181,948**  
[13] C

[51] **Int.Cl. 6G07C 15/00**  
[25] EN  
[54] **LOTTO TICKET DISPENSER**  
[54] **DISTRIBUTEUR DE BILLETS DE LOTERIE**  
[72] Connolly, Diarmuid K., CA  
[73] Connolly, Diarmuid K., CA  
[22] 1996-07-24  
[30] US (08/505,897) 1995-07-24

---

[11] **2,182,109**  
[13] C

[51] **Int.Cl. 6C07C 69/593 6C07F 7/08 6C07C 43/188 6C08G 77/24 6C11D 3/37**  
[25] FR  
[54] **POLYORGANOSILOXANES PERHALOGENES POLYFONCTIONNELS ET LEURS PROCEDES D'OBTENTION**  
[54] **PERHALOGENATED POLYFUNCTIONAL POLYORGANOSILOXANES AND PROCESS FOR PREPARING THEM**  
[72] Jost, Philippe, FR  
[72] Karrer, Philippe, FR  
[72] Mignani, Gérard, FR  
[72] Olier, Philippe, FR  
[73] RHONE-POULENC CHIMIE, FR  
[22] 1996-07-25  
[30] FR (95 09 268) 1995-07-25

---

[11] **2,184,165**  
[13] C

[51] **Int.Cl. 6H04Q 7/26 6H04M 3/42 6H04Q 3/42**  
[25] EN  
[54] **A TELEPHONE COMMUNICATION SYSTEM HAVING A LOCATOR**  
[54] **SYSTEME DE LIAISONS TELEPHONIQUES COMPORTANT UN DISPOSITIF DE LOCALISATION**  
[72] Yacenda, Michael, US  
[72] Chaco, John, US  
[72] Ram, Yaron, US  
[73] Executone Information Systems, Inc., US  
[85] 1996-08-26  
[86] 1995-02-27 (PCT/US95/02441)  
[87] (WO95/23478)  
[30] US (08/203,340) 1994-02-28  
[30] US (08/369,184) 1995-01-05

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[11] **2,184,898**  
[13] C

[51] **Int.Cl. 6D06M 13/463 6D06M 15/643**  
[25] EN  
[54] **FABRIC SOFTENER COMPOSITIONS**  
[54] **COMPOSITIONS ASSOUPLEISSANTES POUR TISSUS**  
[72] Lapierre, Luc, US  
[72] Trinh, Toan, US  
[72] Wahl, Errol Hoffman, US  
[72] Swartley, Donald Marion, US  
[72] Bacon, Dennis Ray, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-09-05  
[86] 1995-03-07 (PCT/US95/02842)  
[87] (WO95/24460)  
[30] US (209,188) 1994-03-11

---

[11] **2,185,134**  
[13] C

[51] **Int.Cl. 6G10L 5/04**  
[25] EN  
[54] **APPARATUS FOR SYNTHESIZING SPEECH BY VARYING PITCH**  
[54] **SYNTHESE DE LA PAROLE**  
[72] Lowry, Andrew, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1996-09-09  
[86] 1995-03-17 (PCT/GB95/00588)  
[87] (WO95/26024)  
[30] EP (94301953.9) 1994-03-18

---

[11] **2,185,741**  
[13] C

[51] **Int.Cl. 6A63B 23/035 6A63B 23/02**  
[25] EN  
[54] **EXERCISE DEVICE**  
[54] **DISPOSITIF D'EXERCICE**  
[72] Newman, Geraldine, US  
[72] McWilliams, Catherine, US  
[73] Newman, Geraldine, US  
[73] McWilliams, Catherine, US  
[22] 1996-09-17  
[30] US (08/574,814) 1995-12-19

---

Canadian Patents Issued  
April 24, 2001

---

[11] **2,186,027**  
[13] C  
[51] **Int.Cl. 6H04N 5/917 6H04N 7/50**  
[25] EN  
[54] **VIDEO SIGNAL CODING**  
[54] **CODAGE DE SIGNAUX VIDEO**  
[72] Searby, Stephen, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1996-09-19  
[86] 1995-03-23 (PCT/GB95/00657)  
[87] (WO95/26108)  
[30] EP (94302102.2) 1994-03-23

---

[11] **2,186,313**  
[13] C  
[51] **Int.Cl. 6G01F 1/708 6G01P 5/10**  
**6G01P 5/18**  
[25] EN  
[54] **MICROWAVE THERMAL TRACE**  
**FLOWMETER**  
[54] **DEBITMETRE A DETECTION**  
**D'UNE TRACE THERMIQUE**  
**ENGENDREE PAR MICRO-ONDES**  
[72] Lovejoy, Kim A., US  
[73] Lovejoy Controls Corporation, US  
[22] 1996-09-24  
[30] US (08/540,182) 1995-10-06

---

[11] **2,186,647**  
[13] C  
[51] **Int.Cl. 6C23F 11/18 6C23F 11/173**  
[25] EN  
[54] **INHIBITING CORROSION AND**  
**CRACK GROWTH OF METALS**  
**EXPOSED TO SALT WATER USING**  
**CEROUS MOLYBDATE**  
[54] **INHIBITION DE LA CORROSION**  
**ET DE LA FISSURATION DES METAUX**  
**EXPOSES A L'EAU SALEE GRACE AU**  
**MOLYBDATE CEREUX**  
[72] Sharaby, Ahmed, US  
[72] Miller, Robert N., US  
[73] Lockheed Corporation, US  
[73] PRC-DESOTO INTERNATIONAL,  
INC., US  
[22] 1990-10-22  
[30] US (424,938) 1989-10-23  
[30] US (575,330) 1990-08-30

---

[11] **2,186,812**  
[13] C  
[51] **Int.Cl. 6B65D 90/54 6C02F 1/00**  
**6B65D 90/04**  
[25] EN  
[54] **TANK ASSEMBLY AND METHOD**  
**FOR WATER TREATMENT**  
[54] **RESERVOIR ET METHODE DE**  
**TRAITEMENT DE L'EAU**  
[72] Channell, Alan B., US  
[72] Shears, Terry S., US  
[73] Chemical Engineering Corporation, US  
[22] 1996-09-30  
[30] US (08/561,298) 1995-11-21

---

[11] **2,188,200**  
[13] C  
[51] **Int.Cl. 6G03G 21/00**  
[25] EN  
[54] **COPYING MACHINE HAVING AN**  
**ACTIVE STAPLE REMOVING**  
**APPARATUS**  
[54] **MACHINE REPROGRAPHIQUE A**  
**DISPOSITIF POUR ENLEVER LES**  
**BROCHES**  
[72] Parks, Bruce J., US  
[73] XEROX CORPORATION, US  
[22] 1996-10-18  
[30] US (08/584,588) 1996-01-11

---

[11] **2,188,330**  
[13] C  
[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/36**  
[25] EN  
[54] **A METHOD FOR SELECTING A**  
**WIRELESS COMMUNICATIONS**  
**SERVICE PROVIDER IN A MULTI-**  
**SERVICE PROVIDER ENVIRONMENT**  
[54] **METHODE POUR SELECTIONNER**  
**UN SERVICE DE COMMUNICATION**  
**SANS FIL DANS UN ENVIRONNEMENT**  
**DE FOURNISSEURS MULTISERVICE**  
[72] Bamburak, Michael D., US  
[72] Raffel, Michael Allen, US  
[72] Daly, John J., US  
[72] Lawrence, Christopher Gregory, US  
[72] Prise, Michael Edward, US  
[73] AT&T WIRELESS SERVICES INC.,  
US  
[22] 1996-10-21  
[30] US (570,905) 1995-12-12

---

[11] **2,188,633**  
[13] C  
[51] **Int.Cl. 6A23D 9/00 6A23L 1/22**  
[25] EN  
[54] **POURABLE FAT-COMPOSITIONS**  
[54] **COMPOSITIONS FLUIDES A BASE**  
**DE CORPS GRAS**  
[72] Oosten, Cornelis Willem van, NL  
[72] Cornelissen, Johannes Mattheus, CH  
[73] UNILEVER PLC, GB  
[22] 1996-10-23  
[30] EP (95202895.9) 1995-10-25

---

[11] **2,188,703**  
[13] C  
[51] **Int.Cl. 6A61K 31/18**  
[25] EN  
[54] **THERAPEUTIC INJECTABLE**  
**ANALGESIC PHARMACEUTICAL**  
**COMPOSITION CONTAINING**  
**NIMESULIDE 4-NITRO-2-**  
**PHENOXYPHENYL METHANE**  
**SULPHONAMIDE FOR**  
**INTRAMUSCULAR ADMINISTRATION**  
[54] **COMPOSITION**  
**PHARMACEUTIQUE ANALGESIQUE**  
**INJECTABLE, A BASE DE**  
**NIMESULIDE, SOIT LE 4-NITRO-2-**  
**PHENOXYPHENYLMETHANESULFON**  
**AMIDE, POUR ADMINISTRATION**  
**INTRAMUSCULAIRE**  
[72] Singh, Amarjit, IN  
[72] Jain, Rajesh, IN  
[73] PANACEA BIOTEC LIMITED, IN  
[22] 1996-10-24

---

[11] **2,189,092**  
[13] C  
[51] **Int.Cl. 6B25H 3/02**  
[25] EN  
[54] **TOOL CASE WITH BOTTOM**  
**COMPARTMENT**  
[54] **BOITE A OUTILS AVEC**  
**COMPARTIMENT DE RANGEMENT**  
**INFERIEUR**  
[72] VASUDEVA, KAILASH C., CA  
[73] MAXTECH MANUFACTURING INC.,  
CA  
[22] 1996-10-29  
[30] US (08/586,286) 1996-01-16

**Brevets canadiens délivrés  
24 avril 2001**

[11] **2,190,018**  
[13] C

[51] **Int.Cl. 6F25D 29/00 6F25B 5/04 6F25D 17/06**  
[25] EN  
[54] **REFRIGERATOR HAVING HIGH EFFICIENCY MULTI-EVAPORATOR CYCLE (H.M. CYCLE) AND CONTROL METHOD THEREOF**  
[54] **REFRIGERATEUR A CYCLE MULTI-EVAPORATEUR DE HAUTE PERFORMANCE (CYCLE M.H.) ET METHODE DE CONTROLE**  
[72] Yoo, Han Joo, KR  
[72] Lee, Jae Seung, KR  
[72] Suh, Kook Jung, KR  
[72] Lee, Hai Min, KR  
[72] Lim, Jae Hoon, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1996-11-08  
[86] 1995-11-11 (PCT/KR95/00147)  
[87] (WO96/15413)  
[30] KR (1994/29478) 1994-11-11  
[30] KR (1994/30782) 1994-11-22  
[30] KR (1995/12395) 1995-05-18  
[30] KR (1994/30323) 1994-11-17  
[30] KR (1994/30802) 1994-11-22  
[30] KR (1994/30322) 1994-11-17

[11] **2,190,350**  
[13] C

[51] **Int.Cl. 6C11D 3/37 6C11D 1/825**  
[25] EN  
[54] **LAUNDRY PRE-SPOTTER WITH ASSOCIATIVE POLYMERIC THICKENER**  
[54] **COMPOSITIONS PRE-DETACHANTES POUR LESSIVES AVEC EPAISSISSANT POLYMERE ASSOCIE**  
[72] Sramek, John A., US  
[73] S. C. JOHNSON & SON, INC., US  
[85] 1996-11-14  
[86] 1995-05-08 (PCT/US95/05810)  
[87] (WO95/31523)  
[30] US (08/245,335) 1994-05-17  
[30] US (08/294,166) 1994-08-22

[11] **2,191,578**  
[13] C

[51] **Int.Cl. 6B32B 27/32**  
[25] EN  
[54] **POLYTETRAFLUOROETHYLENE LAMINATE AND METHOD OF PRODUCING SAME**  
[54] **LAMINE DE POLYTETRAFLUOROETHYLENE ET PROCEDE DE PRODUCTION**  
[72] Tippet, Stephen W., US  
[72] Ribbans, Robert C., US  
[73] TEXTILES COATED INCORPORATED, US  
[85] 1996-11-28  
[86] 1994-08-08 (PCT/US94/08695)  
[87] (WO96/04133)  
[30] US (08/283,095) 1994-08-03

[11] **2,192,707**  
[13] C

[51] **Int.Cl. 6C04B 35/532 6C25C 7/02**  
[25] FR  
[54] **BLOC CARBONE A HAUTE RESISTANCE AU CHOC THERMIQUE**  
[54] **CARBONACEOUS BLOCK WITH HIGH THERMAL SHOCK RESISTANCE**  
[72] Dreyer, Christian, FR  
[72] Samanos, Bernard, FR  
[73] ALUMINIUM PECHINEY, FR  
[22] 1996-12-11

[11] **2,193,468**  
[13] C

[51] **Int.Cl. 6C07D 211/56 6C07D 405/12 6C07D 409/12 6C07D 417/12 6A61K 31/445**  
[25] EN  
[54] **3-→(5-SUBSTITUTED BENZYL)AMINO]-2-PHENYLPYPERIDINES AS SUBSTANCE P ANTAGONISTS**  
[54] **3-→(BENZYLE SUBSTITUE EN 5)AMINO]-2-PHENYLPYPERIDINES**  
[72] Wakabayashi, Hiroaki, JP  
[72] Shishido, Yuji, JP  
[73] PFIZER INC., US  
[22] 1996-12-19  
[30] WO (PCT/IB95/01148) 1995-12-21

[11] **2,194,613**  
[13] C

[51] **Int.Cl. 6A21C 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR JOINING AND SUPPLYING SEPARATED DOUGH BLOCKS**  
[54] **APPAREIL SERVANT A LA PREPARATION ET AU MELANGE DE BLOCS DE PATE ET METHODE CONNEXE**  
[72] Morikawa, Michio, JP  
[73] Rheon Automatic Machinery Co., Ltd., JP  
[22] 1997-01-08  
[30] JP (8-19440) 1996-01-09

[11] **2,194,866**  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT WITH HALF SECTION OF GELLING MATERIAL**  
[54] **STRUCTURE ABSORBANTE COMPORTANT UNE DEMI-SECTION DE MATERIAU GELIFIANT**  
[72] Coles, Peter, DE  
[72] Schone, Rainer Walter Max, DE  
[72] Divo, Michael, DE  
[72] Costea, Helene Karin, DE  
[72] Bewick-Sonntag, Christopher, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-01-10  
[86] 1995-06-30 (PCT/US95/08442)  
[87] (WO96/01608)  
[30] EP (94110800.3) 1994-07-12



Canadian Patents Issued  
April 24, 2001

[11] 2,195,023  
[13] C

[51] Int.Cl. 6C08L 1/12 6C08L 1/02  
[25] EN  
[54] SHAPED BODY MADE OF COMPOSITE MATERIAL BASED ON CELLULOSE ACETATE AND REINFORCING NATURAL CELLULOSE FIBRES, A PROCESS FOR ITS PRODUCTION, AND ITS USE  
[54] CORPS MOULE CONSTITUE D'UN MATERIAU COMPOSITE A BASE D'ACETATE DE CELLULOSE ET DE FIBRES CELLULOSIQUES NATURELLES D'ARMATURE, SON PROCEDE DE FABRICATION ET SON UTILISATION  
[72] Karstens, Ties, DE  
[72] Schätzle, Joachim, DE  
[72] Kohler, Robert, DE  
[72] Wedler, Michael, DE  
[72] Tubach, Martin, DE  
[73] RHONE-POULENC RHODIA AKTIENGESELLSCHAFT, DE  
[85] 1997-01-13  
[86] 1996-05-14 (PCT/EP96/02074)  
[87] (WO96/36666)  
[30] DE (195 17 763.0) 1995-05-15

[11] 2,195,494  
[13] C

[51] Int.Cl. 6H04Q 7/38  
[25] EN  
[54] ROAMING AUTHORIZATION SYSTEM  
[54] DISPOSITIF D'AUTORISATION D'ITINERANCE  
[72] Amin, Umesh J., US  
[72] Redden, Michael, US  
[73] AT&T WIRELESS SERVICES INC., US  
[22] 1997-01-20  
[30] US (597,066) 1996-02-05

[11] 2,196,094  
[13] C

[51] Int.Cl. 6A62B 7/02  
[25] EN  
[54] CHECKING THE OPERATION OF BREATHING EQUIPMENT  
[54] VERIFICATION DU FONCTIONNEMENT D'UN APPAREIL D'ASSISTANCE RESPIRATOIRE  
[72] Lundberg, Mats, SE  
[73] Comasec International S.A., FR  
[85] 1997-01-27  
[86] 1995-06-26 (PCT/SE95/00784)  
[87] (WO96/03174)  
[30] SE (9402594-7) 1994-07-28

[11] 2,196,693  
[13] C

[51] Int.Cl. 6B32B 27/36 6B32B 27/18 6B32B 27/32  
[25] EN  
[54] POLYESTER LAMINATE CONTAINING BIAXIALY ORIENTED POLYPROPYLENE FILM AND METHOD OF MAKING THE SAME  
[54] FILM DE POLYPROPYLENE ORIENTE BIAxiaLEMENT CONTENANT UN STRATIFIE POLYESTER ET PROCEDE DE FABRICATION  
[72] Davis, Alan M., US  
[72] Lawrence, John, US  
[72] Mehta, Deepak, US  
[72] Weng, Tung-Yao, US  
[73] QPF, L.L.C., US  
[85] 1997-02-03  
[86] 1996-06-07 (PCT/US96/09420)  
[87] (WO96/40485)  
[30] US (08/483,687) 1995-06-07

[11] 2,197,499  
[13] C

[51] Int.Cl. 6B29C 44/20  
[25] EN  
[54] PROCEDURE FOR THE MANUFACTURE OF A FOAMED PLASTIC PRODUCT  
[54] PROCEDE DE FABRICATION D'UN PRODUIT DE PLASTIQUE ALVEOLAIRE  
[72] RAUKOLA, Jaakko, FI  
[72] KIRJAVAINEN, Kari, FI  
[72] MINKKINEN, Hannu, FI  
[73] VALTION TEKNILLINEN TUTKIMUSKESKUS, FI  
[85] 1997-02-12  
[86] 1995-08-16 (PCT/FI95/00433)  
[87] (WO96/06718)  
[30] FI (943957) 1994-08-29

[11] 2,198,156  
[13] C

[51] Int.Cl. 6E21B 43/267  
[25] EN  
[54] NITROGEN/CARBON DIOXIDE COMBINATION FRACTURE TREATMENT  
[54] COMBINAISON DE DIOXYDE DE CARBONE/AZOTE POUR LA FRACTURATION DE FORMATIONS GEOLOGIQUES  
[72] Tudor, Robin, CA  
[73] Canadian Fracmaster Ltd., CA  
[22] 1994-11-14  
[62] 2,135,719  
[30] CA (2,135,719) 1994-11-14

[11] 2,198,693  
[13] C

[51] Int.Cl. 6B60R 25/10  
[25] EN  
[54] INTRUSION DETECTING APPARATUS FOR A VEHICLE  
[54] DISPOSITIF DE DETECTION D'INTRUSION POUR VEHICULE  
[72] KANI, Hiroyuki, JP  
[72] GOTO, Masahiro, JP  
[72] HAYASHI, Ikuo, JP  
[72] TSUZUKI, Takeo, JP  
[73] DENSO CORPORATION, JP  
[73] NIPPON SOKEN, INC., JP  
[22] 1997-02-27  
[30] JP (8-43494) 1996-02-29  
[30] JP (8-86884) 1996-04-09

[11] 2,199,031  
[13] C

[51] Int.Cl. 6B29C 49/06 6B29D 31/00 6F16C 3/02  
[25] EN  
[54] A METHOD FOR PREPARING A SHAFT-UNIFIED RESIN ROTATOR HAVING A HOLLOW PART IN THE INSIDE  
[54] PROCEDE POUR PREPARER UN CORPS ROTATIF MONOBLOC EN RESINE AYANT UNE PARTIE CREUSE A L'INTERIEUR  
[72] FURUYA, Norihiko, JP  
[72] KUBO, Kimihiro, JP  
[72] KONDO, Masaaki, JP  
[73] ASAHI KASEI KABUSHIKI KAISHA, JP  
[85] 1997-03-03  
[86] 1995-10-17 (PCT/JP95/02122)  
[87] (WO96/12613)  
[30] JP (6-258369) 1994-10-24

[11] 2,199,167  
[13] C

[51] Int.Cl. 6A61F 5/453  
[25] EN  
[54] DEVICE FOR DISCREET SPERM COLLECTION  
[54] DISPOSITIF POUR RECUEILLIR DISCRETEMENT DU SPERME  
[72] SHUBIN, Steven A., US  
[73] SHUBIN, Steven A., US  
[22] 1997-03-04  
[30] US (08/722,475) 1996-09-27

**Brevets canadiens délivrés  
24 avril 2001**

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[11] **2,199,396**  
[13] C

[51] **Int.Cl. 6B22F 1/02 6C22C 29/08 6F42B 5/28**  
[25] EN  
[54] **NON-LEAD, ENVIRONMENTALLY SAFE PROJECTILES AND EXPLOSIVES CONTAINERS**  
[54] **ENVELOPPE POUR PROJECTILES ET EXPLOSIFS SANS PLOMB PROTEGEANT L'ENVIRONNEMENT**  
[72] DOOLEY, Joseph B., US  
[72] SMITH, Cyrus M., US  
[72] LOWDEN, Richard A., US  
[72] MCCOIG, Thomas M., US  
[73] LOCKHEED MARTIN ENERGY SYSTEMS, INC., US  
[85] 1997-03-06  
[86] 1996-06-05 (PCT/US96/08932)  
[87] (WO96/41112)  
[30] US (476,978) 1995-06-07

---

[11] **2,200,285**  
[13] C

[51] **Int.Cl. 6B65G 47/74**  
[25] EN  
[54] **INTERNAL HOLDDOWN FOR SINGLE ROD STOKER**  
[54] **DISPOSITIF INTERNE DE RETENUE POUR CHARGEUR A UNE SEULE TIGE**  
[72] MARCHAND, Pierre, CA  
[72] GREENALL, Alan V., US  
[72] AUDY, Patrick, CA  
[72] POLLAK, Robert E., Jr., CA  
[72] MANN, John, CA  
[73] KONE WOOD, INC., US  
[22] 1997-03-18  
[30] US (08/711,391) 1996-09-03

---

[11] **2,200,366**  
[13] C

[51] **Int.Cl. 6B60G 7/04**  
[25] EN  
[54] **BUMP STOP SEAT STRUCTURE**  
[54] **STRUCTURE D'ASSISE DE BUTEE**  
[72] ISHII, Yoshitake, JP  
[73] SUZUKI MOTOR CORPORATION, JP  
[22] 1997-03-19  
[30] JP (254094/1996) 1996-09-26

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[11] **2,200,961**  
[13] C

[51] **Int.Cl. 6C21B 13/14 6C21B 13/00 6C21C 5/56**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR THE MANUFACTURE OF STEEL FROM IRON CARBIDE**  
[54] **PROCEDE ET APPAREIL POUR FABRIQUER DE L'ACIER A PARTIR DE CARBURE DE FER**  
[72] SINHA, Asish K., US  
[72] GEIGER, Gordon H., US  
[72] VASSILICOS, Achilles, US  
[72] DU, Zhiyou, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[73] USX CORPORATION, US  
[85] 1997-03-25  
[86] 1995-12-05 (PCT/US95/15733)  
[87] (WO96/19591)  
[30] US (08/359,601) 1994-12-20  
[30] US (08/526,448) 1995-09-11

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[11] **2,201,165**  
[13] C

[51] **Int.Cl. 6A01N 25/22**  
[25] EN  
[54] **USE OF HUMATES AND MODIFIED HUMATES AND ADJUVANTS IN PESTICIDES**  
[54] **UTILISATION D'HUMATES ET D'HUMATES MODIFIES COMME ADJUVANTS DANS LES PESTICIDES**  
[72] Dickman, Stephen L., US  
[72] Lebo, Stuart E., Jr., US  
[72] Wirtz, Kevin R., US  
[73] LignoTech USA, Inc., US  
[22] 1997-03-26  
[30] US (08/622,995) 1996-03-28

---

[11] **2,201,238**  
[13] C

[51] **Int.Cl. 6G01C 19/00 6G01C 19/56**  
[25] EN  
[54] **VIBRATION GYRO**  
[54] **GYROSCOPE A VIBRATIONS**  
[72] KUMADA, Akira, JP  
[72] KAWAI, Yoshio, JP  
[72] INOUE, Jiro, JP  
[73] MURATA MANUFACTURING CO., LTD., JP  
[22] 1997-03-27  
[30] JP (8-72220) 1996-03-27

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[11] **2,202,521**  
[13] C

[51] **Int.Cl. 6B25D 9/14**  
[25] EN  
[54] **VALVE ARRANGEMENT IN A HYDRAULIC PERCUSSIVE ROCK DRILL**  
[54] **AGENCEMENT DE SOUPAPE POUR MARTEAUX-FOREURS HYDRAULIQUES POUR ROCHES**  
[72] BRIGGS, Roger Robarts, ZA  
[72] LEPPANEN, Jarmo Uolevi, ZA  
[73] BRIGGS, Roger Robarts, ZA  
[73] LEPPANEN, Jarmo Uolevi, ZA  
[85] 1997-04-11  
[86] 1995-10-17 (PCT/GB95/02453)  
[87] (WO96/11775)  
[30] ZA (94/8118) 1994-10-17

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[11] **2,203,720**  
[13] C

[51] **Int.Cl. 6B28B 23/02 6B28B 11/08 6B28B 1/14**  
[25] EN  
[54] **DECORATIVE THREE DIMENSIONAL PANELS AND METHOD OF PRODUCING THE SAME**  
[54] **PANNEAUX DECORATIFS TRIDIMENSIONNELS ET METHODE DE FABRICATION**  
[72] RYGIEL, Antoni, CA  
[73] RYGIEL, Antoni, CA  
[22] 1997-04-25

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[11] **2,204,106**  
[13] C

[51] **Int.Cl. 7F21S 10/04 6F21V 33/00**  
[25] EN  
[54] **FLAME SIMULATING ASSEMBLY AND COMPONENTS THEREFOR**  
[54] **SIMULATEUR DE FLAMMES ET ELEMENTS CONSTITUTIFS**  
[72] SPENCER, SEAN DAVID, CA  
[72] GALLO, IGNAZIO, CA  
[72] MACPHERSON, DAVID MILLER, CA  
[72] HESS, KRISTOFFER, CA  
[73] DIMPLEX NORTH AMERICA LIMITED, CA  
[22] 1997-04-30  
[30] CA (2,175,442) 1996-04-30  
[30] US (08/801,469) 1997-02-18

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Canadian Patents Issued  
April 24, 2001

[11] 2,204,479  
[13] C

[51] Int.Cl. 6B62D 1/04  
[25] EN  
[54] STEERING WHEEL  
[54] VOLANT DE DIRECTION  
[72] KOMIYA, Fuminori, JP  
[72] HATTORI, Sakashi, JP  
[72] SUZUKI, Keizo, JP  
[73] Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho, JP  
[22] 1997-05-05  
[30] JP (8-115111) 1996-05-09

[11] 2,204,715  
[13] C

[51] Int.Cl. 6A47H 3/02 6A47H 11/00  
6H01R 13/58  
[25] EN  
[54] CONNECTOR-EQUIPPED CORD  
[54] CORDON AVEC CONNECTEUR  
ATTACHE  
[72] YOKOTA, Masato, JP  
[73] YKK Corporation, JP  
[22] 1997-05-07  
[30] JP (8-131687) 1996-05-27

[11] 2,205,711  
[13] C

[51] Int.Cl. 6D21G 9/00  
[25] EN  
[54] ROPE FOR THE TAKING ALONG  
AND TRANSFERRING OF PAPER  
WEBS IN THE MANUFACTURE OF  
PAPER AND CARDBOARD ON PAPER  
MACHINES  
[54] CORDE POUR LA PRISE ET LE  
TRANSFERT DE BANDE DE PAPIER  
DANS LA FABRICATION DU PAPIER  
ET DU CARTON SUR DES MACHINES A  
PAPIER  
[72] WEINROTTER, Klaus, AT  
[72] SCHMIDINGER, Martin, AT  
[72] KAST, Martin, AT  
[72] SONNLEITNER, Georg, AT  
[72] FEICHTINGER, Alois, AT  
[73] Teufelberger Gesellschaft m.b.H.,  
[22] 1997-05-20  
[30] DE (296 08 971.0) 1996-05-20

[11] 2,205,763  
[13] C

[51] Int.Cl. 6H05K 3/32  
[25] EN  
[54] ULTRASONIC VIBRATION  
BONDING CHIP MOUNTER  
[54] SYSTEME POUR MONTER UNE  
PUCE A L'AIDE DE VIBRATION  
ULTRASONIQUE  
[72] NAKAI, Seiya, JP  
[72] KATSUMI, Mitsugu, JP  
[72] SATO, Shigeru, JP  
[73] Ultex Corporation, JP  
[22] 1997-05-21  
[30] JP (8-176676) 1996-07-05

[11] 2,205,778  
[13] C

[51] Int.Cl. 6F23D 1/00  
[25] EN  
[54] PULVERIZED COAL BURNER  
[54] BRULEUR A CHARBON  
PULVERISE  
[72] KOBAYASHI, Hironobu, JP  
[72] TANIGUCHI, Masayuki, JP  
[72] OKAZAKI, Hirofumi, JP  
[72] KIYAMA, Kenji, JP  
[73] BABCOCK-HITACHI KABUSHIKI  
KAISHA, JP  
[22] 1997-05-22  
[30] JP (8-129451) 1996-05-24

[11] \* 2,205,797  
[13] C

[51] Int.Cl. 6G06F 9/45  
[25] EN  
[54] A SYSTEM FOR LOCAL CONTEXT  
SPILLING FOR GRAPH COLOURING  
REGISTER ALLOCATORS  
[54] SYSTEME DE DEBORDEMENT DE  
CONTEXTE LOCAL POUR LES  
PROGRAMMES D'AFFECTATION DE  
REGISTRES DE COLORATION DE  
GRAPHES  
[72] MACLEOD, ANDREW WILFRED, CA  
[73] IBM CANADA LTD. - IBM CANADA  
LIMITÉE, CA  
[22] 1997-05-22

[11] 2,205,861  
[13] C

[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] ABSORBENT ARTICLE HAVING A  
POCKET CUFF WITH A RELEASABLE  
SEAM  
[54] ARTICLE ABSORBANT MUNI  
D'UNE POCLETTE A JOINTURE  
AMOVIBLE  
[72] DREIER, Kimberly Ann, US  
[72] ROE, Donald Carroll, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-05-22  
[86] 1995-11-30 (PCT/US95/15539)  
[87] (WO96/17570)  
[30] US (08/350,284) 1994-12-06

[11] 2,205,862  
[13] C

[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] ABSORBENT ARTICLE HAVING A  
RELEASABLE POCKET CUFF  
[54] ARTICLE ABSORBANT MUNI  
D'UNE POCLETTE AMOVIBLE  
[72] ROE, Donald Carroll, US  
[72] DREIER, Kimberly Ann, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-05-22  
[86] 1995-12-06 (PCT/US95/15788)  
[87] (WO96/17572)  
[30] US (08/353,578) 1994-12-09

[11] 2,205,922  
[13] C

[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] ABSORBENT ARTICLE HAVING A  
SELECTIVELY WEAKENED POCKET  
CUFF  
[54] ARTICLE ABSORBANT A  
POCLETTE A ZONE AFFAIBLIE  
SELECTIVEMENT  
[72] DREIER, Kimberly Ann, US  
[72] ROE, Donald Carroll, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-05-22  
[86] 1995-11-30 (PCT/US95/15545)  
[87] (WO96/17571)  
[30] US (08/349,776) 1994-12-06

**Brevets canadiens délivrés  
24 avril 2001**

[11] **2,205,924**  
[13] C

[51] **Int.Cl. 6A61F 13/15 6A61F 13/58**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH FIT ENHANCEMENT SYSTEM**  
[54] **ARTICLE ABSORBANT DOTE D'UN SYSTEME CONFERANT A CET ARTICLE UN PORT MIEUX AJUSTE**  
[72] STELLJES, Denise Marie, US  
[72] CUMMINS, Merlene Adams, US  
[72] BUELL, Kenneth Barclay, US  
[72] CLEAR, Sandra Hintz, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-05-22  
[86] 1995-12-06 (PCT/US95/15784)  
[87] (WO96/18367)  
[30] US (08/357,484) 1994-12-16

[11] **2,206,042**  
[13] C

[51] **Int.Cl. 6A61F 13/62**  
[25] EN  
[54] **DISPOSABLE ABSORBENT ARTICLE HAVING A MECHANICAL FASTENER**  
[54] **ARTICLE ABSORBANT JETABLE COMPRENANT UN ELEMENT DE FIXATION MECANIQUE**  
[72] SCHMITZ, Christoph Johann, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-05-26  
[86] 1995-12-13 (PCT/US95/16669)  
[87] (WO96/20676)  
[30] EP (94120878.7) 1994-12-29

[11] **2,206,045**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING AN UNDERGARMENT HAVING OVERLAPPING OR BUTT-TYPE SIDE SEAMS**  
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN SOUS-VETEMENT POURVU DE COUTURES LATERALES ASSEMBLEES BOUT A BOUT OU PAR RECOUVREMENT**  
[72] SCHMITZ, Christoph Johann, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-05-26  
[86] 1995-12-08 (PCT/US95/16152)  
[87] (WO96/20076)  
[30] EP (94120638.5) 1994-12-24

[11] **2,206,641**  
[13] C

[51] **Int.Cl. 6B32B 27/10 6B65D 25/14**  
[25] EN  
[54] **MOISTURE RESISTANT FROZEN FOOD PACKAGING USING AN OVER-PRINT VARNISH**  
[54] **EMBALLAGE RESISTANT A L'HUMIDITE POUR LES ALIMENTS CONGELES UTILISANT UN VERNIS EN SURIMPRESSION**  
[72] CLAYTOR, Robinson Camden Perkins, US  
[73] WESTVACO CORPORATION, US  
[22] 1997-05-30  
[30] US (08/660,671) 1996-06-05

[11] **2,207,235**  
[13] C

[51] **Int.Cl. 6C23C 16/26**  
[25] EN  
[54] **LARGE-SCALE, LOW PRESSURE PLASMA-ION DEPOSITION OF DIAMONDLIKE CARBON FILMS**  
[54] **PROCEDE DE DEPOT DE COUCHES DE CARBONE DE TYPE DIAMANT**  
[72] WEI, Ronghua R., US  
[72] MATOSSIAN, Jesse N., US  
[73] HUGHES ELECTRONICS CORPORATION, US  
[85] 1997-06-06  
[86] 1996-10-09 (PCT/US96/16146)  
[87] (WO97/13886)  
[30] US (542,468) 1995-10-12

[11] **2,208,232**  
[13] C

[51] **Int.Cl. 6C08L 23/06**  
[25] EN  
[54] **HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE WITH IMPROVED TEAR RESISTANCE**  
[54] **POLYETHYLENE DE POIDS MOLEULAIRE ET DE DENSITE ELEVES POSSEDANT UNE RESISTANCE AMELIOREE A LA DECHIRURE**  
[72] BEST, Steven Arthur, US  
[72] DANILUK, Thomas Samyon, US  
[73] EXXON CHEMICAL PATENTS INC., US  
[85] 1997-06-10  
[86] 1995-12-12 (PCT/US95/15960)  
[87] (WO96/18678)  
[30] US (08/354,393) 1994-12-12

[11] **2,208,278**  
[13] C

[51] **Int.Cl. 6G09F 3/10**  
[25] EN  
[54] **COMPOSITE LABEL WEB**  
[54] **BANDE CONTINUE D'ETIQUETTES FAITE D'UN MATERIAU COMPOSITE**  
[72] KLEIN, Rudolph J., US  
[72] KARN, Donald L., US  
[72] LOEMKER, Thomas R., US  
[72] HAMISCH, Paul H., Jr., US  
[73] MONARCH MARKING SYSTEMS, INC., US  
[22] 1997-06-09  
[30] US (08/681,569) 1996-07-29

[11] **2,208,424**  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH BOLSTERING WAIST FEATURE**  
[54] **ARTICLE ABSORBANT PRESENTANT UNE CARACTERISTIQUE DE REMBOURRAGE A LA CEINTURE**  
[72] SEITZ, Bret Darren, US  
[72] LAVON, Gary Dean, US  
[72] YOUNG, Gerald Alfred, US  
[72] HASSE, Margaret Henderson, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-06-20  
[86] 1996-01-11 (PCT/US96/00085)  
[87] (WO96/21408)  
[30] US (08/370,906) 1995-01-10

[11] **2,209,133**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **ABSORBENT ARTICLES FOR FLUID MANAGEMENT**  
[54] **ARTICLES ABSORBANTS POUR LA GESTION DE LIQUIDES**  
[72] LAVON, Gary Dean, US  
[72] YOUNG, Gerald Alfred, US  
[72] HASSE, Margaret Henderson, US  
[72] SEITZ, Bret Darren, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-06-27  
[86] 1996-01-11 (PCT/US96/00387)  
[87] (WO96/21409)  
[30] US (08/370,900) 1995-01-10  
[30] US (08/521,556) 1995-08-30

Canadian Patents Issued  
April 24, 2001

[11] 2,209,401  
[13] C

[51] Int.Cl. 6B60T 17/04 6B60T 15/36  
6B60T 15/54  
[25] EN  
[54] PNEUMATICALLY DRIVEN  
TRAIN BRAKE PIPE PRESSURE  
EXHAUST VALVE  
[54] VALVE A COMMANDE  
PNEUMATIQUE D'ECHAPPEMENT DE  
LA PRESSION DE LA CONDUITE  
GENERALE D'UN TRAIN  
[72] HART, James E., US  
[72] BEZOS, Angel P., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1997-07-02  
[30] US (815,422) 1997-03-11

[11] 2,209,536  
[13] C

[51] Int.Cl. 6B66D 1/36  
[25] EN  
[54] BELT HOIST  
[54] APPAREIL DE LEVAGE A SANGLE  
[72] FUJIKAWA, Masaru, JP  
[72] SAAI, Koji, JP  
[72] FUJIWARA, Hidenori, JP  
[73] ELEPHANT CHAIN BLOCK CO.,  
LTD., JP  
[22] 1997-07-03  
[30] JP (8-202497) 1996-07-31  
[30] JP (8-202498) 1996-07-31

[11] 2,209,628  
[13] C

[51] Int.Cl. 6B66D 1/28  
[25] EN  
[54] BELT HOIST  
[54] APPAREIL DE LEVAGE A SANGLE  
[72] FUJIKAWA, Masaru, JP  
[72] SAAI, Koji, JP  
[73] ELEPHANT CHAIN BLOCK CO.,  
LTD., JP  
[22] 1997-07-03  
[30] JP (8-202499) 1996-07-31

[11] 2,210,134  
[13] C

[51] Int.Cl. 6A61F 13/46  
[25] EN  
[54] COMPOUND SANITARY NAPKIN  
[54] SERVIETTE HYGIENIQUE  
COMPOSEE  
[72] OETJEN, David Christopher, US  
[72] McFALL, Ronald Ray, US  
[72] COE, Richard George, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-07-11  
[86] 1996-02-06 (PCT/US96/01647)  
[87] (WO96/25903)  
[30] US (08/394,102) 1995-02-24

[11] 2,210,143  
[13] C

[51] Int.Cl. 6A61F 13/62 6A44B 18/00  
[25] EN  
[54] FEMALE COMPONENT FOR  
REFASTENABLE FASTENING DEVICE  
[54] ELEMENT FEMELLE POUR  
DISPOSITIF D'ATTACHE  
REFERMABLE  
[72] ROE, Donald Carroll, US  
[72] BERGMAN, Carl Louis, US  
[72] DREIER, Kimberly Ann, US  
[72] ROBLES, Miguel Alvaro, US  
[72] HASSE, Margaret Henderson, US  
[72] KLINE, Mark James, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-07-10  
[86] 1996-01-05 (PCT/US96/00215)  
[87] (WO96/22065)  
[30] US (08/374,269) 1995-01-18

[11] 2,210,188  
[13] C

[51] Int.Cl. 6E04G 11/04  
[25] EN  
[54] CONCRETE FORM  
[54] COFFRAGE A BETON  
[72] BOROVIAK, RICHARD, CA  
[73] PREMIER CUSTOM DESIGN INC.,  
CA  
[22] 1997-07-10

[11] 2,210,352  
[13] C

[51] Int.Cl. 6B01J 20/10 6F17C 11/00  
[25] EN  
[54] CALCIUM SILICATE MASS FOR  
STORING ACETYLENE GAS  
[54] MASSE EN SILICATE DE  
CALCIUM DESTINEE A ETRE  
UTILISEE POUR LE STOCKAGE DU  
GAZ ACETYLENE  
[72] SHAKLEY, Gregory T., US  
[72] KOT, Richard A., US  
[72] SARKAR, Asok K., US  
[72] RABREN, Michael S., US  
[73] WORTHINGTON ACETYLENE  
CYLINDER, INC., US  
[85] 1997-07-14  
[86] 1996-01-30 (PCT/US96/01330)  
[87] (WO96/23583)  
[30] US (08/381,356) 1995-01-31  
[30] US (08/570,092) 1995-12-11

[11] 2,210,404  
[13] C

[51] Int.Cl. 6A61F 13/15 6A61F 15/00  
[25] EN  
[54] PACKAGE CONTAINING  
ABSORBENT ARTICLES  
[54] EMBALLAGE CONTENANT DES  
ARTICLES ABSORBANTS  
[72] DRAGOO, Jerry Layne, US  
[72] LASH, Glen Ray, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-07-14  
[86] 1996-01-22 (PCT/US96/01146)  
[87] (WO96/22756)  
[30] US (08/378,032) 1995-01-24  
[30] US (08/552,006) 1995-12-07

[11] 2,210,568  
[13] C

[51] Int.Cl. 6G03G 21/00  
[25] EN  
[54] METHOD AND APPARATUS FOR  
STRIPPER BAR ROTATION  
[54] METHODE ET DISPOSITIF DE  
ROTATION DE DEFLECTEUR  
[72] POPLAWSKI, Leon G., US  
[72] HOWE, Richard L., US  
[72] ROZANSKY, Joseph, US  
[73] XEROX CORPORATION, US  
[22] 1997-07-16  
[30] US (08/720,523) 1996-09-30

**Brevets canadiens délivrés  
24 avril 2001**

[11] **2,210,603**  
[13] C

[51] **Int.Cl. 6G06F 17/10**  
[25] EN  
[54] **PHASE ANGLE DATA-TRIGONOMETRIC FUNCTION VALUE CONVERTER CIRCUIT AND COMPOSITE DIVERSITY RECEIVER**  
[54] **CIRCUIT CONVERTISSEUR DE VALEURS DE FONCTION TRIGONOMETRIQUE D'ANGLE DE PHASE ET RECEPTEUR FONCTIONNANT EN DIVERSITE COMPOSITE**  
[72] TAKAHASHI, Hideaki, JP  
[73] NEC CORPORATION, JP  
[22] 1997-07-16  
[30] JP (8-186080) 1996-07-16

[11] **2,211,124**  
[13] C

[51] **Int.Cl. 6F23D 14/16**  
[25] EN  
[54] **BURNER, IN PARTICULAR FOR HEATING SYSTEMS**  
[54] **BRULEUR, EN PARTICULIER POUR SYSTEMES DE CHAUFFAGE**  
[72] DOKER, Andreas, DE  
[72] KOLLER, Werner, CH  
[72] TRIMIS, Dimosthenis, DE  
[72] TAUSCHER, Willy, CH  
[72] DURST, Franz, DE  
[72] PICKENÄCKER, Olaf, DE  
[73] PICKENÄCKER, Olaf, DE  
[73] SULZER CHEMTECH AG, CH  
[73] DURST, Franz, DE  
[73] TRIMIS, Dimosthenis, DE  
[22] 1997-07-22

[11] **2,211,789**  
[13] C

[51] **Int.Cl. 6B32B 27/08 6B65D 65/38**  
[25] EN  
[54] **ABUSE RESISTANT FLEXIBLE PACKAGE**  
[54] **ENBALLAGE SOUPLE ULTRA RESISTANT**  
[72] BEER, Jeffrey S., US  
[73] FRES-CO SYSTEM USA, INC., US  
[22] 1997-07-29  
[30] US (08/688,594) 1996-07-30

[11] **2,212,115**  
[13] C

[51] **Int.Cl. 6C11D 3/39**  
[25] EN  
[54] **AUTOMATIC DISHWASHING COMPOSITIONS COMPRISING COBALT CATALYSTS**  
[54] **COMPOSITIONS DE LAVAGE AUTOMATIQUE DE LA VAISSELLE COMPRENANT DES CATALYSEURS A BASE DE COBALT**  
[72] SCHEPER, William Michael, US  
[72] GETTY, Edward Eugene, US  
[72] GOLDSTEIN, Alan Scott, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-07-30  
[86] 1996-01-30 (PCT/US96/01191)  
[87] (WO96/23859)  
[30] US (08/382,742) 1995-02-02

[11] **2,212,352**  
[13] C

[51] **Int.Cl. 6C09D 11/00 6B41J 2/21 6B41J 2/525**  
[25] EN  
[54] **INK-JET RECORDING PROCESS USING LIQUID FORMULATION AND INK IN COMBINATION**  
[54] **PROCEDE D'ENREGISTREMENT PAR JET D'ENCRE A L'AIDE D'UNE COMBINAISON DE FORMULATION LIQUIDE ET D'ENCRE**  
[72] ONO, Eriko, JP  
[72] HATTORI, Yoshifumi, JP  
[72] KURABAYASHI, Yutaka, JP  
[72] YAMAMOTO, Mayumi, JP  
[72] TAKIZAWA, Yoshihisa, JP  
[72] TAKAHASHI, Katsuhiko, JP  
[72] OGASAWARA, Masashi, JP  
[72] SANADA, Mikio, JP  
[72] SATO, Shinichi, JP  
[72] MISHINA, Shinya, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1997-08-01  
[30] JP (8-219122) 1996-08-02

[11] **2,212,581**  
[13] C

[51] **Int.Cl. 6F16D 48/06 6F16D 48/08**  
[25] EN  
[54] **CALIBRATION METHOD FOR TRANSMISSION CONTROL CLUTCHES**  
[54] **METHODE DE CALIBRATION DES COMMANDES D'EMBRAYAGE D'UNE TRANSMISSION**  
[72] EASTMAN, Briton Todd, US  
[72] DETRICK, George William III, US  
[72] GRUVER, Norval Thomas, US  
[72] REEVES, William Edward, US  
[72] VAUGHTERS, Kevin Lee, US  
[73] DEERE & COMPANY, US  
[22] 1997-08-22  
[30] US (08/800,431) 1997-02-18

[11] **2,213,153**  
[13] C

[51] **Int.Cl. 6B41L 27/04**  
[25] EN  
[54] **DEVICE AND METHOD FOR SENSING LOW INK LEVEL IN AN INK CARTRIDGE OF A POSTAGE METER**  
[54] **DISPOSITIF ET METHODE POUR DETECTER QUAND LE NIVEAU DE L'ENCRE EST TROP BAS DANS LA CARTOUCHE D'ENCRE D'UNE MACHINE A AFFRANCHIR**  
[72] MURPHY, Charles F., III, US  
[72] LEFEBVRE, William T., US  
[73] PITNEY BOWES INC., US  
[22] 1997-08-15  
[30] US (08/701,897) 1996-08-23

[11] **2,213,471**  
[13] C

[51] **Int.Cl. 6B23C 5/24**  
[25] EN  
[54] **HIGH-SPEED, CARTRIDGE-TYPE MILLING CUTTER**  
[54] **FRAISE A GRANDE VITESSE DE TYPE CARTOUCHE**  
[72] MALOTT, Kenneth M., US  
[72] MASSA, Ted R., US  
[72] VAN KIRK, John S., US  
[72] SIDDLE, David R., US  
[73] KENNAMETAL INC., US  
[73] KENNAMETAL INC., US  
[85] 1997-08-20  
[86] 1996-03-06 (PCT/US96/03033)  
[87] (WO96/39271)  
[30] US (08/466,812) 1995-06-06

Canadian Patents Issued  
April 24, 2001

[11] **2,214,301**  
[13] C  
[51] Int.Cl. **6F01L 1/04 6F02D 13/02**  
[25] EN  
[54] **VALVE OPERATING SYSTEM IN INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME DE COMMANDE DE SOUPAPE DANS UN MOTEUR A COMBUSTION INTERNE**  
[72] ISHIGURO, Tetsuya, JP  
[72] NEMOTO, Hirotoomi, JP  
[72] SHIIKI, Katsuaki, JP  
[72] GOMI, Takeshi, JP  
[72] KAJIWARA, Shigemasa, JP  
[72] TANAKA, Shigekazu, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1997-08-29  
[30] JP (232283/96) 1996-09-02  
[30] JP (138336/97) 1997-05-28

[11] **2,216,240**  
[13] C  
[51] Int.Cl. **6A47F 1/08 6B65D 83/04**  
[25] EN  
[54] **LID DISPENSER WITH DIAL ADJUSTMENT AND PIVOTING ACCESS DOOR**  
[54] **DISTRIBUTEUR DE COUVERCLE AVEC CADRAN AJUSTABLE ET PORTE D'ACCES PIVOTANTE**  
[72] GUNDERSON, Jeffrey E., US  
[73] ACRY FAB, INC., US  
[22] 1997-10-10  
[30] US (60/028,477) 1996-10-15

[11] **2,216,305**  
[13] C  
[51] Int.Cl. **6A23P 1/08 6A23L 1/217**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PRODUCING SEASONED FOOD PRODUCTS**  
[54] **SYSTEME ET METHODE DE PRODUCTION DE DENREES ALIMENTAIRES ASSAISONNEES**  
[72] BIERSCHENK, Patrick J., US  
[72] CENTER, John L., US  
[73] Recot, Inc., US  
[22] 1993-12-10  
[62] 2,151,281  
[30] US (07/989,362) 1992-12-11

[11] **2,216,319**  
[13] C  
[51] Int.Cl. **6H04B 7/24 6H04Q 7/20 6H04L 12/54**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING REMINDER MESSAGES IN A COMMUNICATION SYSTEM**  
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE MESSAGES AIDE-MEMOIRE DANS UN SYSTEME DE COMMUNICATIONS**  
[72] MOCK, Von Alan, US  
[72] EATON, Eric Thomas, US  
[73] MOTOROLA, INC., US  
[85] 1997-09-23  
[86] 1996-01-11 (PCT/US96/00398)  
[87] (WO96/31030)  
[30] US (08/409,237) 1995-03-24

[11] **2,217,106**  
[13] C  
[51] Int.Cl. **6B65G 17/06**  
[25] EN  
[54] **SEAL MEMBER FOR RECIPROCATING SLAT CONVEYORS**  
[54] **ORGANE D'ETANCHEITE POUR CONVOYEUR A PALETTES A MOUVEMENT ALTERNATIF**  
[72] FOSTER, Raymond Keith, US  
[73] FOSTER, Raymond Keith, US  
[22] 1997-09-26  
[30] US (08/722,905) 1996-09-27

[11] **2,217,174**  
[13] C  
[51] Int.Cl. **6B41F 35/04**  
[25] EN  
[54] **SYSTEM FOR CLEANING PARTICLES FROM A SURFACE**  
[54] **SYSTEME DE NETTOYAGE D'UNE SURFACE POUR EN ENLEVER DES PARTICULES**  
[72] SWEET, Ronald W., US  
[72] CORRADO, Frank C., US  
[72] LARSEN, Gary R., US  
[72] FISCHER, James W., US  
[73] SERATEK, L.L.C., US  
[85] 1997-10-22  
[86] 1996-05-06 (PCT/US96/06330)  
[87] (WO96/35583)  
[30] US (08/439,063) 1995-05-08

[11] **2,218,030**  
[13] C  
[51] Int.Cl. **6F16K 17/168 6E21B 33/06**  
[25] EN  
[54] **VALVE HAVING PRESSURE EQUALIZING CONDUIT**  
[54] **VANNE AVEC CANALISATION D'EQUILIBRAGE DE LA PRESSION**  
[72] DOMYTRAK, Walter, CA  
[73] DOMYTRAK, Walter, CA  
[22] 1997-10-10

[11] **2,218,262**  
[13] C  
[51] Int.Cl. **6G02F 1/015**  
[25] EN  
[54] **ULTRA-HIGH-SPEED SEMICONDUCTOR OPTICAL MODULATOR WITH TRAVELING-WAVE ELECTRODE**  
[54] **MODULATEUR OPTIQUE ULTRARAPIDE A SEMI-CONDUCTEUR COMPORTANT UNE ELECTRODE A ONDES PROGRESSIVES**  
[72] KAWANO, Kenji, JP  
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 1997-10-15  
[30] JP (274,501/1996) 1996-10-17  
[30] JP (234,848/1997) 1997-08-29

[11] **2,218,304**  
[13] C  
[51] Int.Cl. **6F16N 31/00 6F01M 11/00**  
[25] EN  
[54] **ENGINE FOR VEHICLE**  
[54] **MOTEUR POUR VEHICULE**  
[72] KAJIWARA, Shigemasa, JP  
[72] KIMURA, Yasuyuki, JP  
[72] AOKI, Kaoru, JP  
[72] MURATA, Masashi, JP  
[72] TANAKA, Shigekazu, JP  
[72] IWAMOTO, Atsushi, JP  
[72] SONODA, Toshinari, JP  
[72] TASHIRO, Masahiko, JP  
[72] TAKASHIMA, Mitsuo, JP  
[72] TAGUCHI, Takashi, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1997-10-15  
[30] JP (273319/96) 1996-10-16  
[30] JP (273320/96) 1996-10-16  
[30] JP (280866/96) 1996-10-23  
[30] JP (308254/96) 1996-11-19

**Brevets canadiens délivrés  
24 avril 2001**

[11] **2,219,218**  
[13] C

[51] **Int.Cl. 6E03B 5/00**  
[25] EN  
[54] **SUMP-VENTED CONTROLLER MECHANISM FOR VACUUM SEWERAGE TRANSPORT SYSTEM**  
[54] **MECANISME DE COMMANDE DE PUISARD VENTILE POUR SYSTEME D'EVACUATION DES EAUX USEES PAR ASPIRATION**  
[72] FEATHERINGILL, Burton A., US  
[72] GROOMS, John M., US  
[73] AIRVAC, INC., US  
[85] 1997-10-27  
[86] 1996-04-26 (PCT/US96/05865)  
[87] (WO96/34156)  
[30] US (08/429,536) 1995-04-26

[11] **2,219,273**  
[13] C

[51] **Int.Cl. 6A61N 1/39 6A61N 1/365**  
[25] EN  
[54] **ATRIAL DEFIBRILLATOR AND METHOD OF USE**  
[54] **DEFIBRILLATEUR AURICULAIRE ET SON PROCEDE D'UTILISATION**  
[72] BARDY, Gust H., US  
[73] MEDTRONIC, INC., US  
[85] 1997-10-27  
[86] 1996-02-26 (PCT/US96/02863)  
[87] (WO96/34654)  
[30] US (08/434,899) 1995-05-03

[11] **2,219,503**  
[13] C

[51] **Int.Cl. 6H01F 1/44**  
[25] EN  
[54] **MAGNETOFLUID WITH HIGH SATURATION MAGNETISATION**  
[54] **FLUIDES AIMANTES A AIMANTATION A SATURATION ELEVEE**  
[72] NETHE, Arnim, DE  
[72] MULLER, Johannes, DE  
[72] HÄHNDEL, Thomas, DE  
[72] REHFELD, Armin, DE  
[72] BUSKE, Norbert, DE  
[72] STAHLMANN, Hanns-Dietrich, DE  
[73] NETHE, Arnim, DE  
[73] MULLER, Johannes, DE  
[73] HÄHNDEL, Thomas, DE  
[73] REHFELD, Armin, DE  
[73] BUSKE, Norbert, DE  
[73] STAHLMANN, Hanns-Dietrich, DE  
[85] 1997-10-27  
[86] 1997-02-27 (PCT/DE97/00443)  
[87] (WO97/32321)  
[30] DE (196 09 281.7) 1996-02-27  
[30] DE (196 54 864.0) 1997-02-27

[11] **2,219,507**  
[13] C

[51] **Int.Cl. 6B60D 1/24**  
[25] EN  
[54] **LIFT UNIT FOR WEIGHT DISTRIBUTING TRAILER HITCH**  
[54] **DISPOSITIF DE LEVAGE POUR ATTELAGE REPARTITEUR DE CHARGE**  
[72] MICHALAK, Eric B., US  
[72] SCHMIDT, Kenneth R., US  
[73] DRAW-TITE, INC., US  
[22] 1997-10-28  
[30] US (60/029,826) 1996-10-28

[11] \* **2,219,563**  
[13] C

[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **BROWSER AND PLURAL ACTIVE URL MANAGER FOR NETWORK COMPUTERS**  
[54] **FURETEUR ET GESTIONNAIRE DE MULTIPLES URL ACTIVES POUR ORDINATEURS EN RESEAU**  
[72] BRITTENHAM, Peter James, US  
[72] BERTRAM, Randal Lee, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1997-10-29  
[30] US (08/751,830) 1996-11-18

[11] **2,219,707**  
[13] C

[51] **Int.Cl. 6C08G 63/78 6C08G 63/183**  
[25] EN  
[54] **PROCESS FOR PRODUCING POLYESTER**  
[54] **METHODE POUR LA PRODUCTION DE POLYESTER**  
[72] MIYOSHI, Yasuo, JP  
[72] URABE, Yasuaki, JP  
[72] MITANI, Toshiharu, JP  
[73] MITSUI CHEMICALS INC., JP  
[22] 1997-10-29  
[30] JP (291769/1996) 1996-11-01

[11] **2,220,055**  
[13] C

[51] **Int.Cl. 6C07K 5/078 6C07D 401/00 6C07K 5/023 6C07K 5/027 6C07D 471/04 6C07D 487/04 6C07D 498/04 6A61K 38/05 6C07K 5/06 6C07K 5/065 6A61K 38/08 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6C07D 211/16 6C07D 217/22 6A61K 38/25 6A61K 38/30 6A61K 31/445 6A61K 31/47 6A61K 31/495 6C07D 211/52 6A61K 31/535 6C07D 211/58**  
[25] EN  
[54] **DIPEPTIDES WHICH PROMOTE RELEASE OF GROWTH HORMONE**  
[54] **DIPEPTIDES FAVORISANT LA SECRETION DE L'HORMONE DE CROISSANCE**  
[72] CARPINO, Philip A., US  
[72] RAGAN, John A., US  
[72] LEFKER, Bruce A., US  
[72] JARDINE, Paul A., US  
[73] PFIZER INC., US  
[85] 1997-11-03  
[86] 1995-05-29 (PCT/IB95/00410)  
[87] (WO96/38471)

[11] \* **2,220,612**  
[13] C

[51] **Int.Cl. 6G06F 15/163 6G06F 17/30**  
[25] EN  
[54] **MEYHOD AND APPARATUS FOR INTER-NODE DEADLOCK AVOIDANCE ON A PARALLEL PROCESSING SYSTEM**  
[54] **METHODE ET APPAREIL EMPECHANT LE BLOCAGE INTERNOEUD DANS UN SYSTEME DE TRAITEMENT EN PARALLELE**  
[72] HUFFMAN, Paul C., CA  
[72] LUMBY, John E., CA  
[72] DOOLE, DOUGLAS J., CA  
[73] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1997-11-03



Canadian Patents Issued  
April 24, 2001

[11] 2,222,223  
[13] C

[51] Int.Cl. 6G01J 3/46 6A45D 44/00  
6A45D 44/04 6G01J 3/52  
[25] EN  
[54] METHOD AND APPARATUS FOR  
HAIR COLOR CHARACTERIZATION  
AND TREATMENT  
[54] PROCEDE ET APPAREIL DE  
CARACTERISATION DE LA COULEUR  
DES CHEVEUX ET D'AGENTS DE  
TRAITEMENT CAPILLAIRES  
[72] MACFARLANE, Darby S., US  
[72] BILLMEYER, Fred W., Jr., US  
[72] MACFARLANE, David Kenneth, US  
[73] Chromatics Color Sciences International,  
Inc., US  
[85] 1997-11-25  
[86] 1996-06-06 (PCT/IB96/00731)  
[87] (WO96/41139)  
[30] US (08/481,173) 1995-06-07

[11] 2,222,240  
[13] C

[51] Int.Cl. 6G06K 9/78  
[25] EN  
[54] METHOD AND APPARATUS FOR  
NON-CONTACT SIGNATURE  
IMAGING  
[54] PROCEDE ET APPAREIL DE  
VISUALISATION DE SIGNATURE  
SANS CONTACT  
[72] PATEL, Mark A., US  
[73] UNITED PARCEL SERVICE OF  
AMERICA, INC., US  
[85] 1997-11-25  
[86] 1996-06-04 (PCT/US96/08316)  
[87] (WO96/39676)  
[30] US (08/463,746) 1995-06-05

[11] 2,222,976  
[13] C

[51] Int.Cl. 6C07D 295/192 6C07D 487/04  
6C07D 498/04 6C07D 333/24 6C07D 207/  
337 6A61K 31/40 6A61K 31/435 6A61K  
31/495 6A61K 31/535 6C07D 307/54  
6A61K 31/55 6C07D 213/56 6C07D 317/64  
[25] EN  
[54] BENZOYL PIPERIDINES/  
PYRROLIDINES FOR ENHANCING  
SYNAPTIC RESPONSE  
[54] BENZOYLPYRROLIDINES/  
BENZOYLPYRROLIDINES POUVANT  
AMELIORER LA REPOSE  
SYNAPTIQUE  
[72] NILSSON, Lena, US  
[72] ROGERS, Gary A., US  
[73] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[85] 1997-12-01  
[86] 1996-05-23 (PCT/US96/07607)  
[87] (WO96/38414)  
[30] US (08/458,967) 1995-06-02

[11] 2,224,133  
[13] C

[51] Int.Cl. 6B65D 81/26 6B65D 30/08  
6A61J 1/12 6B65D 65/38  
[25] EN  
[54] SAFETY BAGS FOR FLUID  
SAMPLE CONTAINERS  
[54] SAC DE SECURITE POUR  
CONTENANT D'ECHANTILLONS  
FLUIDES  
[72] MABRY, Ronald D., US  
[73] Flexo Transparent, Inc., US  
[22] 1997-12-09  
[30] US (60/032,140) 1996-12-09

[11] 2,224,727  
[13] C

[51] Int.Cl. 6H01S 3/096 6H05B 43/00  
[25] EN  
[54] LASER DRIVE CIRCUIT  
[54] CIRCUIT DE COMMANDE DE  
LASER  
[72] WALKER, Stuart Douglas, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1997-12-12  
[86] 1996-06-20 (PCT/GB96/01474)  
[87] (WO97/01202)  
[30] EP (95304448.4) 1995-06-23

[11] 2,224,886  
[13] C

[51] Int.Cl. 6B60D 1/24  
[25] EN  
[54] UNIVERSAL, ENERGY-  
ABSORBENT TRAILER HITCH  
[54] DISPOSITIF D'ATELAGE  
UNIVERSEL A ABSORPTION  
D'ENERGIE  
[72] GULLICKSON, Russell C. (deceased),  
US  
[73] GULLICKSON, Jeffrey R., US  
[73] GULLICKSON, Randal K., US  
[22] 1997-12-15  
[30] US (08/767,245) 1996-12-13

[11] 2,225,253  
[13] C

[51] Int.Cl. 6B60J 10/10 6B60J 10/06  
[25] EN  
[54] METHOD FOR THE  
MANUFACTURE OF A SEALING  
PROFILE FOR A FOLDING SOFT TOP  
OF A CONVERTIBLE, AND SEALING  
PROFILE  
[54] METHODE DE FABRICATION DE  
PROFILE D'ETANCHEITE DE CAPOTE  
DE CABRIOLET, ET PROFILE  
D'ETANCHEITE  
[72] HILL, Alistair, DE  
[72] ANDERS, Jens, DE  
[72] BORMANN, Josef, DE  
[73] METEOR GUMMIWERKE K.H.  
BADJE GMBH & CO., DE  
[85] 1997-12-19  
[86] 1995-11-05 (PCT/EP95/04338)  
[87] (WO97/00180)  
[30] DE (195 22 085.4) 1995-06-19

[11] 2,225,512  
[13] C

[51] Int.Cl. 6C09D 5/03 6C09D 133/06  
6C09D 175/14 6C08J 3/28  
[25] EN  
[54] DUAL THERMAL AND  
ULTRAVIOLET CURABLE POWDER  
COATINGS  
[54] REVETEMENT EN POUDRE  
DURCISSABLE PAR APPORT  
THERMIQUE ET IRRADIATION  
ULTRAVIOLETTE  
[72] DALY, Andrew T., US  
[72] MUTHIAH, Jenio, US  
[72] KOZLOWSKI, Joseph J., US  
[72] SHAH, Navin B., US  
[72] HALEY, Richard P., US  
[73] Morton International, Inc., US  
[22] 1997-12-22  
[30] US (08/780,121) 1996-12-26

**Brevets canadiens délivrés  
24 avril 2001**

[11] **2,226,079**  
[13] C

[51] **Int.Cl. 6H04M 3/50 6H04Q 3/00**  
[25] EN  
[54] **TELEPHONE EXCHANGE  
CENTRAL TELEPHONIQUE**  
[72] MILLAR, Paul Christopher, GB  
[72] CARPENTER, Robert Bruce Philip, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1998-01-02  
[86] 1996-07-17 (PCT/GB96/01709)  
[87] (WO97/04574)  
[30] GB (9514683.3) 1995-07-18

[11] **2,227,803**  
[13] C

[51] **Int.Cl. 6C11D 17/00 6C11D 3/20  
6C11D 1/88 6C11D 1/90 6C11D 1/92**  
[25] EN  
[54] **TOILET BOWL DETERGENT  
SYSTEM**  
[54] **COMPLEXE DETERGENT POUR  
CUVETTES DE W.-C.**  
[72] FLORA, Jeffrey Lawrence, US  
[72] COBB, Daniel Scott, US  
[72] WOO, Ricky Ah-Man, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1998-01-26  
[86] 1996-07-25 (PCT/US96/12248)  
[87] (WO97/05232)  
[30] US (08/507,577) 1995-07-26

[11] **2,229,424**  
[13] C

[51] **Int.Cl. 6H04M 1/20**  
[25] EN  
[54] **CIRCUIT TO IMPROVE  
TRANSDUCER SEPARATION IN  
HANDSFREE TELEPHONE**  
[54] **CIRCUIT VISANT A AMELIORER  
LA SEPARATION DU TRANSDUCTEUR  
D'UN TELEPHONE MAINS LIBRES**  
[72] MCLEOD, Rob, CA  
[73] MITEL CORPORATION, CA  
[22] 1998-02-13  
[30] US (08/802,001) 1997-02-18

[11] **2,229,838**  
[13] C

[51] **Int.Cl. 6H04M 11/08 6H04L 29/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
BROWSING THE INTERNET WITH A  
TELECOMMUNICATIONS DEVICE**  
[54] **METHODE ET DISPOSITIF  
PERMETTANT D'EXPLORER  
L'INTERNET AVEC UN APPAREIL DE  
TELECOMMUNICATION**  
[72] SABNANI, Krishan Kumar, US  
[72] CHEN, Kuo-Wei Herman, US  
[72] WOO, Thomas Yat Chung, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1998-02-18  
[30] US (08/801,667) 1997-02-18

[11] **2,230,269**  
[13] C

[51] **Int.Cl. 6H03H 9/15**  
[25] EN  
[54] **PIEZOELECTRIC OSCILLATOR  
COMPONENT, STRUCTURE FOR  
SUPPORTING PIEZOELECTRIC  
OSCILLATOR AND METHOD OF  
MOUNTING PIEZOELECTRIC  
OSCILLATOR**  
[54] **ELEMENT D'OSCILLATEUR  
PIEZO-ELECTRIQUE, STRUCTURE DE  
SUPPORT ET PROCEDE DE MONTAGE  
DE CET OSCILLATEUR**  
[72] IWATA, Yasushi, JP  
[72] TAKAGI, Shusaku, JP  
[72] YOSHIDA, Mitsunobu, JP  
[72] KANAYAMA, Kouichi, JP  
[73] MITSUI CHEMICALS INC., JP  
[85] 1998-02-24  
[86] 1996-08-22 (PCT/JP96/02350)  
[87] (WO97/08760)  
[30] JP (7-240831) 1995-08-25  
[30] JP (8-90274) 1996-03-19

[11] **2,230,341**  
[13] C

[51] **Int.Cl. 6F02C 7/12 6F01D 25/12**  
[25] EN  
[54] **COOLING STEAM SYSTEM FOR  
STEAM COOLED GAS TURBINE**  
[54] **SYSTEME DE REFROIDISSEMENT  
A LA VAPEUR POUR TURBINE A GAZ  
REFROIDIE A LA VAPEUR**  
[72] SUGISHITA, Hideaki, JP  
[72] UEMATSU, Kazuo, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
LTD., JP  
[22] 1998-02-24

[11] **2,230,692**  
[13] C

[51] **Int.Cl. 6H04M 1/274 6H04M 1/56**  
[25] EN  
[54] **ONE-BUTTON INTELLIGENT CTI  
DIALLER**  
[54] **COMPOSEUR ITO  
AUTOMATIQUE DE NUMEROS  
INTELLIGENT A UN SEUL BOUTON**  
[72] SMITH, Donald, CA  
[72] ORCHARD, Pat, CA  
[73] MITEL CORPORATION, CA  
[22] 1998-03-02  
[30] US (08/815,564) 1997-03-04

[11] **2,232,564**  
[13] C

[51] **Int.Cl. 6A61C 8/00**  
[25] EN  
[54] **ENDOSSEUS SINGLE-TOOTH  
IMPLANT WITH ANTI-ROTATION  
DEVICE**  
[54] **IMPLANT INTRA-OSSEUX POUR  
DENT INDIVIDUELLE AVEC SYSTEME  
ANTIROTATION**  
[72] DURR, Walter, DE  
[72] KIRSCH, Axel, DE  
[73] IMZ FERTIGUNGS- UND  
VERTRIEBSGESELLSCHAFT FUR  
DENTALE TECHNOLOGIE MBH, DE  
[85] 1998-03-19  
[86] 1996-07-31 (PCT/DE96/01455)  
[87] (WO97/10769)  
[30] DE (195 34 979.2) 1995-09-20

[11] **2,236,193**  
[13] C

[51] **Int.Cl. 6H03F 3/19 6H03F 1/10**  
[25] EN  
[54] **SEMICONDUCTOR MICROWAVE  
AMPLIFIER**  
[54] **AMPLIFICATEUR  
HYPERFREQUENCE A  
SEMICONDUCTEURS**  
[72] OGA, Toshiyuki, JP  
[73] NEC CORPORATION, JP  
[22] 1998-04-28  
[30] JP (114627/1997) 1997-05-02

Canadian Patents Issued  
April 24, 2001

[11] 2,236,936  
[13] C

[51] Int.Cl. 6G06F 1/16 6A47B 21/03  
[25] EN  
[54] SLIDING POINTING DEVICE  
TRAY  
[54] PLATEAU POUR DISPOSITIF DE  
POINTAGE COULISSANT  
[72] AMBROSE, Frederic C., US  
[72] HAWLEY, David, US  
[73] FLEX-REST, LLC, US  
[85] 1998-05-06  
[86] 1996-11-12 (PCT/US96/18060)  
[87] (WO97/18094)  
[30] US (08/556,593) 1995-11-13  
[30] US (08/613,857) 1996-03-11  
[30] US (08/641,007) 1996-04-29

[11] 2,237,271  
[13] C

[51] Int.Cl. 6C23F 11/167  
[25] EN  
[54] METHODS AND EMULSIONS FOR  
INHIBITION OF OIL WELL  
CORROSION  
[54] PROCEDES ET EMULSIONS  
D'INHIBITION DE LA CORROSION  
DANS DES Puits DE PETROLE  
[72] BRAGA, Thomas G., US  
[72] MARTIN, Richard L., US  
[72] MULLEN, John P., US  
[72] BROWN, Peter E., US  
[73] BAKER HUGHES INCORPORATED,  
US  
[85] 1998-05-11  
[86] 1996-09-06 (PCT/US96/14333)  
[87] (WO97/17481)  
[30] US (556,181) 1995-11-09

[11] 2,237,407  
[13] C

[51] Int.Cl. 6H04Q 3/66 6H04Q 3/00  
6H04M 3/22  
[25] EN  
[54] NETWORK DESIGNER FOR  
COMMUNICATION NETWORKS  
[54] CONCEPTEUR DE RESEAU POUR  
RESEAUX DE COMMUNICATIONS  
[72] RAYES, Ammar, US  
[72] MIN, Paul Seungkyu, US  
[73] TELCORDIA TECHNOLOGIES, INC.,  
US  
[85] 1998-05-12  
[86] 1996-11-06 (PCT/US96/17976)  
[87] (WO97/18678)  
[30] US (08/555,955) 1995-11-13

[11] 2,238,882  
[13] C

[51] Int.Cl. 6C01F 17/00 6B01J 23/10  
6B01D 53/94  
[25] FR  
[54] OXYDE DE CERIU A PORES DE  
STRUCTURE LAMELLAIRE,  
PROCEDE DE PREPARATION ET  
UTILISATION EN CATALYSE  
[54] CERIU OXIDE WITH PORES  
HAVING A LAMELLAR STRUCTURE,  
PREPARATION METHOD THEREFOR  
AND USE THEREOF IN CATALYSIS  
[72] ZING, Christophe, FR  
[72] BONNEAU, Lionel, FR  
[72] FERLIN, Patrick, FR  
[73] RHODIA CHIMIE, FR  
[85] 1998-05-29  
[86] 1996-12-03 (PCT/FR96/01918)  
[87] (WO97/20772)  
[30] FR (95/14291) 1995-12-04

[11] 2,239,111  
[13] C

[51] Int.Cl. 6A61K 49/00 6A61K 51/12  
6G01N 33/58  
[25] EN  
[54] MEASUREMENT OF LIQUID  
PHASE GASTRIC EMPTYING  
[54] MESURE DE VIDANGE  
GASTRIQUE DE LA PHASE LIQUIDE  
[72] KLEIN, Peter D., US  
[73] MERETEK DIAGNOSTICS, US  
[85] 1998-05-29  
[86] 1997-08-19 (PCT/US97/14592)  
[87] (WO98/09658)  
[30] US (08/711,405) 1996-09-05

[11] 2,239,556  
[13] C

[51] Int.Cl. 6B01D 53/48 6F23G 5/10  
[25] EN  
[54] PLASMA OXIDATION OF AN  
EXHAUST GAS STREAM FROM  
CHLORINATING TITANIUM-  
CONTAINING MATERIAL  
[54] OXYDATION AU PLASMA D'UN  
COURANT DE GAZ D'ECHAPPEMENT  
PROVENANT DE LA CHLORATION DE  
MATERIAUX CONTENANT DU  
TITANE  
[72] LYKE, Stephen Erwin, US  
[72] CAMPOS, Daniel, US  
[73] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 1998-06-04  
[86] 1996-12-06 (PCT/US96/19369)  
[87] (WO97/20617)  
[30] US (60/008,272) 1995-12-06  
[30] US (08/761,734) 1996-12-05

[11] 2,243,258  
[13] C

[51] Int.Cl. 6B23K 9/00 6B23K 9/16  
[25] EN  
[54] ARC WELDING APPARATUS  
WHITH CONSTANT CURRENT AND  
VOLTAGE CHARACTERISTICS  
[54] MATERIEL DE SOUDAGE A ARC A  
CARACTERISTIQUE DE COURANT  
CONSTANT ET DE TENSION  
CONSTANTE DONT LE COUT ET LE  
POIDS ONT ETE REDUITS  
[72] YASUHARA, Yoshimichi, JP  
[72] NARUTO, Masafumi, JP  
[72] OKUBO, Masayuki, JP  
[73] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 1998-07-15  
[30] JP (9-190835) 1997-07-16

[11] 2,245,889  
[13] C

[51] Int.Cl. 6F04B 17/04  
[25] EN  
[54] MAGNETIC DIRECT DRIVE  
RECIPROCATING PUMP APPARATUS  
AND METHOD WITH INTEGRAL  
PRESSURE SENSING  
[54] APPAREIL ET METHODE  
RELATIFS A UNE POMPE  
ALTERNATIVE A ENTRAINEMENT  
MAGNETIQUE DIRECT A MESURE  
INTEGREE DE LA PRESSION  
[72] TULLSEN, Thomas R., US  
[73] DIONEX CORPORATION, US  
[85] 1998-08-13  
[86] 1997-01-28 (PCT/US97/01286)  
[87] (WO97/30288)  
[30] US (08/601,092) 1996-02-14

[11] 2,246,063  
[13] C

[51] Int.Cl. 6B66F 1/06  
[25] EN  
[54] RATCHETING CARGO LOAD  
BRACING BAR  
[54] BARRE DE CALAGE A ROCHET  
POUR FRET  
[72] LOPRESTI, Philip B., US  
[72] FELDMAN, Edward T., US  
[72] KEENAN, Thomas C., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1998-08-28  
[30] US (08/932,628) 1997-09-17

**Brevets canadiens délivrés  
24 avril 2001**

[11] **2,246,129**  
[13] C

[51] **Int.Cl. 6G09F 9/00 6G09G 3/00 6H04L 9/00**  
[25] EN  
[54] **METHOD OF SENDING MESSAGES TO AN ELECTRONIC PRICE LABEL**  
[54] **METHODE D'ENVOIE DE MESSAGES DESTINES A UNE ETIQUETTE DE PRIX ELECTRONIQUE**  
[72] GOODWIN, John C., III, US  
[73] NCR CORPORATION, US  
[22] 1998-08-31  
[30] US (08/960,667) 1997-10-30

[11] **2,248,240**  
[13] C

[51] **Int.Cl. 6H04M 3/42 6H04M 11/08 6H04N 7/173**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVISIONING NETWORK SERVICES**  
[54] **PROCEDE ET DISPOSITIF DE FOURNITURE DE SERVICES DE RESEAU**  
[72] SMYK, Darek Andrew, US  
[72] ELY, Thomas Chambers, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 1998-08-31  
[86] 1996-06-19 (PCT/US96/10540)  
[87] (WO97/49221)

[11] **2,251,516**  
[13] C

[51] **Int.Cl. 6E04F 21/16 6B23B 45/00 6E04F 21/24**  
[25] EN  
[54] **CONCRETE FINISHING MACHINE**  
[54] **APPAREIL DE FINITION POUR LE CIMENT**  
[72] FERLAND, Marc, CA  
[73] FERLAND, Marc, CA  
[22] 1998-11-04  
[30] US (08/966,570) 1997-11-10

[11] **2,253,124**  
[13] C

[51] **Int.Cl. 6H04N 5/76 6G11B 23/00 6G11B 27/28**  
[25] EN  
[54] **VIDEO SEARCHING METHOD AND APPARATUS, VIDEO INFORMATION PRODUCING METHOD, AND STORAGE MEDIUM FOR STORING PROCESSING PROGRAM THEREOF**  
[54] **METHODE ET APPAREIL DE RECHERCHE DE VIDEO, METHODE DE FABRICATION DE VIDEOS D'INFORMATION ET METHODE D'ENTREPOSAGE DE CES PROGRAMMES**  
[72] MORITA, Koichi, JP  
[72] ASAI, Mitsuo, JP  
[72] TAKIYASU, Yoshihiro, JP  
[72] ISHIDA, Tomoyuki, JP  
[72] ONODERA, Takeshi, JP  
[73] HITACHI, LTD., JP  
[22] 1998-11-05  
[30] JP (09-307459) 1997-11-10

[11] **2,253,272**  
[13] C

[51] **Int.Cl. 6C07D 335/16 6C08F 2/50**  
[25] EN  
[54] **PROCESSES FOR PREPARING THIOXANTHONE AND DERIVATIVES THEREOF**  
[54] **PROCEDES DE PREPARATION DE THIOXANTHONE ET DE SES DERIVES**  
[72] FORD, Franklin Dewitt, US  
[72] BEARSON, Amy Lisa, US  
[72] FARMER, Alan Daniel, US  
[72] HAYDEL, Diana Boney, US  
[72] EUBANKS, John Robert Ira, US  
[72] MULLER, August John, US  
[73] FIRST CHEMICAL CORPORATION, US  
[85] 1998-10-27  
[86] 1997-04-28 (PCT/US97/07094)  
[87] (WO97/41110)  
[30] US (08/641,165) 1996-04-29

[11] **2,254,251**  
[13] C

[51] **Int.Cl. 6G01J 9/00 6G01B 9/02**  
[25] EN  
[54] **METHOD FOR DETERMINING THE PHASE DIFFERENCE OF LIGHT WAVES PROPAGATED OVER TWO PATHS**  
[54] **METHODE POUR DETERMINER LA DIFFERENCE DEPHASE DES ONDES LUMINEUSES PROPAGEES SUR DEUX VOIES**  
[72] FREDERICK, Donald A., US  
[72] BUNN, James B., US  
[72] HALL, David B., US  
[72] BUNN, James S., Jr., US  
[73] LITTON SYSTEMS, INC., US  
[22] 1998-11-18  
[30] US (08/979,162) 1997-11-26

[11] **2,257,748**  
[13] C

[51] **Int.Cl. 6G01V 3/28 6G01V 3/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EVALUATING THE RESISTIVITY OF INVADDED FORMATIONS AT HIGH APPARENT DIP ANGLE**  
[54] **METHODE ET DISPOSITIF PERMETTANT L'EVALUATION DE LA RESISTANCE DES ZONES ENVAHIES A UN ANGLE D'INCLINATION ELEVEE**  
[72] SIJERCIC, Zlatko, US  
[72] BARBER, Thomas D., US  
[72] BROUSSARD, Tracy E., US  
[72] MINERBO, Gerald N., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1999-01-04  
[30] US (09/008,040) 1998-01-16

[11] **2,260,626**  
[13] C

[51] **Int.Cl. 6H03B 1/00**  
[25] EN  
[54] **HIGH SPEED WIDE TUNING RANGE MULTI-PHASE OUTPUT RING OSCILLATOR**  
[54] **OSCILLATEUR EN ANNEAU A SORTIE MULTIPHASEE, A VASTE GAMME D'ACCORD ET A GRANDE VITESSE**  
[72] KWASNIEWSKI, Tadeusz, CA  
[72] INIEWSKI, Kris, CA  
[72] SUN, Lizhong, CA  
[73] PMC-SIERRA LTD., CA  
[22] 1999-01-29

Canadian Patents Issued  
April 24, 2001

[11] 2,260,633  
[13] C

[51] Int.Cl. 6H02K 5/04  
[25] EN  
[54] MOTOR DRIVE SYSTEM  
PAR MOTEUR ELECTRIQUE  
[72] YAMAMOTO, Masaru, JP  
[72] ONO, Hirotaka, JP  
[72] MIYAZAKI, Masanori, JP  
[73] KABUSHIKI KAISHA TOSHIBA, JP  
[73] TOSHIBA ENGINEERING CORPORATION, JP  
[22] 1999-02-02  
[30] JP (10-029870) 1998-02-12

[11] 2,261,282  
[13] C

[51] Int.Cl. 6G08B 17/02  
[25] EN  
[54] FIRE ALARM LEVER ENCLOSURE  
[54] BOITIER DE LEVIER D'ALARME INCENDIE  
[72] DECARIE, Paul, CA  
[73] DECARIE, Paul, CA  
[22] 1999-02-08  
[30] US (09/019,816) 1998-02-06

[11] 2,261,858  
[13] C

[51] Int.Cl. 6H03F 3/18 6H03F 3/50  
[25] EN  
[54] HIGH SPEED PROCESS-CONTROLLED TRANSRESISTANCE AMPLIFIER  
[54] AMPLIFICATEUR A TRANSRESISTANCE COMMANDE PAR PROCESSUS HAUTE VITESSE  
[72] HISSEN, Jorgen, CA  
[73] PMC-SIERRA LTD., CA  
[22] 1999-02-12

[11] \* 2,262,067  
[13] C

[51] Int.Cl. 6A61G 7/10  
[25] EN  
[54] MARPET SLING  
[54] SELLE DE TRANSFERT DE PATIENT  
[72] CARBONNEAU, Margaret, CA  
[72] SKOYE, Petrona, CA  
[73] CARBONNEAU, Margaret, CA  
[73] SKOYE, Petrona, CA  
[22] 1999-02-12

[11] 2,265,567  
[13] C

[51] Int.Cl. 6G06F 13/24  
[25] EN  
[54] A METHOD AND SYSTEM FOR DEVICE VIRTUALIZATION BASED ON AN INTERRUPT REQUEST IN A DOS-BASED ENVIRONMENT  
[54] PROCEDE ET SYSTEME DE VIRTUALISATION DE DISPOSITIFS BASES SUR UNE DEMANDE D'INTERRUPTION EN ENVIRONNEMENT DOS  
[72] WEIR, Andrew P., US  
[72] FRIEL, Joseph T., US  
[73] CREATIVE TECHNOLOGY LTD., SG  
[85] 1999-03-10  
[86] 1997-09-08 (PCT/US97/15813)  
[87] (WO98/11489)  
[30] US (08/712,363) 1996-09-11

[11] 2,275,148  
[13] C

[51] Int.Cl. 6E04H 15/08 6E04H 15/34 6E04H 15/58  
[25] EN  
[54] AUTOMATIC AWNING FOR RECREATIONAL VEHICLE  
[54] AUVENT AUTOMATIQUE POUR VEHICULE DE LOISIRS  
[72] SIMONETTI, LOUIS, US  
[73] ZIP DEE, INC., US  
[22] 1996-06-06  
[62] 2,178,354  
[30] US (08/465,975) 1995-06-06

[11] 2,276,321  
[13] C

[51] Int.Cl. 6A61C 19/00 6G02B 5/20 6G02B 5/24 6G02B 6/42  
[25] EN  
[54] CURING LIGHT  
[54] POLYMERISATION PAR RAYONNEMENT  
[72] TSIMERMAN, EFRAIM, CA  
[73] TSIMERMAN, EFRAIM, CA  
[85] 1999-06-29  
[86] 1997-07-15 (PCT/CA97/00492)  
[87] (WO98/03132)  
[30] US (08/682,489) 1996-07-17

[11] 2,283,592  
[13] C

[51] Int.Cl. 6B27N 3/18  
[25] EN  
[54] A METHOD OF MANUFACTURING CHIPBOARDS, FIBRE BOARDS AND THE LIKE BOARDS  
[54] PROCEDE DE FABRICATION DE PANNEAUX DE PARTICULES, DE PANNEAUX DE FIBRES ET DE PLANCHES ANALOGUES  
[72] DUEHOLM, STEN, DK  
[73] WESSER & DUEHOLM, DK  
[85] 1999-09-07  
[86] 1998-03-10 (PCT/DK98/00090)  
[87] (WO98/41372)  
[30] DK (0302/97) 1997-03-18

[11] 2,289,246  
[13] C

[51] Int.Cl. 7B62J 1/00  
[25] EN  
[54] BICYCLE SADDLE  
[54] SELLE DE BICYCLETTE  
[72] ANDREWS, GEORGE EDWARD, CA  
[73] ANDREWS, GEORGE EDWARD, CA  
[22] 1999-11-10

[11] 2,310,362  
[13] C

[51] Int.Cl. 7F21S 10/04 7F24C 7/00 7F24C 15/06  
[25] EN  
[54] FLAME SIMULATING ASSEMBLY AND COMPONENTS THEREFOR  
[54] SIMULATEUR DE FLAMMES ET ELEMENTS CONSTITUTIFS  
[72] SPENCER, SEAN DAVID, CA  
[72] HESS, KRISTOFFER, CA  
[72] MACPHERSON, DAVID MILLER, CA  
[72] GALLO, IGNAZIO, CA  
[73] DIMPLEX NORTH AMERICA LIMITED, CA  
[22] 1997-04-30  
[62] 2,204,106  
[30] CA (2,175,442) 1996-04-30  
[30] US (08/801,469) 1997-02-18

**Brevets canadiens délivrés  
24 avril 2001**

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[11] **2,310,414**

[13] C

[51] **Int.Cl. 7F21S 10/04 7F24C 15/06**

[25] EN

[54] **FLAME SIMULATING ASSEMBLY  
AND COMPONENTS THEREFOR**

[54] **SIMULATEUR DE FLAMMES ET  
ELEMENTS CONSTITUTIFS**

[72] MACPHERSON, DAVID MILLER, CA

[72] SPENCER, SEAN DAVID, CA

[72] HESS, KRISTOFFER, CA

[72] GALLO, IGNAZIO, CA

[73] DIMPLEX NORTH AMERICA  
LIMITED, CA

[22] 1997-04-30

[62] 2,204,106

[30] CA (2,175,442) 1996-04-30

[30] US (08/801,469) 1997-02-18

**Canadian Patents Issued  
April 24, 2001**

# Canadian Laid-Open Applications

April 1, 2001 - April 7, 2001

## Demandes canadiennes mises à la disponibilité du public

1 avril 2001 - 7 avril 2001

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[21] **2,284,246**  
[13] A1

[51] Int.Cl. 6C12N 15/53 6C11B 1/00  
6A01H 5/00 6C12N 9/02 6C12N 15/82  
[25] EN  
[54] **PLANT FATTY ACID  
DESATURASES AND ALLELES  
THEREFOR**  
[54] **DESATURASES D'ACIDES GRAS  
VEGETAUX ET LEURS ALLELES**  
[72] SOMERS, DARYL, CA  
[72] RAKOW, GERHARD, CA  
[71] HER MAJESTY IN RIGHT OF  
CANADA AS REPRESENTED BY THE  
MINISTER OF AGRICUL, CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,284,345**  
[13] A1

[51] Int.Cl. 6A61K 31/155 6A61K 7/16  
[25] EN  
[54] **COMPOSITION FOR THE  
TREATMENT OF ORAL LESIONS**  
[54] **COMPOSITION POUR LE  
TRAITEMENT DES LESIONS  
BUCCALES**  
[72] HURLBUT, FRED, CA  
[71] HURLBUT, FRED, CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,284,380**  
[13] A1

[51] Int.Cl. 6F04B 53/14 6F04B 15/02  
6F04B 47/12  
[25] EN  
[54] **TOP COUPLING ARRANGEMENT  
FOR A RECIPROCATING PUMP**  
[54] **ACCOUPLLEMENT SUPERIEUR  
POUR POMPE ALTERNATIVE**  
[72] CONN, KENNETH S., CA  
[71] CONN, KENNETH S., CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,284,385**  
[13] A1

[51] Int.Cl. 6G09F 23/00 6G09F 21/06  
6G09F 7/18  
[25] EN  
[54] **AD HOLDER FOR AN AIRLINE-  
TYPE FOLD-DOWN TRAY**  
[54] **SUPPORT D'ANNONCES  
PUBLICITAIRES POUR TABLETTE  
RABATTABLE DE SIEGE D'AERONEF**  
[72] HARRIS, NIGEL, CA  
[72] HARNEY, SHANE, CA  
[72] GREENWOOD, ED, CA  
[71] HARRIS, NIGEL, CA  
[71] HARNEY, SHANE, CA  
[71] GREENWOOD, ED, CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,284,389**  
[13] A1

[51] Int.Cl. 6A01G 9/02  
[25] EN  
[54] **MODULAR PLANTER SYSTEM**  
[54] **JARDINIERE MODULAIRE**  
[72] BLACK, ALLAN, CA  
[71] BLACK, ALLAN, CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,284,395**  
[13] A1

[51] Int.Cl. 6A61D 19/02 6A01K 21/00  
[25] EN  
[54] **BOAR CART FOR INSEMINATION  
OF SOWS**  
[54] **CHARIOT A VERRAT POUR  
L'INSEMINATION DES TRUIES**  
[72] KLEINSASSER, JONATHAN, CA  
[71] CRYSTAL SPRING COLONY FARMS  
LTD., CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,428**  
[13] A1

[51] Int.Cl. 6E21B 19/10  
[25] EN  
[54] **IMPROVED TUBING SPIDER**  
[54] **SUPPORT DE TIGE A COINS  
AMELIORE**  
[72] FEIGEL, KURT R., JR., CA  
[72] POHNERT, VLADIMIR G., CA  
[71] UNIVERSE MACHINE  
CORPORATION, CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,284,430**  
[13] A1

[51] Int.Cl. 6B66F 5/04 6F15B 15/14  
6B66F 3/25  
[25] EN  
[54] **OIL CIRCUIT OF A JACK FOR  
RISING OBJECT TO PRESET  
POSITION RAPIDLY**  
[54] **CIRCUIT D'HUILE D'UN VERIN  
PERMETTANT DE SOULEVER  
RAPIDEMENT UN OBJET JUSQU'A  
UNE POSITION PREDETERMINEE**  
[72] HUNG, MICHAEL, TW  
[71] MVP (H.K.) INDUSTRIES LIMITED,  
HK  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,284,432**  
[13] A1

[51] Int.Cl. 6A01D 57/02 6A01D 47/00  
[25] EN  
[54] **MOUNTING A FINGER ON THE  
BAT OF A HARVESTING HEADER**  
[54] **DOIGTS MONTES SUR UNE  
BATTE DE COLLECTEUR DE  
MOISSONNEUSE**  
[72] REMILLARD, RHEAL G., CA  
[71] MACDON INDUSTRIES LTD., CA  
[22] 1999-10-01  
[43] 2001-04-01



Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,284,436**  
[13] A1  
[51] **Int.Cl. 6A01D 47/00 6A01D 57/02**  
[25] EN  
[54] **FORE AND AFT MOVEMENT OF A PICKUP REEL OF A CROP HARVESTING HEADER**  
[54] **RABATTEUR A MOUVEMENT LONGITUDINAL DE COLLECTEUR DE MOISSONNEUSE**  
[72] TALBOT, FRANCOIS R., CA  
[72] SHEARER, BRUCE R., CA  
[71] MACDON INDUSTRIES LTD., CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,284,452**  
[13] A1  
[51] **Int.Cl. 6G06F 3/12 6H04L 12/16 6G07F 17/26**  
[25] EN  
[54] **METHOD OF DISTRIBUTING PRINTED PUBLICATIONS**  
[54] **METHODE DE DISTRIBUTION DE PUBLICATIONS IMPRIMEES**  
[72] HEURTER, KEN, CA  
[72] GILL, GORDON, CA  
[72] ZINN, JOHN, CA  
[71] HEURTER, KEN, CA  
[71] GILL, GORDON, CA  
[71] ZINN, JOHN, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,457**  
[13] A1  
[51] **Int.Cl. 6A01B 35/22 6A01B 23/02**  
[25] EN  
[54] **QUICK CHANGE SWEEP RETAINER**  
[54] **DISPOSITIF DE RETENUE DE SOC A REMPLACEMENT RAPIDE**  
[72] HORVATH, LEONARD, CA  
[72] YEAGER, LINUS, CA  
[72] SCHEMENAUER, RICKY WILLIAM, CA  
[71] F.P. BOURGAULT TILLAGE TOOLS LTD., CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,459**  
[13] A1  
[51] **Int.Cl. 6C07K 5/12**  
[25] EN  
[54] **COMBINATORIAL SYNTHESIS OF LIBRARIES OF MACROCYCLIC COMPOUNDS USEFUL IN DRUG DISCOVERY**  
[54] **SYNTHESE COMBINATOIRE DE BIBLIOTHEQUES DE COMPOSES MACROCYCLIQUES UTILES POUR LA DECOUVERTE DE MEDICAMENTS**  
[72] OUELLET, LUC, CA  
[72] BERTHIAUME, GILLES, CA  
[72] LAN, RUOXI, CA  
[72] DORY, YVES, CA  
[72] DESLONGCHAMPS, PIERRE, CA  
[71] NEOKIMIA INC., CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,469**  
[13] A1  
[51] **Int.Cl. 6C09D 11/10**  
[25] EN  
[54] **LOW PH COATING COMPOSITION FOR INK JET RECORDING MEDIUM AND METHOD**  
[54] **COMPOSITION DE REVETEMENT A FAIBLE PH POUR MILIEU D'ENREGISTREMENT PAR JET D'ENCRE ET METHODE**  
[72] SPREDA, KAREN K., US  
[72] TRITZ, LELAND O., US  
[72] SCHLIESMAN, LEONARD J., US  
[71] CONSOLIDATED PAPERS, INC., US  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,475**  
[13] A1  
[51] **Int.Cl. 6C30B 29/38**  
[25] EN  
[54] **GROWTH OF GAN ON SAPPHIRE WITH MSE GROWN BUFFER LAYER**  
[54] **CROISSANCE DE GAN SUR DU SAPHIR COMPORTANT UNE COUCHE TAMPON DEPOSEE PAR PULVERISATION EPITAXIQUE AU MAGNETRON**  
[72] TANG, HAIPENG, CA  
[72] WEBB, JAMES BRIAN, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,512**  
[13] A1  
[51] **Int.Cl. 6B42D 3/16 6B42D 17/00**  
[25] EN  
[54] **BOOK DISPLAY APPARATUS**  
[54] **PRESENTOIR DE LIVRES**  
[72] CLARK, STEPHEN, CA  
[71] CLARK, STEPHEN, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,845**  
[13] A1  
[51] **Int.Cl. 6B66D 1/04 6B62D 39/00**  
[25] EN  
[54] **WINCH HANDLE**  
[54] **POIGNEE DE TREUIL**  
[72] MILLER, GRAHAM M., CA  
[71] COPPERWELD CANADA INC., CA  
[22] 1999-10-05  
[43] 2001-04-05

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[21] **2,284,946**  
[13] A1  
[51] **Int.Cl. 6H01S 3/25 6H01S 3/025**  
[25] EN  
[54] **LASER DIODE ARRAY ASSEMBLY MADE FROM A RIDGED MONOLITHIC SUBSTRATE**  
[54] **ENSEMBLE DE RESEAUX DE DIODES LASER FAIT D'UN SUBSTRAT MONOLITHIQUE NERVURE**  
[72] PARENT, ANDRÉ, CA  
[72] LABRANCHE, BRUNO, CA  
[72] CHAMPAGNE, YVES, CA  
[72] BONNIER, DENI, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,947**  
[13] A1  
[51] **Int.Cl. 6G06F 12/10 6G06F 13/20**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MANAGING DATA STORAGE**  
[54] **APPAREIL ET METHODE DE GESTION DE MEMOIRE DE DONNEES**  
[72] FRADETTE, ROBERT J., CA  
[71] STORAGEQUEST INC., CA  
[22] 1999-10-04  
[43] 2001-04-04

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**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,284,948**  
[13] A1

[51] **Int.Cl. 6H04L 27/152**  
[25] EN  
[54] **COMPLEX PHASE-LOCKED LOOP DEMODULATOR FOR LOW-IF AND ZERO-IF RADIO RECEIVERS**  
[54] **DEMODULATEUR A BOUCLE A VERROUILLAGE DE PHASE COMPLEXE POUR RECEPTEURS RADIO A FI BASSE OU NULLE**  
[72] RILEY, THOMAS, CA  
[72] BIRKETT, NEIL, CA  
[72] FILIOL, NORM, CA  
[71] PHILSAR ELECTRONICS INC., CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,949**  
[13] A1

[51] **Int.Cl. 6G06F 9/00 6G06F 15/04**  
[25] EN  
[54] **DYNAMIC SEMI-STRUCTURED REPOSITORY FOR MINING SOFTWARE AND SOFTWARE-RELATED INFORMATION**  
[54] **DEPOT DE DONNEES SEMI-STRUCTURE DYNAMIQUE POUR LOGICIELS DE PLANIFICATION MINIERE ET INFORMATION CONNEXE**  
[72] DAYANI-FARD, HOMAYOUN, CA  
[72] JURISICA, IGOR, CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITEE, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,952**  
[13] A1

[51] **Int.Cl. 6A61H 3/02 6A61F 2/60**  
[25] EN  
[54] **CRUTCH DEVICE**  
[54] **BEQUILLE**  
[72] MATTHEWS, LANCE, CA  
[71] MATTHEWS, LANCE, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,284,963**  
[13] A1

[51] **Int.Cl. 6A61F 2/16 6G02C 7/02 6A61F 2/14**  
[25] EN  
[54] **DEFORMABLE INTRAOCULAR CORRECTIVE LENS**  
[54] **LENTILLES CORRECTRICES INTRAOCULAIRES DEFORMABLES**  
[72] CALLAHAN, JEFFREY S., US  
[72] CALLAHAN, WAYNE B., US  
[71] THINOPTX, INC., US  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,285,035**  
[13] A1

[51] **Int.Cl. 6E21B 21/12 6E21B 17/18**  
[25] EN  
[54] **DUAL TUBING SYSTEM FOR PRODUCING WELLS**  
[54] **TUBAGE JUMBLE POUR PUITTS DE PRODUCTION**  
[72] SCHMALTZ, STEVEN, CA  
[71] SCHMALTZ, STEVEN, CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,285,128**  
[13] A1

[51] **Int.Cl. 6H04Q 3/52**  
[25] EN  
[54] **SWITCH FOR OPTICAL SIGNALS**  
[54] **COMMUTATEUR POUR SIGNAUX OPTIQUES**  
[72] GRAVES, ALAN F., CA  
[72] ROORDA, PETER, GB  
[72] BAKER, NIGEL, GB  
[72] SPAGNOLETTI, ROBERT WILLIAM, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,138**  
[13] A1

[51] **Int.Cl. 6C10M 105/32 6C10M 107/02**  
[25] EN  
[54] **A PARTLY SYNTHETIC MULTIGRADE CRANKCASE LUBRICANT**  
[54] **LUBRIFIANT DE CARTER MULTIGRADE PARTIELLEMENT SYNTHETIQUE**  
[72] GAO, JASON ZHISHENG, CA  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1999-10-05  
[43] 2001-04-05

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[21] **2,285,142**  
[13] A1

[51] **Int.Cl. 6A61F 9/04 6G02C 11/00**  
[25] EN  
[54] **OPTICAL OCCLUDER DEVICE**  
[54] **DISPOSITIF D'OBTURATION OPTIQUE**  
[72] ZITSOW, ARLENE, CA  
[71] ZITSOW, ARLENE, CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,148**  
[13] A1

[51] **Int.Cl. 6D21B 1/02**  
[25] EN  
[54] **CHEMIMECHANICAL OR MECHANICAL PULP MANUFACTURE WITH REDUCED ENERGY CONSUMPTION**  
[54] **PROCEDE DE FABRICATION DE PATE CHIMICO-MECANIQUE OU MECANIQUE A CONSOMMATION ENERGIE REDUITE**  
[72] DANIELSSON, OVE, SE  
[72] MOKVIST, ANDERS, US  
[72] HODÉN, EBBE, SE  
[72] JOHANSSON, OLA, US  
[71] VALMET FIBERTECH AB, SE  
[22] 1999-10-05  
[43] 2001-04-05

Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,285,152**  
[13] A1  
[51] **Int.Cl. 6C02F 1/74 6C02F 1/78**  
[25] EN  
[54] **CONSTRUCTION OF A WATER TREATMENT RESERVOIR FOR A DOMESTIC WATER TREATMENT APPLIANCE**  
[54] **FABRICATION D'UN RESERVOIR DE TRAITEMENT DE L'EAU POUR UN APPAREIL DOMESTIQUE DE TRAITEMENT DE L'EAU**  
[72] CONRAD, WAYNE ERNEST, CA  
[71] FANTOM TECHNOLOGIES INC., CA  
[22] 1999-10-05  
[43] 2001-04-05

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[21] **2,285,154**  
[13] A1  
[51] **Int.Cl. 6B01F 3/18 6B01F 11/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR BLENDING DRY MATERIALS**  
[54] **APPAREIL ET METHODE DE MELANGE DE MATIERES SECHES**  
[72] BIRCHARD, RONALD W. T., CA  
[71] BIRCHARD, RONALD W. T., CA  
[22] 1999-10-05  
[43] 2001-04-05

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[21] **2,285,155**  
[13] A1  
[51] **Int.Cl. 6F23G 7/06**  
[25] EN  
[54] **APPARATUS FOR BURNING OFF UNPROCESSED GAS**  
[54] **APPAREIL POUR BRULER DES GAZ NON TRAITES**  
[72] STEVENS, DAVID, CA  
[71] STEVENS, DAVID, CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,156**  
[13] A1  
[51] **Int.Cl. 6G01V 3/11**  
[25] EN  
[54] **A CONSTANT CURRENT TERMINATION FOR CABLE LOCATING TONES**  
[54] **TERMINAISON A COURANT CONSTANT POUR TONALITES DE LOCALISATION DE CABLES**  
[72] SONTAG, KENNETH N., CA  
[72] LOEWEN, MYRON, CA  
[72] VOKEY, DAVID E., US  
[71] NORSCAN INSTRUMENTS LTD., CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,159**  
[13] A1  
[51] **Int.Cl. 6C09D 11/10**  
[25] EN  
[54] **ELECTROCOAGULATION PRINTING INK**  
[54] **ENCRE D'IMPRIMERIE ELECTROCOAGULANTE**  
[72] CASTEGNIER, ADRIEN, CA  
[72] LEPINE, NORMAND, CA  
[71] ELCORSY TECHNOLOGY INC., CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,161**  
[13] A1  
[51] **Int.Cl. 6C12N 5/08 6A61L 27/00 6C12N 5/06 6A61K 35/32**  
[25] EN  
[54] **IN VITRO CULTURED LIGAMENT TISSUE AND METHOD OF MAKING SAME**  
[54] **TISSU DE LIGAMENT CULTIVE IN VITRO ET METHODE POUR SA PRODUCTION**  
[72] KANDEL, RITA, CA  
[72] KING, LINDSAY, CA  
[71] 1218122 ONTARIO INC., CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,165**  
[13] A1  
[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **A METHOD TO CALCULATE A MODIFIED CONSUMER PRICE INDEX**  
[54] **METHODE DE CALCUL D'UN INDICE DES PRIX A LA CONSOMMATION MODIFIE**  
[72] TWARDOWSKI, PETER, CA  
[71] TWARDOWSKI, PETER, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,172**  
[13] A1  
[51] **Int.Cl. 6G01L 17/00 6B60C 23/00**  
[25] EN  
[54] **FLAT TIRE SENSOR**  
[54] **DETECTEUR DE PNEU DEGONFLE**  
[72] HASLETT, ROLAND ALEXANDER, CA  
[71] HASLETT, ROLAND ALEXANDER, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,174**  
[13] A1  
[51] **Int.Cl. 6B65B 15/00 6B25B 23/06**  
[25] EN  
[54] **AUTOMATED SCREW PACKAGING MACHINE**  
[54] **CONDITIONNEUSE AUTOMATIQUE DE VIS**  
[72] BECKER, BURKHARD, CA  
[71] BECKER, BURKHARD, CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,285,179**  
[13] A1  
[51] **Int.Cl. 6B60J 1/20**  
[25] EN  
[54] **WINDOW SHADE FOR VEHICLES**  
[54] **PARE-SOLEIL POUR VEHICULE**  
[72] JOHNSON, JENNIFER AGATHA, CA  
[71] JOHNSON, JENNIFER AGATHA, CA  
[22] 1999-10-01  
[43] 2001-04-01

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,285,486**  
[13] A1

[51] **Int.Cl. 6B60N 2/42 6B60N 2/26 6B62J 1/28**  
[25] EN  
[54] **EJECTABLE SAFETY SEAT STRUCTURE FOR RECREATIONAL-TYPE VEHICLES**  
[54] **STRUCTURE DE SIEGE DE SECURITE EJECTABLE POUR VEHICULES DE PLAISANCE**  
[72] MARTIN, MICHEL, CA  
[71] MARTIN, MICHEL, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,487**  
[13] A1

[51] **Int.Cl. 6A42B 3/00**  
[25] EN  
[54] **FLEXIBLE HELMET**  
[54] **CASQUE MULTITAILLE**  
[72] ALTER, LLOYD, CA  
[71] ALTER, LLOYD, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,490**  
[13] A1

[51] **Int.Cl. 6A61K 31/205 6A61K 45/06 6A23K 1/16 6A23L 1/30 6A61K 7/40**  
[25] EN  
[54] **COMPOSITION FOR IMPROVEMENT OF CELLULAR NUTRITION AND MITOCHONDRIAL ENERGETICS**  
[54] **COMPOSITION POUR AMELIORER LA NUTRITION DES CELLULES ET LA CAPACITE ENERGETIQUE DES MITOCHONDRIES**  
[72] SOLE, MICHAEL J., CA  
[72] JEEJEEBHOY, KHURSHEED N., CA  
[71] SOLE, MICHAEL J., CA  
[71] JEEJEEBHOY, KHURSHEED N., CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,507**  
[13] A1

[51] **Int.Cl. 6H01J 65/04**  
[25] EN  
[54] **PHOSPHOROUS FLUORESCENT LIGHT ASSEMBLY EXCITED BY LIGHT EMITTING DIODES**  
[54] **ENSEMBLE D'ECLAIRAGE FLUORESCENT AU PHOSPHORE EXCITE PAR DIODES ELECTROLUMINESCENTES**  
[72] ECKELS, PAUL, US  
[72] PYRTLE, RANDY, US  
[72] LAMBETH, DANNY, US  
[72] BACKLER, RANDY, US  
[72] WILLIAMS, MARK, US  
[72] ROBERTSON, ROGER, US  
[72] WELLER, PETER, US  
[71] H.E. WILLIAMS, INC., US  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,285,508**  
[13] A1

[51] **Int.Cl. 6A63B 71/14 6A41D 13/10**  
[25] EN  
[54] **ADJUSTABLE CUFF SYSTEM**  
[54] **POIGNET REGLABLE**  
[72] McDUFF, RODRIGUE, CA  
[71] SPORT MASKA INC., CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,510**  
[13] A1

[51] **Int.Cl. 6B21C 37/083 6B23K 31/00 6F16L 9/16**  
[25] EN  
[54] **CYLINDRICAL HELICAL SEAMED TUBE AND METHOD AND APPARATUS THEREFORE**  
[54] **TUBE CYLINDRIQUE HELICOIDAL A BORDS SERTIS, ET METHODE ET DISPOSITIF CONNEXES**  
[72] HARMS, GEORGE, CA  
[72] AKINS, Edward A., CA  
[71] HARMS, GEORGE, CA  
[71] AKINS, Edward A., CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,521**  
[13] A1

[51] **Int.Cl. 6E05F 5/00**  
[25] EN  
[54] **FRictionAL DOOR STOPPER**  
[54] **ARRETOIR DE PORTE A FRICITION**  
[72] VACHON, GILLES LOUIS JOSEPH, CA  
[71] VACHON, GILLES LOUIS JOSEPH, CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,523**  
[13] A1

[51] **Int.Cl. 6C07F 9/58 6C07F 15/00 6C08F 110/00 6C08F 210/16**  
[25] EN  
[54] **GROUP 8, 9 OR 10 OLEFIN COPOLYMERIZATION CATALYST**  
[54] **CATALYSEUR DE COPOLYMERISATION D'OLEFINES CONTENANT UN METAL DU GROUPE 8, 9 OU 10**  
[72] XU, WEI, CA  
[72] WANG, QINYAN, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,285,527**  
[13] A1

[51] **Int.Cl. 6A47L 13/50**  
[25] EN  
[54] **REPLACEABLE FILTER FOR USE IN CLEANING BUCKETS**  
[54] **FILTRE REMPLA \_ABLE POUR UTILISATION DANS LES SEAUX DE LAVAGE**  
[72] YOUNG, RONALD SCOT, US  
[71] SCOT YOUNG RESEARCH, INC., US  
[22] 1999-10-07  
[43] 2001-04-07

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Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,285,578**  
[13] A1  
[51] **Int.Cl. 6C07C 33/20 6C07C 201/12 6C07C 31/135 6C07C 205/19 6C07C 49/213 6C07D 333/22 6C07C 253/30 6C07C 67/31 6C07C 29/38 6C07C 205/45 6C07C 255/53 6C07C 45/69 6C07C 49/76 6C07C 69/76**  
[25] EN  
[54] **RHODIUM-CATALYZED ADDITION OF ALKENYL- AND ARYLTRIFLUOROBORATES TO ALDEHYDES AND ENONES**  
[54] **REACTIONS D'ADDITION, CATALYSEES PAR LE RHODIUM, DE TRIFLUOROBORATES ALCENILQUES ET ARYLIQUES A DES ALDEHYDES ET DES ENONES**  
[72] SMIL, DAVID V., CA  
[72] THADANI, AVINASH N., CA  
[72] BATEY, ROBERT A., CA  
[71] INNOVATIONS FOUNDATION, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,586**  
[13] A1  
[51] **Int.Cl. 6F04B 43/00**  
[25] EN  
[54] **DIAPHRAGM ACTIVATED COMPRESSION PUMP**  
[54] **POMPE DE COMPRESSION ACTIONNEE PAR UNE MEMBRANE**  
[72] LO, CHI-CHUNG, TW  
[71] LO, CHI-CHUNG, TW  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,607**  
[13] A1  
[51] **Int.Cl. 6A63H 3/28**  
[25] EN  
[54] **PRAYER DOLLS**  
[54] **POUPEES DE PRIERES**  
[72] JIMENEZ, CONCETTA L., CA  
[71] JIMENEZ, CONCETTA L., CA  
[22] 1999-10-01  
[43] 2001-04-01

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[21] **2,285,646**  
[13] A1  
[51] **Int.Cl. 6A41D 27/04**  
[25] EN  
[54] **PANTLINER**  
[54] **PROTEGE-SLIP**  
[72] EARLE, ESTHER, CA  
[71] EARLE, ESTHER, CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,651**  
[13] A1  
[51] **Int.Cl. 6B60P 7/02 6B62D 33/04**  
[25] EN  
[54] **TONNEAU COVER**  
[54] **BACHE DE CAMIONNETTE**  
[72] HOPLOCK, BURNIE, CA  
[71] KBS INDUSTRIES LTD., CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,690**  
[13] A1  
[51] **Int.Cl. 7C12N 15/11 7C07K 14/47 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **GENE NECESSARY FOR STRIATAL FUNCTION AND USES THEREOF**  
[54] **GENE NECESSAIRE A LA FONCTION DU STRIATUM ET UTILISATIONS CONNEXES**  
[72] ROBERTSON, HAROLD A., CA  
[72] DENOVAN-WRIGHT, EILEEN M., CA  
[71] NOVANEURON INC., CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,697**  
[13] A1  
[51] **Int.Cl. 6E04F 13/14 6E04F 13/00 6E04C 2/20**  
[25] EN  
[54] **STONE WALL FACING**  
[54] **REVETEMENT DE MUR EN PIERRE**  
[72] SANDY, HOWARD MICHAEL, CA  
[71] SANDY, HOWARD MICHAEL, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,285,699**  
[13] A1  
[51] **Int.Cl. 6A41D 3/00**  
[25] EN  
[54] **COVERALL GARMENT**  
[54] **COMBINAISON**  
[72] MILLER, DOROTHY JUNE, CA  
[71] MILLER, DOROTHY JUNE, CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,285,717**  
[13] A1  
[51] **Int.Cl. 6E04C 2/08 6B21B 1/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING STRIP MATERIAL**  
[54] **METHODE ET APPAREIL POUR PRODUIRE DES MATERIAUX EN BANDE**  
[72] NIKITENKO, EVGUENI, CA  
[72] CASEY, VERNON JAMES, CA  
[71] DOFASCO INC., CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,720**  
[13] A1  
[51] **Int.Cl. 6C23C 16/34**  
[25] EN  
[54] **NITRIDING PROCESS**  
[54] **PROCESSUS DE NITRURATION**  
[72] GEORGES, JEAN, LU  
[71] PLASMA METAL S.A., LU  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,285,723**  
[13] A1  
[51] **Int.Cl. 6C08F 210/16 6C08L 23/16 6C08L 23/18**  
[25] EN  
[54] **MULTIMODAL POLYOLEFIN PIPE**  
[54] **TUYAU EN POLYOLEFINE A DISTRIBUTION MULTIMODALE DE MASSES MOLECULAIRES**  
[72] KAZAKOV, ALEXEI, CA  
[72] GRABOW, STAN ALLAN, CA  
[72] BROWN, STEPHEN JOHN, CA  
[72] DOBBIN, CHRISTOPHER JOHN BROOKE, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
[22] 1999-10-07  
[43] 2001-04-07

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,285,799**  
[13] A1

[51] **Int.Cl. 6A63B 67/02 6A63B 67/00**  
[25] EN  
[54] **GOLF COURSE AND METHOD OF PLAY**  
[54] **TERRAIN DE GOLF ET METHODE DE JEU**  
[72] McBRIDE, SCOTT, CA  
[72] McBRIDE, EDWARD, CA  
[71] McBRIDE, SCOTT, CA  
[71] McBRIDE, EDWARD, CA  
[22] 1999-10-12  
[43] 2001-04-02

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[21] **2,286,376**  
[13] A1

[51] **Int.Cl. 6E06B 7/00 6E06B 5/00 6G02B 26/02**  
[25] EN  
[54] **SMART LIGHT FILTERING SYSTEM**  
[54] **SYSTEME DE CONTROLE ET D'EFFACEMENT POUR LE FILTRAGE DE LA LUMIERE**  
[72] BARATY, MOHAMMAD REZA, CA  
[71] BARATY, MOHAMMAD REZA, CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,286,383**  
[13] A1

[51] **Int.Cl. 6F17C 1/00 6F17C 13/00 6B65B 53/02**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR THERMORETRACTER UNE GAINÉ EN MATIERE SYNTHETIQUE SUR UNE BOUTEILLE DE GAZ ET BOUTEILLE OBTENUE**  
[54] **PROCESS AND DEVICE TO HEAT SHRINK A SYNTHETIC SLEEVE ON A GAS CYLINDER AND CYLINDER THUS OBTAINED**  
[72] COTTET, MICHEL, FR  
[71] COTTET, MICHEL, FR  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,286,393**  
[13] A1

[51] **Int.Cl. 6G08C 15/00 6G08C 19/00 6B60R 16/02**  
[25] FR  
[54] **MODULES DE RELAIS**  
[54] **RELAY MODULES**  
[72] GINGRAS, CHRISTIAN, CA  
[72] JULIEN, ANDRÉ, CA  
[72] ARTEAU, DANIEL, CA  
[71] GINGRAS, CHRISTIAN, CA  
[71] JULIEN, ANDRÉ, CA  
[71] ARTEAU, DANIEL, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,286,414**  
[13] A1

[51] **Int.Cl. 6G01N 33/532 6G01N 33/543 6G01N 33/566 6G01N 33/58 6C12Q 1/68**  
[25] EN  
[54] **NON-SEPARATION HETEROGENOUS ASSAY FOR BIOLOGICAL SUBSTANCE**  
[54] **DOSAGE HETEROGENE ET SANS SEPARATION DE SUBSTANCES BIOLOGIQUES**  
[72] GAN, ZHIBO, CA  
[71] GAN, ZHIBO, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,286,437**  
[13] A1

[51] **Int.Cl. 6B62D 55/24**  
[25] EN  
[54] **ADAPT-A-TRACK**  
[54] **CHENILLE**  
[72] BELZILE, LUC, CA  
[71] BELZILE, LUC, CA  
[22] 1999-10-05  
[43] 2001-04-05

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[21] **2,286,469**  
[13] A1

[51] **Int.Cl. 6E04H 4/14**  
[25] EN  
[54] **SWIMMING POOL PANEL MODULE WITH INTEGRAL UNIVERSAL ENCLOSURE AND SKIMMER**  
[54] **MODULE DE PANNEAUX DE PISCINE AVEC ENVELOPPE UNIVERSELLE INTEGREE ET ECUMOIRE**  
[72] LÉVEILLÉ, FRANÇOIS, CA  
[72] CARIGNAN, GUY, CA  
[71] LÉVEILLÉ, FRANÇOIS, CA  
[71] CARIGNAN, GUY, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,286,888**  
[13] A1

[51] **Int.Cl. 6B01D 21/08**  
[25] EN  
[54] **SETTLER PLATE SUPPORTS WITH INTEGRAL OUTLETS FOR INDIVIDUAL FLOW CHANNELS AND METHODS OF COLLECTING LIQUID FROM EACH FLOW CHANNEL**  
[54] **SUPPORTS DE PLAQUES DE DECANTEUR AVEC SORTIES INTEGRES POUR CANALISATIONS D'ÉCOULEMENT INDIVIDUELLES ET METHODES DE COLLECTE DU LIQUIDE DE CHAQUE CANALISATION D'ÉCOULEMENT**  
[72] MEURER, CHARLES LONNIE, US  
[71] MEURER INDUSTRIES, INC., US  
[22] 1999-10-15  
[43] 2001-04-07  
[30] US (P-101301) 1999-10-07

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[21] **2,286,936**  
[13] A1

[51] **Int.Cl. 6H04B 1/00 6H04R 3/00 6B60R 16/02 6H04Q 7/32**  
[25] EN  
[54] **I/O INPUT/OUTPUT SIGNAL TRANSFER DEVICE**  
[54] **DISPOSITIF DE TRANSFERT DE SIGNAL D'ENTREE/SORTIE (E/S)**  
[72] NEULANDER, JOHN I., CA  
[72] FITCHETT, BERTIE JAMES, CA  
[71] NEULANDER, JOHN I., CA  
[71] FITCHETT, BERTIE JAMES, CA  
[22] 1999-10-05  
[43] 2001-04-05

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**Canadian Laid-Open Applications**  
**April 1, 2001 - April 7, 2001**

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[21] **2,286,939**  
[13] A1

[51] **Int.Cl. 6G01B 21/20 6G01B 5/004**  
[25] EN  
[54] **METHOD & DEVICE FOR MEASURING PROFILE WITHOUT USE OF REFERENCE PROFILE**  
[54] **METHODE ET DISPOSITIF POUR MESURER UN PROFIL SANS UTILISATION D'UN PROFIL DE REFERENCE**  
[72] LILLEY, STEPHEN GERALD, N2  
[72] MILBURN, DOUGLAS IAN, N2  
[71] MILBURN RESEARCH SOLUTIONS INC., CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,287,062**  
[13] A1

[51] **Int.Cl. 6B63B 3/14 6B63B 17/00**  
[25] EN  
[54] **INTEGRATED HULL DEVICE**  
[54] **DISPOSITIF INTEGRE A LA COQUE**  
[72] HANCOTT, VINCENT, CA  
[71] HANCOTT, VINCENT, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,287,339**  
[13] A1

[51] **Int.Cl. 7B05D 5/08 7B60R 13/00 7B60R 27/00**  
[25] EN  
[54] **FUEL SAVING INVENTION FOR VEHICLES**  
[54] **ECONOMISEUR DE CARBURANT POUR VEHICULES**  
[72] BRANCATO, THOMAS W.F., CA  
[71] BRANCATO, THOMAS W.F., CA  
[22] 1999-10-06  
[43] 2001-04-06

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[21] **2,287,691**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6H04L 12/16**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR FINANCIAL MODELING**  
[54] **SYSTEMES ET METHODES DE MODELISATION FINANCIERE**  
[72] DWYER, DANIEL J., US  
[72] MARXEN, MICHAEL R., US  
[72] MURPHY, MICHAEL E., US  
[71] DIGITAL VISIONS, INC., US  
[22] 1999-10-28  
[43] 2001-04-07  
[30] US (09/414,059) 1999-10-07

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[21] **2,289,139**  
[13] A1

[51] **Int.Cl. 7G08C 17/02**  
[25] FR  
[54] **SYSTEME DE TRANSMISSION A DISTANCE CONCERNANT LA POSITION ET LES PARAMETRES DE FONCTIONNEMENT D'UN OBJET EN MOUVEMENT**  
[54] **REMOTE TRANSMISSION SYSTEM CONCERNING THE POSITION AND OPERATING PARAMETERS OF A MOVING OBJECT**  
[72] VOICU, GABRIEL, CA  
[71] VOICU, GABRIEL, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,289,272**  
[13] A1

[51] **Int.Cl. 6A46B 15/00**  
[25] FR  
[54] **APPAREIL DE BROSSAGE**  
[54] **BRUSHING DEVICE**  
[72] RISCO, RAUL IOAN, CA  
[71] RISCO, RAUL IOAN, CA  
[22] 1999-10-07  
[43] 2001-04-07

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[21] **2,290,550**  
[13] A1

[51] **Int.Cl. 7F17D 1/20 7E03F 3/00**  
[25] EN  
[54] **CONDUIT PUMP SYSTEM TO INCREASE WATER FLOW CAPACITY**  
[54] **DISPOSITIF DE POMPAGE DE CONDUITE AUGMENTANT LE DEBIT D'EAU**  
[72] RUSSELL, SAMUEL OLIVER, CA  
[72] LOUIE, ARTHUR JAMES, CA  
[71] CITY OF RICHMOND, CA  
[22] 1999-11-25  
[43] 2001-04-06  
[30] US (09/414,050) 1999-10-06

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[21] **2,292,029**  
[13] A1

[51] **Int.Cl. 7B67B 7/04**  
[25] EN  
[54] **TWO-PIECE APPARATUS FOR THE REMOVAL OF CORKS FROM WINE BOTTLES**  
[54] **APPAREIL DEUX-PIECES POUR ENLEVER LES BOUCHONS DE LIEGE DES BOUTEILLES DE VIN**  
[72] ALBERT, ELIDE, CA  
[71] ALBERT, ELIDE, CA  
[22] 1999-12-09  
[43] 2001-04-02

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[21] **2,292,274**  
[13] A1

[51] **Int.Cl. 7F25D 11/00 7F25D 16/00**  
[25] EN  
[54] **PORTABLE COMBINATION HYDRO COOLING AND FORCED REFRIGERATED AIR COOLING UNIT**  
[54] **UNITE PORTATIVE DE REFROIDISSEMENT COMBINEE PAR EAU ET PAR AIR FORCE REFRIGERE**  
[72] HEARNE, WILLIAM P., JR., US  
[71] HEARNE, WILLIAM P., JR., US  
[22] 1999-12-15  
[43] 2001-04-05  
[30] US (09/412,698) 1999-10-05

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,292,888**  
[13] A1

[51] **Int.Cl. 7C09D 161/14 7C09D 133/10 7C08L 33/10 7C08L 61/14**  
[25] EN  
[54] **POLYAMIDE SUBSTRATE HAVING STAIN RESISTANCE, COMPOSITION AND METHOD**  
[54] **SUBSTRAT POLYAMIDE RESISTANT AUX TACHES, COMPOSITION ET METHODE**  
[72] ELGARHY, YASSIN M., CA  
[72] ELGARHY, KARIM, CA  
[71] TRICHROMATIC CARPET INC., CA  
[22] 1999-12-20  
[43] 2001-04-01  
[30] US (09/410,082) 1999-10-01

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[21] **2,293,925**  
[13] A1

[51] **Int.Cl. 7H01S 5/40**  
[25] EN  
[54] **LASER DIODE ASSEMBLY**  
[54] **ENSEMBLE DE DIODES LASER**  
[72] CHAMPAGNE, YVES, CA  
[72] LABRANCHE, BRUNO, CA  
[72] BONNIER, DENI, CA  
[72] PARENT, ANDRÉ, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 1999-12-31  
[43] 2001-04-04  
[30] CA (2,284,946) 1999-10-04

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[21] **2,296,088**  
[13] A1

[51] **Int.Cl. 7F03B 7/00**  
[25] EN  
[54] **PADDLE OR TURBINE WATER WHEEL**  
[54] **ROUE A AUBES OU ROUE HYDRAULIQUE DE TYPE TURBINE**  
[72] CAMPBELL, COLIN, CA  
[71] CHRISTENSEN, JAMES ROBERT, CA  
[71] CAMPBELL, COLIN, CA  
[71] CAMPBELL, PEGGY, US  
[22] 2000-01-13  
[43] 2001-04-04  
[30] US (60/157,616) 1999-10-04

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[21] **2,296,129**  
[13] A1

[51] **Int.Cl. 7C02F 1/78**  
[25] EN  
[54] **DOMESTIC WATER TREATMENT APPLIANCE**  
[54] **APPAREIL MENAGER DE TRAITEMENT DE L'EAU**  
[72] CONRAD, WAYNE ERNEST, CA  
[71] FANTOM TECHNOLOGIES INC., CA  
[22] 2000-01-14  
[43] 2001-04-05  
[30] CA (2,285,152) 1999-10-05

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[21] **2,296,452**  
[13] A1

[51] **Int.Cl. 7A47C 3/029**  
[25] EN  
[54] **COLLAPSIBLE ROCKING CHAIR**  
[54] **CHAISE BERCEUSE PLIANTE**  
[72] CANTWELL, ROBERT ROGER, US  
[71] NORTH POLE LTD., HK  
[22] 2000-01-19  
[43] 2001-04-04  
[30] KR (99-21237) 1999-10-04

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[21] **2,298,123**  
[13] A1

[51] **Int.Cl. 7G01B 3/10**  
[25] EN  
[54] **AN INVENTERS DREAM TAPE MEASURE**  
[54] **UN METRE RUBAN IDEAL**  
[72] GAGNON, MARCEL, CA  
[71] GAGNON, MARCEL, CA  
[22] 1999-10-04  
[43] 2001-04-04

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[21] **2,299,222**  
[13] A1

[51] **Int.Cl. 7B27N 3/00**  
[25] EN  
[54] **PARTICLE BOARD AND METHOD OF MAKING THE SAME**  
[54] **PANNEAU DE PARTICULES ET METHODE DE FABRICATION**  
[72] KANEKO, SHINICHI, JP  
[71] NICHIIHA CO., LTD., JP  
[22] 2000-02-24  
[43] 2001-04-01  
[30] JP (281190/1999) 1999-10-01

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[21] **2,300,705**  
[13] A1

[51] **Int.Cl. 7A61B 8/12**  
[25] EN  
[54] **3D ULTRASOUND-GUIDED INTRAOPERATIVE PROSTATE BRACHYTHERAPY**  
[54] **CURIETHERAPIE 3D PEROPERATOIRE DE LA PROSTATE, EFFECTUEE SOUS ECHOGUIDAGE**  
[72] FENSTER, AARON, CA  
[72] DOWNEY, DONAL B., CA  
[71] LIFE IMAGING SYSTEMS INC., CA  
[22] 2000-03-13  
[43] 2001-04-01  
[30] US (09/411,546) 1999-10-01

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[21] **2,302,089**  
[13] A1

[51] **Int.Cl. 7B62D 5/00**  
[25] EN  
[54] **MECHANISM FOR CORRECT STEERING IN REVERSE**  
[54] **MECANISME PERMETTANT DE BIEN S'ORIENTER EN MARCHE ARRIERE**  
[72] GOEBERT, BARRY JOSEPH, US  
[72] HAYES, EUGENE GARY, US  
[72] MARCHESE, DAVID LEWIS, US  
[72] TEAL, RICHARD DONALD, US  
[72] HUTCHISON, WAYNE ROBERT, US  
[71] DEERE & COMPANY, US  
[22] 2000-03-24  
[43] 2001-04-05  
[30] US (09/412,924) 1999-10-05

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[21] **2,303,628**  
[13] A1

[51] **Int.Cl. 7B27C 9/00**  
[25] EN  
[54] **WOOD STRIP SANDING MACHINE**  
[54] **PONCEUSE POUR MOULURES EN BOIS**  
[72] BIRKETT, TERRI W., US  
[72] WILLIAMS, BUDDY E., US  
[71] HARRIS-TARKETT, INC., US  
[22] 2000-03-31  
[43] 2001-04-04  
[30] US (09/411,660) 1999-10-04

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Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,303,750**  
[13] A1  
[51] Int.Cl. 7C22C 38/40 7C22C 1/00  
7C22C 38/34 7C22C 38/44  
[25] EN  
[54] STAINLESS ALLOYS FOR  
ENHANCED CORROSION  
RESISTANCE  
[54] ALLIAGES INOXYDABLES  
POSSEDANT UNE RESISTANCE  
ACCRUE A LA CORROSION  
[72] RODDA, JOHN, CA  
[72] CAMERON, GORDON, CA  
[72] HODGSON, DAVID, CA  
[71] CECEBE TECHNOLOGIES INC., CA  
[22] 2000-04-06  
[43] 2001-04-07  
[30] EP (PCT/CA99/00942) 1999-10-07

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[21] **2,304,377**  
[13] A1  
[51] Int.Cl. 7C12N 15/11 7C07K 19/00  
7C12P 21/00 7C12N 15/12 7C07K 14/21  
7C07K 14/47 7C12N 15/62  
[25] EN  
[54] PEPTIDE REPEAT IMMUNOGENS  
[54] IMMUNOGENES A BASE DE  
REPETITIONS DE PEPTIDES  
[72] TING, CHUN-JEN, TW  
[72] HWANG, JAULANG, TW  
[72] HSU, CHIA-TSE, TW  
[71] ACADEMIA SINICA, TW  
[22] 2000-04-28  
[43] 2001-04-05  
[30] US (09/412,558) 1999-10-05

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[21] **2,304,997**  
[13] A1  
[51] Int.Cl. 7A42B 1/22 7A42B 1/04  
[25] EN  
[54] FREE-SIZE CAP  
[54] CASQUETTE AJUSTABLE  
[72] CHO, BYOUNG-WOO, KR  
[71] YUPOONG & CO., LTD., KR  
[22] 2000-04-11  
[43] 2001-04-07  
[30] KR (99-43326) 1999-10-07

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[21] **2,306,575**  
[13] A1  
[51] Int.Cl. 7B65H 75/10  
[25] EN  
[54] PAPER MILL CORE STRUCTURE  
FOR IMPROVED WINDING AND  
SUPPORT OF PAPER MILL ROLL  
[54] STRUCTURE DE MANDRIN DE  
PAPETERIE POUR AMELIORER LE  
BOBINAGE ET LE SUPPORT DES  
ROULEAUX  
[72] GERHARDT, TERRY, US  
[72] CAMP, WIM, NL  
[72] JOHNSON, CHARLES G., US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2000-04-25  
[43] 2001-04-04  
[30] US (09/411,522) 1999-10-04

---

[21] **2,307,751**  
[13] A1  
[51] Int.Cl. 7A45C 1/06  
[25] EN  
[54] CREDIT CARD CASE  
[54] ETUI POUR CARTES DE CREDIT  
[72] DAVIS, MATHEW, CA  
[71] DAVIS, MATHEW, CA  
[22] 2000-05-08  
[43] 2001-04-07  
[30] US (09/413,801) 1999-10-07

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[21] **2,309,478**  
[13] A1  
[51] Int.Cl. 7F16H 21/10 7B64C 13/28  
7F16H 21/44  
[25] EN  
[54] IMPROVEMENTS IN OR  
RELATING TO MOTOR LINKAGES  
[54] AMELIORATIONS AUX  
TRINGLERIES DE MOTEUR  
[72] CORNEY, JOHN MICHAEL, GB  
[71] BAE SYSTEMS ELECTRONICS  
LIMITED, GB  
[22] 2000-05-26  
[43] 2001-04-06  
[30] GB (9923469.2) 1999-10-06

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[21] **2,310,173**  
[13] A1  
[51] Int.Cl. 7A47K 10/16 7B65H 45/24  
7A47K 10/42  
[25] EN  
[54] STACK COMPRISING W-Z  
FOLDED SHEETS  
[54] PILE COMPOSEE DE FEUILLES  
PLIEES EN W-Z  
[72] HEATH, PETER, GB  
[71] PAPER CONVERTING MACHINE  
COMPANY, US  
[22] 2000-05-29  
[43] 2001-04-07  
[30] US (09/414,053) 1999-10-07

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[21] **2,310,350**  
[13] A1  
[51] Int.Cl. 7A62B 18/08 7A47J 41/00  
7A45F 3/16 7B65D 41/26 7B65D 81/38  
[25] EN  
[54] ADAPTER FOR PROVIDING  
FLUID CONTROL BETWEEN A  
CANTEEN AND FACE MASK FLUID  
TUBE  
[54] ADAPTATEUR PERMETTANT DE  
REGULER LE LIQUIDE ENTRE UNE  
GOURDE ET UN TUBE A LIQUIDE DE  
MASQUE FACIAL  
[72] BUCCI, KIMBERLEY, CA  
[72] SAVAGE, JOHN, CA  
[71] DEW ENGINEERING AND  
DEVELOPMENT LIMITED, CA  
[22] 2000-05-30  
[43] 2001-04-07  
[30] CA (2,285,491) 1999-10-07

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[21] **2,311,186**  
[13] A1  
[51] Int.Cl. 7H05B 37/02 7G05G 1/04  
[25] EN  
[54] TOGGLE AND SLIDE DIMMER  
SWITCH  
[54] INTERRUPTEUR A BASCULE  
AVEC GRADATEUR A COULISSE  
[72] RADOSAVLJEVIC, DEJAN, US  
[72] BURKE, ANDREA, US  
[72] BRYNDZIA, MICHAEL R., US  
[71] PASS & SEYMOUR, INC., US  
[22] 2000-06-12  
[43] 2001-04-01  
[30] US (09/410,457) 1999-10-01

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,311,644**  
[13] A1

[51] **Int.Cl. 7C08K 3/34**  
[25] EN  
[54] **ORGANOCLAY/POLYMER COMPOSITIONS WITH FLAME RETARDANT PROPERTIES**  
[54] **COMPOSITIONS D'ARGILE ORGANIQUE ET DE POLYMERES POSSEDANT DES PROPRIETES IGNIFUGES**  
[72] ROSS, MARK, US  
[72] KAIZERMAN, JACOB, US  
[71] RHEOX, INC., US  
[22] 2000-06-14  
[43] 2001-04-04  
[30] US (09/411,278) 1999-10-04

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[21] **2,311,844**  
[13] A1

[51] **Int.Cl. 7H04L 12/24**  
[25] EN  
[54] **APPARATUS AND METHOD OF MAINTAINING A ROUTE TABLE**  
[54] **APPAREIL ET METHODE DE MISE A JOUR D'UNE TABLE DE ROUTES**  
[72] CAIN, BRADLEY, US  
[72] HARDJONO, THOMAS, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-06-02  
[43] 2001-04-04  
[30] US (09/412,447) 1999-10-04

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[21] **2,313,344**  
[13] A1

[51] **Int.Cl. 7A01K 1/01**  
[25] EN  
[54] **SELF-CLEANING LITTER BOX**  
[54] **BOITE A LITIERE AUTONETTOYANTE**  
[72] SUGAHARA, ANDY, CA  
[71] SUGAHARA, ANDY, CA  
[22] 2000-07-04  
[43] 2001-04-04  
[30] US (09/411,859) 1999-10-04

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[21] **2,313,425**  
[13] A1

[51] **Int.Cl. 7F16H 48/20 7B60K 23/04**  
[25] EN  
[54] **AUTOMATIC DIFFERENTIAL LOCK**  
[54] **BLOPAGE AUTOMATIQUE DU DIFFERENTIEL**  
[72] PORTER, THOMAS ALAN, US  
[72] WERNER, GREGORY KEITH, US  
[71] DEERE & COMPANY, US  
[22] 2000-07-05  
[43] 2001-04-05  
[30] US (09/412,912) 1999-10-05

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[21] **2,313,439**  
[13] A1

[51] **Int.Cl. 7H04Q 11/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING TELEPHONE SERVICE USING TDM SWITCHES AND DATA TRANSPORT NETWORKS**  
[54] **APPAREIL ET METHODE DE PRESTATION DU SERVICE TELEPHONIQUE AU MOYEN D'AUTOCOMMUTEURS TEMPORELS ET DE RESEAUX DE TRANSPORT DE DONNEES**  
[72] SYLVAIN, DANY D., CA  
[72] LAKHANI, FAIZEL Z., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-07-06  
[43] 2001-04-04  
[30] US (09/411,842) 1999-10-04

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[21] **2,313,768**  
[13] A1

[51] **Int.Cl. 7G11B 13/04**  
[25] EN  
[54] **MAGNETIC OPTICAL MEMBER AND METHOD OF PRODUCING THE SAME**  
[54] **MEMBRE OPTIQUE MAGNETIQUE ET METHODE DE PRODUCTION DU MEMBRE**  
[72] KATO, HIDEKI, JP  
[72] ADACHI, SHIGEYUKI, JP  
[72] KITAMURA, ATSUSHI, JP  
[72] FUJII, TOSHITAKA, JP  
[72] INOUE, MITSUTERU, JP  
[72] TAKAYAMA, AKIO, JP  
[71] MINEBEA CO., LTD., JP  
[22] 2000-07-07  
[43] 2001-04-04  
[30] JP (11-283512) 1999-10-04

---

[21] **2,313,849**  
[13] A1

[51] **Int.Cl. 7E01H 5/06**  
[25] EN  
[54] **RETRACTABLE SNOW PLOW WING ASSEMBLY**  
[54] **AILE RETRACTABLE DE CHASSE-NEIGE**  
[72] NICKEL, JAMES RANDOLPH, CA  
[72] IRVING, DONALD EDWIN, CA  
[72] FURBER, KENNETH LAWRENCE, CA  
[72] IRVING, COLIN EDWIN, CA  
[71] CAPITAL I INDUSTRIES INC., CA  
[22] 2000-07-10  
[43] 2001-04-01  
[30] US (09/410,099) 1999-10-01

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[21] **2,314,093**  
[13] A1

[51] **Int.Cl. 7A63G 3/00 7B63B 35/76**  
[25] EN  
[54] **WATERPARK RECREATIONAL INSTALLATION WITH IMPROVED FLOTATION VESSEL**  
[54] **EQUIPEMENT POUR PARC D'ATTRACTIONS NAUTIQUES A DISPOSITIF FLOTTANT AMELIORE**  
[72] TRACY, WYETH G., CA  
[71] TRACY, WYETH G., CA  
[22] 2000-07-18  
[43] 2001-04-01  
[30] US (09/409,909) 1999-10-01

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[21] **2,314,393**  
[13] A1

[51] **Int.Cl. 7D21H 13/08**  
[25] EN  
[54] **WATER-DECOMPOSABLE FIBROUS SHEET OF HIGH RESISTANCE TO SURFACE FRICTION, AND METHOD FOR PRODUCING IT**  
[54] **FEUILLE FIBREUSE SE DECOMPOSANT DANS L'EAU ET POSSEDANT UNE RESISTANCE ELEVEE AU FROTTEMENT SUPERFICIEL, ET METHODE DE FABRICATION**  
[72] TANIO, TOSHIYUKI, JP  
[72] SHIMIZU, JYOJI, JP  
[72] KONISHI, TAKAYOSHI, JP  
[72] TAKEUCHI, NAOHITO, JP  
[72] OKADA, KAZUYA, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-07-24  
[43] 2001-04-06  
[30] JP (11-285655) 1999-10-06  
[30] JP (2000-99437) 2000-03-31

Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,314,399**  
[13] A1  
[51] **Int.Cl. 7A01G 31/00 7A01G 33/00**  
[25] EN  
[54] **BOTTOM SAND FOR GROWING AQUATIC PLANTS AND AQUARIUMS FOR GROWING AQUATIC PLANTS USING BOTTOM SAND**  
[54] **COUCHE DE SABLE POUR LA CULTURE DE PLANTES AQUATIQUES ET AQUARIUMS UTILISES POUR LA CULTURE DE PLANTES AQUATIQUES DANS UNE COUCHE DE SABLE**  
[72] HIROSE, MITSURU, JP  
[71] HIROSE CO., LTD., JP  
[22] 2000-07-20  
[43] 2001-04-07  
[30] JP (286806/1999) 1999-10-07  
[30] JP (299889/1999) 1999-10-21

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[21] **2,314,485**  
[13] A1  
[51] **Int.Cl. 7G01R 19/00**  
[25] EN  
[54] **ELECTRICAL CURRENT MEASUREMENT TRANSFORMERS BASED ON MECHANICAL WAVES**  
[54] **TRANSFORMATEURS DE MESURE DE COURANT ELECTRIQUE DONT LE FONCTIONNEMENT EST BASE SUR LES ONDES MECANIQUES**  
[72] MARTIN, JUAN ANTONIO  
TALAVERA, ES  
[71] UNIVERSIDAD PONTIFICIA COMILLAS, ES  
[22] 2000-07-20  
[43] 2001-04-01  
[30] ES (9902164) 1999-10-01

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[21] **2,314,488**  
[13] A1  
[51] **Int.Cl. 7B61F 5/12 7F16F 7/08**  
[25] EN  
[54] **FRICITION WEDGE FOR A RAILROAD CAR TRUCK HAVING A REPLACEABLE WEAR MEMBER**  
[54] **PATIN STABILISATEUR DE BOGIE DE WAGON DE CHEMIN DE FER MUNI D'UN ELEMENT D'USURE REMPLACABLE**  
[72] DUNCAN, SCOTT R., US  
[72] IRVING, ROBERT M., US  
[72] SKAWINSKI, VALERIAN S., US  
[71] NACO, INC., US  
[22] 2000-07-25  
[43] 2001-04-07  
[30] US (09/414,368) 1999-10-07

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[21] **2,314,522**  
[13] A1  
[51] **Int.Cl. 7F24C 15/00**  
[25] EN  
[54] **COOLING SYSTEM FOR A COOKING APPLIANCE**  
[54] **SYSTEME DE REFROIDISSEMENT D'APPAREIL DE CUISSON**  
[72] MCGUFFEY, NORMAN T., US  
[72] BENNETT, PERRY A., US  
[72] BARNES, SHELTON T., US  
[71] MAYTAG CORPORATION, US  
[22] 2000-07-24  
[43] 2001-04-05  
[30] US (09/412,433) 1999-10-05

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[21] **2,314,650**  
[13] A1  
[51] **Int.Cl. 7H03K 17/00 7H04J 3/02**  
[25] EN  
[54] **COMBINED SELECTOR SWITCH AND SERIAL MULTI-GB/S DATA PULSE RECEIVER**  
[54] **ENSEMBLE SELECTEUR ET RECEPTEUR D'IMPULSIONS DE DONNEES SERIE A PLUSIEURS GIGAOCTETS PAR SECONDE**  
[72] PALACHARLA, PAPAARAO, CA  
[72] BROWN, ANTHONY D., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-07-26  
[43] 2001-04-06  
[30] US (09/412,609) 1999-10-06

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[21] **2,314,749**  
[13] A1  
[51] **Int.Cl. 7F02C 9/26**  
[25] EN  
[54] **GAS TURBINE AEROENGINE CONTROL SYSTEM**  
[54] **SYSTEME DE REGULATION DE MOTEUR A TURBINE A GAZ POUR AERONEF**  
[72] HATTORI, YUICHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-07-28  
[43] 2001-04-05  
[30] JP (11-284471) 1999-10-05

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[21] **2,314,751**  
[13] A1  
[51] **Int.Cl. 7F02C 9/00**  
[25] EN  
[54] **GAS TURBINE AEROENGINE CONTROL SYSTEM**  
[54] **SYSTEME DE REGULATION DE MOTEUR A TURBINE A GAZ POUR AERONEF**  
[72] MURAMATSU, HIRONORI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-07-28  
[43] 2001-04-05  
[30] JP (11-284473) 1999-10-05

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[21] **2,314,752**  
[13] A1  
[51] **Int.Cl. 7F02C 9/00 7F02C 9/26**  
[25] EN  
[54] **GAS TURBINE AEROENGINE CONTROL SYSTEM**  
[54] **SYSTEME DE REGULATION DE MOTEUR A TURBINE A GAZ POUR AERONEF**  
[72] TSUZUKI, SADACHIKA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-07-28  
[43] 2001-04-05  
[30] JP (11-284472) 1999-10-05

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[21] **2,314,814**  
[13] A1  
[51] **Int.Cl. 7C08L 31/02 7C08L 23/06**  
[25] EN  
[54] **POLYMER COMPOSITION BASED ON CROSSLINKABLE POLYOLEFINS WITH HIGH SERVICE THERMAL COEFFICIENT IN AUTOMOTIVE CABLES AND MANUFACTURING PROCESS THEREOF**  
[54] **COMPOSITION POLYMERE A BASE DE POLYOLEFINES RETICULABLES AYANT UN COEFFICIENT THERMIQUE DE FONCTIONNEMENT ELEVE DANS DES CABLES AUTOMOBILES ET PROCEDE POUR SA FABRICATION**  
[72] LABASTIDA, SANCHEZ FERNANDO, MX  
[72] PEREZ, SANCHEZ ALFONSO, MX  
[71] SERVICIOS CONDUMEX S.A. DE C.V., MX  
[22] 2000-08-02  
[43] 2001-04-07  
[30] MX (9909174) 1999-10-07

**Demandes canadiennes mises à la disponibilité du public**

**1 avril 2001 - 7 avril 2001**

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[21] **2,315,446**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 12/02**  
[25] EN  
[54] **EXTERNAL JOB SCHEDULING WITH A DISTRIBUTED PROCESSING SYSTEM HAVING A LOCAL JOB CONTROL SYSTEM**  
[54] **ORDONNANCEMENT EXTERNE DE TRAVAUX POUR SYSTEME DE TRAITEMENT REPARTI DOTE D'UN SYSTEME LOCAL DE GESTION DES TRAVAUX**  
[72] SKOVIRA, JOSEPH FRANCIS, US  
[72] BRELSFORD, DAVID PAUL, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-08-10  
[43] 2001-04-05  
[30] US (09/412,932) 1999-10-05

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[21] **2,316,007**  
[13] A1

[51] **Int.Cl. 7B29D 30/52 7B60C 1/00**  
[25] EN  
[54] **EXTRUDABLE RETREAD TIRE SPLICING**  
[54] **EPISSURE DE PNEU RECHAPE EXTRUDABLE**  
[72] MAJUMDAR, RAMENDRA NATH, US  
[72] COWLING, TEDDY BEN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-08-15  
[43] 2001-04-05  
[30] US (09/412,302) 1999-10-05

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[21] **2,316,129**  
[13] A1

[51] **Int.Cl. 7B29D 30/52 7B29D 30/62**  
[25] EN  
[54] **SYNTHETIC RUBBER BLEND TIRE CUSHION**  
[54] **COUSSIN DE PNEU FABRIQUE A PARTIR D'UN MELANGE DE CAOUTCHOUC SYNTHETIQUE**  
[72] MAJUMDAR, RAMENDRA NATH, US  
[72] WHITE, JOHN RICHARD, US  
[72] COWLING, TEDDY BEN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-08-15  
[43] 2001-04-05  
[30] US (09/412,955) 1999-10-05

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[21] **2,316,496**  
[13] A1

[51] **Int.Cl. 7G02F 1/313**  
[25] EN  
[54] **ADAPTIVE OPTICAL WAVEGUIDE ROUTER**  
[54] **ROUTEUR ADAPTATIF POUR GUIDE D'ONDES OPTIQUES**  
[72] MCGARRY, STEVEN P., CA  
[72] MACPHERSON, CHARLES D., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-08-17  
[43] 2001-04-05  
[30] US (09/412,437) 1999-10-05

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[21] **2,316,718**  
[13] A1

[51] **Int.Cl. 7E06B 1/12**  
[25] EN  
[54] **FENESTRATION CORNER LOCK**  
[54] **PIECE D'ANGLE DE VERROUILLAGE POUR FENESTRAGE**  
[72] SCHIRZ, ANDREW P., US  
[72] SCHARFF, JOHN, US  
[72] GONNERMAN, MICHAEL, US  
[71] PELLA CORPORATION, US  
[22] 2000-08-25  
[43] 2001-04-05  
[30] US (09/412,549) 1999-10-05

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[21] **2,317,176**  
[13] A1

[51] **Int.Cl. 7B42F 13/36**  
[25] EN  
[54] **BINDER SECURITY LOCK**  
[54] **MECANISME DE VERROUILLAGE DE RELIURE**  
[72] MEHTA, NANDAN R., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-08-31  
[43] 2001-04-05  
[30] US (09/412,968) 1999-10-05

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[21] **2,317,196**  
[13] A1

[51] **Int.Cl. 7F16K 31/05 7B60K 15/05**  
[25] EN  
[54] **ROTARY FUEL FILLER VALVE ACTUATOR**  
[54] **POUSSOIR DE REMPLISSAGE DE RESERVOIR DE CARBURANT ROTATIF**  
[72] PARKER, ERIC G., US  
[72] SIMDON, CRAIG L., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-08-31  
[43] 2001-04-04  
[30] US (09/411,953) 1999-10-04

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[21] **2,317,197**  
[13] A1

[51] **Int.Cl. 7A62B 35/00**  
[25] EN  
[54] **STRAP RETAINER FOR CHILD SEATBELTS**  
[54] **DISPOSITIF DE FIXATION DE CEINTURE DE SECURITE POUR ENFANTS**  
[72] PONTAOE, JOHN S., US  
[72] GIAMPAVOLO, PAUL F., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-08-31  
[43] 2001-04-01  
[30] US (09/410,539) 1999-10-01

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[21] **2,317,298**  
[13] A1

[51] **Int.Cl. 7F16B 13/10**  
[25] EN  
[54] **BLIND APERTURE FASTENER**  
[54] **FIXATION POUR EVIDEMENT AVEUGLE**  
[72] LEVEY, KEN, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-08-31  
[43] 2001-04-05  
[30] US (09/412,277) 1999-10-05

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Canadian Laid-Open Applications  
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[21] **2,317,373**  
[13] A1  
[51] **Int.Cl. 7B01D 39/16 7B01D 46/52**  
[25] EN  
[54] **AIR FILTER MEDIUM, AIR FILTER PACK AND AIR FILTER UNIT COMPRISING THE SAME, AND METHOD FOR PRODUCING AIR FILTER MEDIUM**  
[54] **MILIEU POUR FILTRE A AIR, DISPOSITIF POUR FILTRE A AIR ET UNITE DE FILTRATION D'AIR COMPORTANT CE DISPOSITIF ET METHODE POUR PRODUIRE CE MILIEU POUR FILTRE A AIR**  
[72] KIYOTANI, HIDEYUKI, JP  
[72] TANAKA, OSAMU, JP  
[72] INUI, KUNIHICO, JP  
[72] SHIBUYA, YOSHIYUKI, JP  
[71] DAIKIN INDUSTRIES, LTD., JP  
[22] 2000-09-05  
[43] 2001-04-07  
[30] JP (286664/1999) 1999-10-07  
[30] JP (156434/2000) 2000-05-26

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[21] **2,317,384**  
[13] A1  
[51] **Int.Cl. 7H01R 13/514 7H01R 24/02 7H01R 12/14**  
[25] EN  
[54] **MODULAR CONNECTOR**  
[54] **CONNECTEUR MODULAIRE**  
[72] BURGER, DONALD, US  
[72] SKOPIC, ALBERT, US  
[71] OSRAM SYLVANIA INC., US  
[22] 2000-09-07  
[43] 2001-04-04  
[30] US (60/157,694) 1999-10-04  
[30] US (09/634,200) 2000-08-09

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[21] **2,317,670**  
[13] A1  
[51] **Int.Cl. 7F15B 13/06 7A01G 23/08**  
[25] EN  
[54] **HYDRAULIC CIRCUITS FOR TREE-HARVESTING KNUCKLE BOOMS**  
[54] **CIRCUITS HYDRAULIQUES DE FLECHES ARTICULEES DE MOISSONNEUSES D'ARBRES**  
[72] KURELEK, JOHN, CA  
[71] KURELEK, JOHN, CA  
[22] 2000-09-06  
[43] 2001-04-04  
[30] US (60/157,125) 1999-10-04

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[21] **2,317,906**  
[13] A1  
[51] **Int.Cl. 7G01N 21/89 7G06T 7/00 7H04N 7/18**  
[25] EN  
[54] **VISION SYSTEM FOR INDUSTRIAL PARTS**  
[54] **SYSTEME DE VISION POUR PIECES INDUSTRIELLES**  
[72] GOCHAR, JOSEPH P., JR., US  
[71] LOGICAL SYSTEMS INCORPORATED, US  
[22] 2000-09-07  
[43] 2001-04-07  
[30] US (09/411,674) 1999-10-07

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[21] **2,318,712**  
[13] A1  
[51] **Int.Cl. 7E04C 5/18 7E04B 1/38**  
[25] EN  
[54] **BUILDERS' FITTING ARRANGEMENT**  
[54] **ATTACHE POUR BATIMENT**  
[72] OSU, KAZUTO, JP  
[72] OSU, KAZUAKI, JP  
[71] OSU, KAZUTO, JP  
[71] OSU, KAZUAKI, JP  
[22] 2000-09-13  
[43] 2001-04-05  
[30] JP (11-283709) 1999-10-05  
[30] JP (11-335414) 1999-11-26

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[21] **2,319,168**  
[13] A1  
[51] **Int.Cl. 7C12N 15/11 7C12Q 1/68 7C12N 15/70 7C12N 15/87 7C12N 15/90**  
[25] EN  
[54] **HYPERACTIVE MUTANTS OF HIMARI TRANSPOSASE AND METHODS FOR USING THE SAME**  
[54] **MUTANTS HYPERACTIFS DE LA TRANSPOSASE HIMARI ET METHODES POUR LEUR UTILISATION**  
[72] RUBIN, ERIC J., US  
[72] AKERLEY, BRIAN J., US  
[72] LAMPE, DAVID J., US  
[72] ROBERTSON, HUGH M., US  
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US  
[22] 2000-09-27  
[43] 2001-04-01  
[30] US (60/157,680) 1999-10-01

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[21] **2,319,288**  
[13] A1  
[51] **Int.Cl. 7G01V 15/00 7G07D 7/04**  
[25] EN  
[54] **APPARATUS FOR AUTHENTICATING PRODUCTS AND AUTHORIZING PROCESSES USING THE MAGNETIC PROPERTIES OF A MARKER**  
[54] **APPAREIL FONCTIONNANT A L'AIDE DES PROPRIETES MAGNETIQUES D'UN MARQUEUR POUR AUTHENTIFIER DES PRODUITS ET AUTORISER DES PROCEDES**  
[72] ROSEMAN, MARK A., CA  
[72] ROSEMAN, MORTON F., CA  
[71] ROSEMAN, MARK A., CA  
[71] ROSEMAN, MORTON F., CA  
[22] 2000-09-14  
[43] 2001-04-05  
[30] US (09/412,522) 1999-10-05

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[21] **2,319,663**  
[13] A1  
[51] **Int.Cl. 7F02C 3/34**  
[25] EN  
[54] **GAS TURBINE SYSTEM AND COMBINED PLANT COMPRISING THE SAME**  
[54] **TURBINE A GAZ AVEC INSTALLATION COMBINEE**  
[72] MORI, HIDETAKA, JP  
[72] MANDAI, SHIGEMI, JP  
[72] AKITA, EIJI, JP  
[72] SUGISHITA, HIDEAKI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-09-15  
[43] 2001-04-05  
[30] JP (11-284721) 1999-10-05

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,319,716**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12P 13/04 7C12P 13/08 7C12N 1/20 7C12P 19/34**  
[25] EN  
[54] **NEW NUCLEOTIDE SEQUENCES WHICH CODE FOR THE ENO GENE**  
[54] **NOUVELLES SEQUENCES NUCLEOTIDIQUES CODANT POUR LE GENE ENO**  
[72] MOCKEL, BETTINA, DE  
[72] PFEFFERLE, WALTER, DE  
[72] PUHLER, ALFRED, DE  
[72] HERMANN, THOMAS, DE  
[72] BATHE, BRIGITTE, DE  
[72] KALINOWSKI, JORN, DE  
[71] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 2000-10-04  
[43] 2001-04-05  
[30] DE (199 47 791.4) 1999-10-05

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[21] **2,319,722**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12P 13/04 7C12P 13/06 7C12P 13/08 7C12N 1/20 7C12P 19/34**  
[25] EN  
[54] **NOVEL NUCLEOTIDE SEQUENCES CODING FOR THE LRP GENE**  
[54] **SEQUENCES NUCLEOTIDIQUES NOUVELLES CODANT POUR LE GENE LRP**  
[72] BATHE, BRIGITTE, DE  
[72] PFEFFERLE, WALTER, DE  
[72] KALINOWSKI, JORN, DE  
[72] PUHLER, ALFRED, DE  
[72] MOCKEL, BETTINA, DE  
[71] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 2000-10-04  
[43] 2001-04-05  
[30] DE (199 47 792.2) 1999-10-05

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[21] **2,319,851**  
[13] A1

[51] **Int.Cl. 7B23K 9/173**  
[25] FR  
[54] **PROCEDE ET INSTALLATION DE SOUDAGE MIG DE L'ALUMINIUM ET DE SES ALLIAGES**  
[54] **PROCESS AND INSTALLATION OF MIG WELDING OF ALUMINUM AND ITS ALLOYS**  
[72] LEFEBVRE, PHILIPPE, FR  
[72] BISKUP, LAURENT, FR  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2000-09-22  
[43] 2001-04-05  
[30] FR (99 12403) 1999-10-05

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[21] **2,319,853**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7C12N 5/04 7C12N 5/10 7C12N 15/10 7C07K 14/415 7C12N 15/82**  
[25] EN  
[54] **FLORAL HOMEOTIC GENES FOR MANIPULATION OF FLOWERING IN POPLAR TREES AND OTHER PLANT SPECIES**  
[54] **GENES HOMEOTIQUES FLORAUX POUR LA MANIPULATION DE LA FLORAISON DU PEUPLIER ET D'AUTRES ESPECES VEGETALES**  
[72] ROTTMAN, WILLIAM H., US  
[72] STRAUSS, STEVEN H., US  
[72] BRUNNER, AMY M., US  
[72] SHEPPARD, LORRAINE A., US  
[71] THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUC, US  
[22] 2000-10-02  
[43] 2001-04-01  
[30] US (09/410,464) 1999-10-01

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[21] **2,319,935**  
[13] A1

[51] **Int.Cl. 7G03G 15/20**  
[25] EN  
[54] **WOVEN BELTS FOR BUSINESS MACHINES**  
[54] **COURROIES TISSEES DE MACHINES COMMERCIALES**  
[72] BATTAT, DAVID, US  
[72] BOWLER, EDWARD F., JR., US  
[72] BLASZAK, JOSEPH R., US  
[72] SCHLUETER, EDWARD L, JR., US  
[71] XEROX CORPORATION, US  
[22] 2000-09-20  
[43] 2001-04-04  
[30] US (09/411,271) 1999-10-04

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[21] **2,319,936**  
[13] A1

[51] **Int.Cl. 7H02G 1/00 7H01R 13/00 7G02B 6/46**  
[25] EN  
[54] **CABLE CONTROL APPARATUS FOR LIMITING THE MOVEMENT OF OPTICAL FIBERS**  
[54] **APPAREIL DE COMMANDE LIMITANT LE MOUVEMENT DES CABLES A FIBRES OPTIQUES**  
[72] BUABBUD, GEORGE H., US  
[72] ABBOTT, GEORGE G., US  
[71] MARCONI COMMUNICATIONS, INC., US  
[22] 2000-09-20  
[43] 2001-04-04  
[30] US (09/411,024) 1999-10-04

---

[21] **2,319,941**  
[13] A1

[51] **Int.Cl. 7F01N 7/10**  
[25] EN  
[54] **FLOW DEFLECTOR MEMBER FOR EXHAUST MANIFOLD**  
[54] **ELEMENT DE DEFLECTEUR DE COLLECTEUR D'ECHAPPEMENT**  
[72] KETELHUT, THOMAS, US  
[72] STEMPIEN, VINCENT, US  
[72] KENYON, PAUL W., US  
[71] MASCOTECH TUBULAR PRODUCTS, INC., US  
[22] 2000-09-18  
[43] 2001-04-07  
[30] US (09/414,396) 1999-10-07

---

[21] **2,319,955**  
[13] A1

[51] **Int.Cl. 7A61F 2/18 7H04R 25/02**  
[25] EN  
[54] **ARRANGEMENT FOR MECHANICAL COUPLING OF A DRIVER TO A COUPLING SITE OF THE OSSICULAR CHAIN**  
[54] **DISPOSITIF DE RACCORD MECANIQUE D'UN EXCITATEUR A UN SITE DE RACCORDEMENT DE LA CHAINE OSSICULAIRE**  
[72] MULLER, GERD M., DE  
[71] IMPLEX AKTIENGESELLSCHAFT HEARING TECHNOLOGY, DE  
[22] 2000-09-18  
[43] 2001-04-07  
[30] DE (199 48 375.2) 1999-10-07

Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

[21] **2,319,995**  
[13] A1

[51] **Int.Cl. 7H04B 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUPPRESSING AUDIBLE NOISE IN SPEECH TRANSMISSION**  
[54] **METHODE ET APPAREILLAGE POUR SUPPRIMER LE BRUIT AUDIBLE EN TRANSMISSION VOCALE**  
[72] RUWISCH, DIETMAR, DE  
[71] CORTOLOGIC AG, DE  
[22] 2000-09-20  
[43] 2001-04-06  
[30] DE (199 48 308.6) 1999-10-06

[21] **2,320,067**  
[13] A1

[51] **Int.Cl. 7B62D 33/03**  
[25] EN  
[54] **TAILGATE LOWERING MECHANISM**  
[54] **MECANISME D'ABAISSEMENT DE HAYON**  
[72] BOWERS, JERALD A., US  
[71] BOWERS, JERALD A., US  
[22] 2000-09-19  
[43] 2001-04-06  
[30] US (09/413,316) 1999-10-06

[21] **2,320,400**  
[13] A1

[51] **Int.Cl. 7A61K 31/7088 7A61K 48/00 7C12Q 1/00 7A61K 45/06 7A61K 31/495 7A61K 31/65 7C12Q 1/68**  
[25] EN  
[54] **GENE NECESSARY FOR STRIATAL FUNCTION AND USES THEREOF, AND COMPOUNDS FOR MODULATING SAME**  
[54] **GENE NECESSAIRE A LA FONCTION DU STRIATUM ET UTILISATIONS CONNEXES, ET COMPOSES UTILISES POUR LA MODULATION DE CE GENE**  
[72] DENOVAN-WRIGHT, EILEEN M., CA  
[72] ROBERTSON, HAROLD A., CA  
[71] NOVANEURON INC., CA  
[22] 2000-10-06  
[43] 2001-04-07  
[30] CA (2,285,690) 1999-10-07  
[30] US (60/217,765) 2000-07-12

[21] **2,320,502**  
[13] A1

[51] **Int.Cl. 7B01J 49/00**  
[25] EN  
[54] **IMPROVED WATER SOFTENER SALT FORMULATION**  
[54] **COMPOSITION AMELIOREE DE SEL ADOUCISSEUR D'EAU**  
[72] WAATTI, KURT JOHN, US  
[72] KUHAJEK, EUGENE JAMES, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2000-09-18  
[43] 2001-04-01  
[30] US (09/410,313) 1999-10-01

[21] **2,320,539**  
[13] A1

[51] **Int.Cl. 7A61B 18/14 7A61B 18/00**  
[25] EN  
[54] **ARTICULATING IONIZABLE GAS COAGULATOR**  
[54] **UNITE ARTICULEE DE COAGULATION A GAZ IONISABLE**  
[72] PLATT, ROBERT, US  
[71] SHERWOOD SERVICES AG, US  
[22] 2000-09-25  
[43] 2001-04-05  
[30] US (60/157,743) 1999-10-05

[21] **2,320,593**  
[13] A1

[51] **Int.Cl. 7C04B 38/10 7B28B 1/52**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING AN INORGANIC FOAM STRUCTURE FOR USE AS A DURABLE ACOUSTICAL PANEL**  
[54] **METHODE ET APPAREIL DE PRODUCTION D'UNE STRUCTURE EN MOUSSE INORGANIQUE POUVANT ETRE UTILISEE COMME PANNEAU ACOUSTIQUE DURABLE**  
[72] PUTT, DEAN L., US  
[72] HARTMAN, JOHN J., JR., US  
[72] HALLETT, CHESTER W., US  
[72] MOSER, ANDREA M., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (60/157,269) 1999-10-01  
[30] US (60/157,301) 1999-10-01  
[30] US (60/179,367) 2000-01-31  
[30] US (60/179,385) 2000-01-31  
[30] US (60/179,420) 2000-01-31

[21] **2,320,600**  
[13] A1

[51] **Int.Cl. 7A61B 17/11**  
[25] EN  
[54] **ANASTOMOSIS INSTRUMENT AND METHOD FOR PERFORMING SAME**  
[54] **INSTRUMENT POUR L'ANASTOMOSE ET METHODE D'EXECUTION**  
[72] NICHOLAS, DAVID A., US  
[72] MANZO, SCOTT E., US  
[72] SNIFFEN, KEVIN, US  
[72] HINCHLIFFE, PETER, US  
[72] MILLIMAN, KEITH, US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (09/410,817) 1999-10-01

[21] **2,320,613**  
[13] A1

[51] **Int.Cl. 7H04Q 3/52 7H04J 14/02 7H04Q 11/02**  
[25] EN  
[54] **SWITCH FOR OPTICAL SIGNALS**  
[54] **COMMUTATEUR DE SIGNAUX OPTIQUES**  
[72] SPAGNOLETTI, ROBERT WILLIAM, GB  
[72] ROORDA, PETER, GB  
[72] BAKER, NIGEL, GB  
[72] GRAVES, ALAN F., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-09-21  
[43] 2001-04-06  
[30] CA (2,285,128) 1999-10-06  
[30] US (09/511,065) 2000-02-23

[21] **2,320,616**  
[13] A1

[51] **Int.Cl. 7C04B 35/634**  
[25] EN  
[54] **METHOD FOR PREPARING CERAMIC COMPOSITIONS**  
[54] **METHODE POUR PREPARER DES COMPOSITIONS CERAMIQUES**  
[72] MOLNAR, LINDA KATHERINE, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2000-09-21  
[43] 2001-04-05  
[30] US (60/157,704) 1999-10-05

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,320,629**  
[13] A1

[51] **Int.Cl. 7B64C 27/32**  
[25] EN  
[54] **PROP ROTOR HUB**  
[54] **MOYEU DE ROTOR**  
[72] SCHELLHASE, ERNEST C., US  
[72] BROEKHUIZEN, WILLEM, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (09/410,640) 1999-10-01

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[21] **2,320,635**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04Q 7/32**  
[25] EN  
[54] **MOBILE TELECOMMUNICATIONS DEVICE HAVING MULTIPLE DIRECTORY NUMBER CAPABILITY**  
[54] **DISPOSITIF DE TELECOMMUNICATIONS MOBILE AVEC CAPACITE DE NUMEROS D'ANNUAIRES MULTIPLES**  
[72] SHARMA, PRADEEP KUMAR, US  
[72] LI, PATRICK, SG  
[72] MUKERJEE, SANDIP, US  
[72] SHELHAMER, KENNETH WAYNE, US  
[72] MACNAMARA, JOHN J., US  
[72] FARHANG, BIJAN, US  
[72] BIJANKI, RAMAKRISHNA, US  
[72] DHAWAN, PERMINDER, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (09/413,691) 1999-10-01

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[21] **2,320,636**  
[13] A1

[51] **Int.Cl. 7A63F 13/02 7G07F 17/32**  
[25] EN  
[54] **STANDARD PERIPHERAL COMMUNICATION**  
[54] **APPAREIL DE JEUX DE HASARD A PERIPHERIQUES COMMUNICANTS**  
[72] STOCKDALE, JAMES, US  
[72] LEMAY, STEVEN G., US  
[71] INTERNATIONAL GAME TECHNOLOGY, US  
[22] 2000-09-26  
[43] 2001-04-06  
[30] US (09/414,659) 1999-10-06

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[21] **2,320,637**  
[13] A1

[51] **Int.Cl. 7C04B 38/10 7E04B 1/86**  
[25] EN  
[54] **COMPOSITE STRUCTURE WITH FOAMED CEMENTITIOUS LAYER**  
[54] **STRUCTURE COMPOSITE CONTENANT UNE COUCHE DE MATIERE MOUSSEE A BASE DE CIMENT**  
[72] PUTT, DEAN L., US  
[72] WIKER, ANTHONY L., US  
[72] MOSER, ANDREA M., US  
[72] CHRISTIE, PETER A., US  
[72] BISCHEL, MARSHA STALKER, US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (60/157,269) 1999-10-01  
[30] US (60/157,301) 1999-10-01

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[21] **2,320,639**  
[13] A1

[51] **Int.Cl. 7C04B 38/10 7E04B 1/86**  
[25] EN  
[54] **ACOUSTICAL PANEL HAVING A HONEYCOMB STRUCTURE AND METHOD OF MAKING THE SAME**  
[54] **PANNEAU ACOUSTIQUE A STRUCTURE ALVEOLAIRE ET METHODE DE FABRICATION DUDIT PANNEAU**  
[72] WORK, JAMES L., US  
[72] PUTT, DEAN L., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (60/157,269) 1999-10-01  
[30] US (60/157,301) 1999-10-01

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[21] **2,320,641**  
[13] A1

[51] **Int.Cl. 7C04B 38/10 7E04B 1/80**  
[25] EN  
[54] **A DURABLE POROUS ARTICLE OF MANUFACTURE AND A PROCESS TO CREATE SAME**  
[54] **ARTICLE MANUFACTURE POREUX ET DURABLE ET PROCEDE DE FABRICATION DUDIT ARTICLE**  
[72] PUTT, DEAN L., US  
[72] BISCHEL, MARSHA STALKER, US  
[72] WIKER, ANTHONY L., US  
[72] MOSER, ANDREA M., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (60/157,269) 1999-10-01  
[30] US (60/157,301) 1999-10-01  
[30] US (60/179,367) 2000-01-31  
[30] US (60/179,385) 2000-01-31  
[30] US (60/179,420) 2000-01-31

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[21] **2,320,647**  
[13] A1

[51] **Int.Cl. 7F16J 15/10**  
[25] EN  
[54] **GASKET**  
[54] **JOINT D'ETANCHEITE**  
[72] BENTLEY, FRANK A., US  
[72] HOCHGESANG, PAUL J., US  
[72] DUCLOS, THEODORE G., US  
[72] BELCHUK, MARK A., US  
[72] KOCH, STEVE G., US  
[71] FREUDENBERG-NOK, GENERAL PARTNERSHIP, US  
[22] 2000-09-25  
[43] 2001-04-01  
[30] US (60/157,316) 1999-10-01  
[30] US (09/616,834) 2000-07-14

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[21] **2,320,651**  
[13] A1

[51] **Int.Cl. 7A61B 18/00 7A61N 1/00**  
[25] EN  
[54] **MULTI-PORT SIDE-FIRE COAGULATOR**  
[54] **UNITE DE COAGULATION A PLUSIEURS ORIFICES LATERAUX**  
[72] PLATT, ROBERT, US  
[71] SHERWOOD SERVICES AG, US  
[22] 2000-09-25  
[43] 2001-04-05  
[30] US (60/157,718) 1999-10-05

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Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,320,652**  
[13] A1  
[51] **Int.Cl. 7A61B 18/00 7A61N 1/00**  
[25] EN  
[54] **SWIRLING SYSTEM FOR IONIZABLE GAS COAGULATOR**  
[54] **SYSTEME A TOURBILLON POUR UNITE DE COAGULATION A GAZ IONISABLE**  
[72] PLATT, ROBERT, US  
[71] SHERWOOD SERVICES AG, US  
[22] 2000-09-25  
[43] 2001-04-05  
[30] US (60/157,768) 1999-10-05

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[21] **2,320,693**  
[13] A1  
[51] **Int.Cl. 7H04L 12/54 7H04L 29/02**  
[25] EN  
[54] **METHOD FOR CONTROLLING DATA FLOW ASSOCIATED WITH A COMMUNICATIONS NODE**  
[54] **METHODE DE CONTROLE DE FLUX DE DONNEES ASSOCIE A UN NOEUD DE COMMUNICATION**  
[72] FALCO, STEVEN A., US  
[72] TU, MING-HSU, US  
[72] STRICKLAND, STEPHEN GREGORY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (09/411,007) 1999-10-01

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[21] **2,320,703**  
[13] A1  
[51] **Int.Cl. 7H04B 1/69 7H04B 7/216 7H04Q 7/36**  
[25] EN  
[54] **UPSAMPLING FILTER HAVING ONE-BIT MULTIPLIERS FOR MULTIPLE SPREAD-DATA STREAMS**  
[54] **FILTRE A SUR-ECHANTILLONNAGE AVEC MULTIPLICATEURS UN BIT POUR FLUX DE DONNEES MULTIPLES A ETALEMENT DU SPECTRE**  
[72] SMITH, MALCOLM HAROLD, US  
[72] KHOINI-POORFARD, RAMIN, US  
[72] LIM, LYSANDER B., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (09/411,152) 1999-10-01

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[21] **2,320,709**  
[13] A1  
[51] **Int.Cl. 7H04L 12/54 7H04L 12/24**  
[25] EN  
[54] **METHOD FOR CONTROLLING DATA FLOW ASSOCIATED WITH A COMMUNICATIONS NODE**  
[54] **METHODE DE CONTROLE DE FLUX DE DONNEES ASSOCIE A UN NOEUD DE COMMUNICATION**  
[72] TU, MING-HSU, US  
[72] FALCO, STEVEN A., US  
[72] STRICKLAND, STEPHEN GREGORY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-26  
[43] 2001-04-01  
[30] US (09/410,615) 1999-10-01

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[21] **2,320,732**  
[13] A1  
[51] **Int.Cl. 7H05K 7/20**  
[25] EN  
[54] **LOW-TEMPERATURE APPARATUS**  
[54] **DISPOSITIF BASSE TEMPERATURE**  
[72] PAUL, WILLI, CH  
[71] ABB RESEARCH LTD, CH  
[22] 2000-09-26  
[43] 2001-04-01  
[30] DE (199 47 410.9) 1999-10-01

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[21] **2,321,021**  
[13] A1  
[51] **Int.Cl. 7G02B 26/08 7H04Q 3/52**  
[25] EN  
[54] **HYBRID ELECTRO-OPTIC DEVICE WITH COMBINED MIRROR ARRAYS**  
[54] **DISPOSITIF OPTOELECTRONIQUE HYBRIDE AVEC RESEAUX DE MIROIRS COMBINES**  
[72] SCOTTI, RONALD EDWARD, US  
[72] GATES, JOHN VANATTA II, US  
[72] AKSYUK, VLADIMIR ANATOLYEVICH, US  
[72] BISHOP, DAVID JOHN, US  
[72] BOLLE, CRISTIAN A., US  
[72] GILES, RANDY CLINTON, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-27  
[43] 2001-04-01  
[30] US (09/410,586) 1999-10-01

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[21] **2,321,141**  
[13] A1  
[51] **Int.Cl. 7F17C 13/08**  
[25] FR  
[54] **STRUCTURE DE SUPPORT ET DE POSITIONNEMENT DE BOUTEILLE DE GAZ**  
[54] **GAS CYLINDER SUPPORT AND POSITIONING SYSTEM**  
[72] MC CORD, ANTHONY, FR  
[72] QUENTIN, FRANCOIS, FR  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2000-09-25  
[43] 2001-04-07  
[30] FR (99 12497) 1999-10-07

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[21] **2,321,154**  
[13] A1  
[51] **Int.Cl. 7B66B 5/02 7H03K 17/00 7B66B 11/04**  
[25] EN  
[54] **MONITORING DEVICE FOR DRIVE EQUIPMENT FOR LIFTS**  
[54] **CONTROLEUR D'EQUIPEMENT DE COMMANDE POUR ASCENSEURS ET MONTE-CHARGE**  
[72] ERKER, HUBERT, DE  
[71] INVENTIO AG, CH  
[22] 2000-09-27  
[43] 2001-04-01  
[30] EP (99 810888.0) 1999-10-01

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[21] **2,321,156**  
[13] A1  
[51] **Int.Cl. 7F17C 13/08**  
[25] FR  
[54] **INSTALLATION DE STOCKAGE ET DE RETENTION DE RECIPIENTS, NOTAMMENT DE BOUTELLES DE GAZ**  
[54] **CONTAINER STORAGE AND RETENTION RACK, IN PARTICULAR FOR GAZ CYLINDERS**  
[72] LE CARPENTIER, JEAN-CLAUDE, FR  
[72] MC CORD, ANTHONY, FR  
[72] VERGHAE, JEAN-MARIE, FR  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2000-09-26  
[43] 2001-04-07  
[30] FR (99 12496) 1999-10-07

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,321,174**  
[13] A1

[51] **Int.Cl. 7A43C 11/14**  
[25] FR  
[54] **DISPOSITIF DE GUIDAGE D'UN RABAT**  
[54] **DEVICE FOR GUIDING A FLAP**  
[72] MIRALLES, THIERRY, FR  
[71] SALOMON S.A., FR  
[22] 2000-09-27  
[43] 2001-04-01  
[30] FR (99.12414) 1999-10-01

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[21] **2,321,269**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7C12N 5/04 7C12N 5/10 7C12N 15/10 7C12N 15/62 7C12N 15/82**  
[25] EN  
[54] **CORN SILK GENE AND REGULATORY REGION**  
[54] **GENE DES SOIES DU MAIS ET REGION REGULATRICE**  
[72] TAO, TITUS, CA  
[72] SINGH, JAS, CA  
[72] OUELLET, THERESE, CA  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA  
[22] 2000-10-05  
[43] 2001-04-05  
[30] US (09/412,704) 1999-10-05

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[21] **2,321,292**  
[13] A1

[51] **Int.Cl. 7B65D 47/34**  
[25] FR  
[54] **FLACON DOSEUR A POMPE**  
[54] **PUMP DISPENSER**  
[72] DE LAFORCADE, VINCENT, FR  
[71] L'OREAL, FR  
[22] 2000-10-02  
[43] 2001-04-06  
[30] FR (99 12 435) 1999-10-06

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[21] **2,321,324**  
[13] A1

[51] **Int.Cl. 7C07D 215/233 7A61P 25/00 7C07D 401/04 7C07D 405/04 7C07D 409/04 7C07D 215/22 7C07D 215/42 7A61K 31/47 7A61K 31/4706 7A61K 31/4709 7A61K 31/4725 7A61K 31/5377**  
[25] EN  
[54] **QUINOLIN-4YL DERIVATIVES**  
[54] **DERIVES DE QUINOLEIN-4-YLE**  
[72] ALANINE, ALEXANDER, FR  
[72] PINARD, EMMANUEL, FR  
[72] JAESCHKE, GEORG, FR  
[72] BURNER, SERGE, FR  
[72] WYLER, RENE, CH  
[72] HEITZ NEIDHART, MARIE-PAULE, FR  
[72] BUTTELMANN, BERND, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2000-09-27  
[43] 2001-04-01  
[30] EP (99119539.7) 1999-10-01

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[21] **2,321,325**  
[13] A1

[51] **Int.Cl. 7A61F 2/18**  
[25] EN  
[54] **ARRANGEMENT FOR COUPLING OF A DRIVER TO A COUPLING SITE OF THE OSSICULAR CHAIN**  
[54] **DISPOSITIF DE RACCORD D'UN EXCITATEUR A UN SITE DE RACCORDEMENT DE LA CHAINE OSSICULAIRE**  
[72] MULLER, GERD M., DE  
[71] IMPLEX AKTIENGESELLSCHAFT HEARING TECHNOLOGY, DE  
[22] 2000-09-28  
[43] 2001-04-07  
[30] DE (199 48 336.1) 1999-10-07

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[21] **2,321,333**  
[13] A1

[51] **Int.Cl. 7B43K 7/02 7B43K 8/04**  
[25] EN  
[54] **WRITING IMPLEMENT**  
[54] **INSTRUMENT D'ECRITURE**  
[72] OIKE, SHIGERU, JP  
[71] THE PILOT INK CO., LTD., JP  
[22] 2000-09-28  
[43] 2001-04-06  
[30] JP (11-285057) 1999-10-06

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[21] **2,321,338**  
[13] A1

[51] **Int.Cl. 7B61B 13/00 7B61B 1/00**  
[25] EN  
[54] **CONSTRAINED GUIDE URBAN TRANSPORT SYSTEM**  
[54] **SYSTEME DE TRANSPORT URBAIN A GUIDE-CONTRAINTES**  
[72] BECCARI, LUCA, IT  
[72] SONNERER, WALTER, IT  
[71] HIGH TECHNOLOGY INVESTMENTS B.V., NL  
[22] 2000-09-28  
[43] 2001-04-01  
[30] IT (MI99A 002050) 1999-10-01

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[21] **2,321,350**  
[13] A1

[51] **Int.Cl. 7A47J 37/08**  
[25] FR  
[54] **GRILLE-PAIN ELECTRIQUE EQUIPE D'UN ENSEMBLE ELECTROAIMANT/INTERRUPTEUR**  
[54] **ELECTRIC TOASTER EQUIPPED WITH AN ELECTROMAGNETIC/INTERRUPTER SET**  
[72] MAUFFREY, GUY, FR  
[71] SEB S.A., FR  
[22] 2000-10-04  
[43] 2001-04-04  
[30] WO (PCT/FR99/02365) 1999-10-04

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[21] **2,321,355**  
[13] A1

[51] **Int.Cl. 7A61M 25/00**  
[25] EN  
[54] **VASCULAR RECONSTRUCTION**  
[54] **RECONSTRUCTION VASCULAIRE**  
[72] REISFELD, DANIEL, IL  
[71] BIOSENSE, INC., US  
[22] 2000-09-28  
[43] 2001-04-01  
[30] US (09/411,154) 1999-10-01

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**Canadian Laid-Open Applications**  
**April 1, 2001 - April 7, 2001**

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[21] **2,321,356**  
[13] A1

[51] **Int.Cl. 7B65D 6/26 7B65B 21/00**  
[25] EN  
[54] **PACKAGING SYSTEM FOR REUSABLE FOOD OR BEVERAGE CONTAINERS**  
[54] **SYSTEME D'EMBALLAGE POUR CONTENANTS A ALIMENTS OU A BOISSONS REUTILISABLES**  
[72] JACKSON, STUART J.W., CA  
[71] RECOFAC INC., CA  
[22] 2000-09-28  
[43] 2001-04-01  
[30] US (60/175,045) 1999-10-01

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[21] **2,321,368**  
[13] A1

[51] **Int.Cl. 7H04L 1/22**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FAST BURST MODE DATA RECOVERY**  
[54] **METHODE ET APPAREIL DE RECUPERATION DE DONNEES EN MODE RAFALE RAPIDE**  
[72] COLELLA, BARRY D., US  
[72] MASUCCI, JEFFREY A., US  
[72] BOX, BRIAN, US  
[72] FARRAR, LEWIS W., US  
[71] QUANTUM BRIDGE COMMUNICATIONS, INC., US  
[22] 2000-09-27  
[43] 2001-04-01  
[30] US (09/410,780) 1999-10-01

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[21] **2,321,372**  
[13] A1

[51] **Int.Cl. 7C08F 118/08 7C08F 220/00 7C08F 18/04 7C08F 118/04 7C08F 218/04**  
[25] EN  
[54] **AQUEOUS EMULSION AND METHOD FOR PRODUCING**  
[54] **EMULSION AQUEUSE ET METHODE POUR LA PRODUIRE**  
[72] INOMATA, NAOKIYO, JP  
[72] TANIMOTO, SEIJI, JP  
[71] KURARAY CO., LTD., JP  
[22] 2000-09-27  
[43] 2001-04-01  
[30] JP (281463/1999) 1999-10-01

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[21] **2,321,376**  
[13] A1

[51] **Int.Cl. 7G01N 30/22 7G01N 30/46**  
[25] EN  
[54] **PARALLEL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY WITH SERIAL INJECTION**  
[54] **ANALYSES PARALLELES PAR CHROMATOGRAPHIE LIQUIDE A HAUTE PERFORMANCE AVEC INJECTION EN SERIE**  
[72] PETRO, MIROSLAV, US  
[71] SYMYX TECHNOLOGIES, INC., US  
[22] 2000-09-28  
[43] 2001-04-01  
[30] US (09/410,546) 1999-10-01

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[21] **2,321,384**  
[13] A1

[51] **Int.Cl. 7B30B 1/24**  
[25] EN  
[54] **DOUBLE ACTION HYDRAULIC PRESS**  
[54] **PRESSE HYDRAULIQUE A DOUBLE EFFET**  
[72] MORIMOTO, HISASHI, JP  
[72] HOSOYA, HIROSHI, JP  
[72] SHINODA, TOMOAKI, JP  
[71] AIDA ENGINEERING CO., LTD., JP  
[22] 2000-09-28  
[43] 2001-04-01  
[30] JP (11-281222) 1999-10-01

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[21] **2,321,385**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHODS FOR ERROR PROOFING**  
[54] **METHODES D'ELIMINATION DES ERREURS**  
[72] DYER, TERRENCE O., US  
[72] MENZIES, RICHARD G., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-09-28  
[43] 2001-04-04  
[30] US (60/157,502) 1999-10-04  
[30] US (09/442,572) 1999-11-18

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[21] **2,321,395**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **LOCATION FINDING USING A SINGLE BASE STATION IN CDMA/TDMA SYSTEMS**  
[54] **LOCALISATION A L'AIDE D'UNE SEULE STATION DE BASE DANS DES SYSTEMES AMRC/AMRT**  
[72] CHEN, BYRON HUA, US  
[72] CHIANG, TUNG CHING, US  
[72] TEKIN, IBRAHIM, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-28  
[43] 2001-04-05  
[30] US (09/412,307) 1999-10-05

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[21] **2,321,407**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04Q 7/36**  
[25] EN  
[54] **SECURITY MECHANISMS AND ARCHITECTURE FOR COLLABORATIVE SYSTEMS USING TUPLE SPACE**  
[54] **MECANISMES DE SECURITE ET ARCHITECTURE POUR SYSTEMES COLLABORATIFS UTILISANT UN ESPACE A MULTIPLETS**  
[72] ZHENG, CUI, CA  
[72] MANKOVSKII, SERGE, CA  
[72] GRAY, TOM, CA  
[72] KARMOUCH, AHMED, CA  
[71] MITEL CORPORATION, CA  
[71] UNIVERSITY OF OTTAWA, CA  
[22] 2000-09-28  
[43] 2001-04-05  
[30] GB (9923544.2) 1999-10-05

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**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,321,410**  
[13] A1

[51] **Int.Cl. 7F26B 21/04 7F23G 7/06**  
[25] EN  
[54] **METHOD FOR REDUCING VOC EMISSIONS DURING THE MANUFACTURE OF WOOD PRODUCTS**  
[54] **METHODE POUR REDUIRE LES QUANTITES DE COV EMISES PENDANT LA FABRICATION DE PRODUITS EN BOIS**  
[72] SEELIG, KEITH DAVID, US  
[72] EVENSEN, JAMES A., US  
[72] HSU, WU-HSIUNG ERNEST, US  
[72] MITTLESFORF, ROBERT CARL, US  
[71] LOUISIANA-PACIFIC CORPORATION, US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (60/157,257) 1999-10-01

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[21] **2,321,411**  
[13] A1

[51] **Int.Cl. 7H04B 10/10 7H04B 10/08**  
[25] EN  
[54] **FREE SPACE LIGHT MULTIBEAM NETWORK BRIDGE APPARATUS AND METHODS**  
[54] **APPAREIL ET METHODES UTILISANT UN PONT DE RESEAU A MULTIPLES FAISCEAUX LUMINEUX EN ESPACE LIBRE**  
[72] DURANT, GREGORY MICHAEL, US  
[72] RUTLEDGE, CHRISTOPHER LEE, US  
[71] AT&T CORP., US  
[22] 2000-09-29  
[43] 2001-04-07  
[30] US (09/414,138) 1999-10-07

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[21] **2,321,412**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04M 3/533**  
[25] EN  
[54] **ALTERNATIVE MESSAGE USAGE FOR VOICE MAIL RETRIEVAL VIA REVERTIVE CALLING**  
[54] **UTILISATION DE MESSAGE DE RECHANGE POUR RECHERCHE DANS UN SYSTEME DE MESSAGERIE VOCALE PAR APPEL A UN COABONNE**  
[72] MCCORMICK, MARK ALAN, US  
[72] BOLAND, RICHARD ROBERT, US  
[72] LOPEZ, ISMAEL JR., US  
[72] SUERO, SALVATORE, US  
[72] BOYLE, PATRICK JOSEPH, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-29  
[43] 2001-04-05  
[30] US (09/412,282) 1999-10-05

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[21] **2,321,416**  
[13] A1

[51] **Int.Cl. 7G06F 17/50 7G06F 19/00**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR PRODUCING A DIAGRAM OF AN INSTALLATION COMPRISING APPARATUSES SUPPLIED WITH GAS**  
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN DIAGRAMME D'UNE INSTALLATION COMPRENANT DES APPAREILS ALIMENTES EN GAZ**  
[72] LOISEAU, GERARD, FR  
[72] GASTIGER, MICHEL, FR  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2000-09-29  
[43] 2001-04-01  
[30] FR (99 12312) 1999-10-01

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[21] **2,321,428**  
[13] A1

[51] **Int.Cl. 7G02B 6/26 7H04B 10/18**  
[25] EN  
[54] **OPTICAL FIBER TUNABLE CONNECTOR ADAPTER**  
[54] **ADAPTATEUR DE CONNECTEUR ACCORDABLE POUR FIBRES OPTIQUES**  
[72] ANDREWS, SCOTT R., US  
[72] LAMPERT, NORMAN R., US  
[72] SANDELS, GREGORY A., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-29  
[43] 2001-04-06  
[30] US (09/413,632) 1999-10-06

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[21] **2,321,433**  
[13] A1

[51] **Int.Cl. 7G02B 6/36 7H04B 10/18 7G02B 6/26**  
[25] EN  
[54] **AN OPTICAL CONNECTOR HAVING A HOUSING ASSEMBLY THAT IS COMPRISED OF POLYPHENYLSULFONE**  
[54] **CONNECTEUR OPTIQUE MUNI D'UN BOITIER COMPOSE DE POLYPHENYLSULFONE**  
[72] LAMPERT, NORMAN R., US  
[72] CAMMONS, RAY R., US  
[72] MAY, JOHN FRANCIS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-29  
[43] 2001-04-06  
[30] US (09/413,267) 1999-10-06

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[21] **2,321,436**  
[13] A1

[51] **Int.Cl. 7H01F 27/30 7H01F 27/26**  
[25] EN  
[54] **CLAMPING DEVICE FOR A CORE FORM TRANSFORMER**  
[54] **DISPOSITIF DE FIXATION POUR TRANSFORMATEUR A NOYAU**  
[72] TAYLOR, DAVID S., US  
[72] WEST, HERBERT T., US  
[71] OHIO TRANSFORMER, INC., US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (09/410,452) 1999-10-01

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[21] **2,321,456**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHODS FOR GENERATING CUSTOM REPORTS BASED ON POINT-OF-SALE DATA**  
[54] **SYSTEME ET METHODE DE GENERATION DE RAPPORTS PERSONNALISES A PARTIR DE DONNEES DE POINT DE VENTE**  
[72] ENGLER, JEFFREY T., ZZ  
[72] ENGLER, LEE J., ZZ  
[72] NEWMAN, LEONARD M., ZZ  
[71] B-50.COM, LLC, US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (60/157,467) 1999-10-01

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**Canadian Laid-Open Applications**  
**April 1, 2001 - April 7, 2001**

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[21] **2,321,459**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **COMPUTER-BASED METHOD FOR CREATING AN OPTIMAL CONFIGURATION OF AT LEAST ONE LIFE INSURANCE POLICY**  
[54] **METHODE INFORMATISEE DE CREATION D'UNE CONFIGURATION OPTIMALE D'AU MOINS UNE POLICE D'ASSURANCE-VIE**  
[72] PAYNE, RICHARD C., CA  
[71] GENESIS FINANCIAL PRODUCTS INC., CA  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (60/157,331) 1999-10-01

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[21] **2,321,463**  
[13] A1

[51] **Int.Cl. 7A61B 19/00 7B25J 1/00**  
[25] EN  
[54] **A HEART STABILIZER**  
[54] **STABILISATEUR CARDIAQUE**  
[72] SNOW, EDWARD RAMSEY, US  
[71] COMPUTER MOTION, INC., US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (09/411,442) 1999-10-01

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[21] **2,321,469**  
[13] A1

[51] **Int.Cl. 7E21B 10/18**  
[25] EN  
[54] **DUAL-SEAL DRILL BIT WITH FLUID CLEANING CAPABILITY**  
[54] **TREPAN A DOUBLE JOINT D'ETANCHEITE AVEC PROPRIETE DE NETTOYAGE PAR LIQUIDE**  
[72] SLAUGHTER, ROBERT H., JR., US  
[72] DIDERICKSEN, ROGER, US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (09/411,427) 1999-10-01

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[21] **2,321,475**  
[13] A1

[51] **Int.Cl. 7H04L 29/02**  
[25] EN  
[54] **ESTABLISHING CONNECTIONS ACROSS A COMMUNICATIONS NETWORK**  
[54] **ETABLISSEMENT DE CONNEXIONS DANS UN RESEAU DE TELECOMMUNICATIONS**  
[72] STACEY, DAVID, GB  
[72] GIBSON, MARK ROBERT, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (09/410,316) 1999-10-01

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[21] **2,321,485**  
[13] A1

[51] **Int.Cl. 7B65D 5/54**  
[25] EN  
[54] **SHELF READY INNER PACKAGE SHIPPING CONTAINER**  
[54] **CONTENANT D'EXPEDITION A EMBALLAGE INTERIEUR POUR PRESENTATION SUR UNE ETAGERE**  
[72] LUCERI, THOMAS J., US  
[72] MAJETICH, JEFFERY S., US  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (60/157,369) 1999-10-01

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[21] **2,321,487**  
[13] A1

[51] **Int.Cl. 7B62D 33/03**  
[25] EN  
[54] **TAILGATE STEP FOR PICK-UP TRUCK BED ACCESS**  
[54] **MARCHE DE HAYON ARRIERE DONNANT ACCES A LA CAISSE D'UNE CAMIONNETTE**  
[72] SITKEI, WILLI, CA  
[72] ARMSTRONG, BRADFORD, CA  
[71] DECOMA EXTERIOR TRIM INC., CA  
[22] 2000-09-29  
[43] 2001-04-04  
[30] US (60/157,445) 1999-10-04

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[21] **2,321,505**  
[13] A1

[51] **Int.Cl. 7H04L 5/14 7H04L 29/02 7H04B 3/04**  
[25] EN  
[54] **ESTABLISHING BI-DIRECTIONAL COMMUNICATION SESSIONS ACROSS A COMMUNICATIONS NETWORK**  
[54] **ETABLISSEMENT DE SESSIONS BIDIRECTIONNELLES DANS UN RESEAU DE TELECOMMUNICATIONS**  
[72] GIBSON, MARK ROBERT, GB  
[72] STACEY, DAVID, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (09/410,317) 1999-10-01

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[21] **2,321,510**  
[13] A1

[51] **Int.Cl. 7F02P 17/00 7G01M 15/00**  
[25] EN  
[54] **COIL ON PLUG SIGNAL DETECTION**  
[54] **APPAREILS DE DETECTION DE SIGNAUX DE BOBINES DE BOUGIES**  
[72] SPENCER, TIMOTHY J., US  
[72] FONG, CHEE K., US  
[72] BRYANT, ROBERT R., US  
[72] NORMILE, JAMES M., US  
[72] MCQUEENEY, KENNETH A., US  
[71] SNAP-ON TECHNOLOGIES, INC., US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (09/411,182) 1999-10-01

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[21] **2,321,511**  
[13] A1

[51] **Int.Cl. 7G05F 3/26**  
[25] EN  
[54] **CONSTANT VOLTAGE/CURRENT CIRCUIT**  
[54] **CIRCUIT A TENSION/COURANT CONSTANT**  
[72] HARADA, KATSUTOMI, JP  
[72] TATEISHI, TETSUO, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 2000-09-29  
[43] 2001-04-01  
[30] JP (11-281205) 1999-10-01

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**1 avril 2001 - 7 avril 2001**

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[21] **2,321,513**  
[13] A1

[51] **Int.Cl. 7H04L 29/10 7H04L 12/66**  
[25] EN  
[54] **APPARATUS AND METHOD FOR INTEGRATED TELECOMMUNICATIONS**  
[54] **APPAREIL ET METHODE DE TELECOMMUNICATIONS INTEGRES**  
[72] CAO, YANG, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-09-28  
[43] 2001-04-01  
[30] US (09/411,781) 1999-10-01

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[21] **2,321,537**  
[13] A1

[51] **Int.Cl. 7H01L 23/495**  
[25] EN  
[54] **MULTIFUNCTION LEAD FRAME AND INTEGRATED CIRCUIT PACKAGE INCORPORATING THE SAME**  
[54] **RESEAU DE CONDUCTEURS MULTIFONCTION ET BOITIER DE MICROCIRCUIT INCORPORANT CE RESEAU**  
[72] WELD, JOHN DAVID, US  
[72] LOTFI, ASHRAF W., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-02  
[43] 2001-04-06  
[30] US (09/413,605) 1999-10-06

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[21] **2,321,593**  
[13] A1

[51] **Int.Cl. 7A61K 31/197 7A61P 25/00 7A61P 31/18 7A61K 31/222 7A61K 31/351 7A61K 31/4465 7A61K 31/495 7A61K 31/5375**  
[25] EN  
[54] **.ALPHA.-SULFONYLAMINO HYDROXAMIC ACID INHIBITORS OF MATRIX METALLOPROTEINASES FOR THE TREATMENT OF PERIPHERAL OR CENTRAL NERVOUS SYSTEM DISORDERS**  
[54] **ACIDES .ALPHA.-SULFONYLAMINOHYDROXAMIQUES INHIBITEURS DE METALLOPROTEINASES POUR LE TRAITEMENT DE MALADIES DU SYSTEME NERVEUX CENTRAL OU PERIPHERIQUE**  
[72] SAHAGAN, BARBARA GAIL, US  
[72] VILLALOBOS, ANABELLA, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] US (60/157,083) 1999-10-01

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[21] **2,321,597**  
[13] A1

[51] **Int.Cl. 7C12P 19/04 7C08B 15/00**  
[25] EN  
[54] **CELLULOSE PRODUCED BY FILAMENTOUS FUNGI**  
[54] **CELLULOSE PRODUITE PAR DES CHAMPIGNONS FILAMENTEUX**  
[72] MORITA, NAOKI, JP  
[72] KURIKI, MIDORI, JP  
[72] OKUYAMA, HIDETOSHI, JP  
[72] TERAMI, FUMIHIRO, JP  
[72] SAWADA, MICHIKO, JP  
[72] HOSHINO, TAMOTSU, JP  
[72] KAWAKAMI, AKIRA, JP  
[71] SECRETARY OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY, JP  
[71] DIRECTOR-GENERAL OF HOKKAIDO NATIONAL AGRICULTURAL EXPERIMENT STATION, M, JP  
[22] 2000-09-29  
[43] 2001-04-01  
[30] JP (281425/1999) 1999-10-01  
[30] JP (275211/2000) 2000-09-11

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[21] **2,321,606**  
[13] A1

[51] **Int.Cl. 7B60K 15/00 7F02M 37/08**  
[25] EN  
[54] **FUEL SUPPLY ARRANGEMENT AND A FUEL PUMP**  
[54] **DISPOSITIF D'ALIMENTATION EN CARBURANT ET POMPE CARBURANT**  
[72] GEBERT, KLAUS, DE  
[71] KAUTEX TEXTRON GMBH. & CO. KG., DE  
[22] 2000-10-02  
[43] 2001-04-07  
[30] DE (199 48 170.9) 1999-10-07

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[21] **2,321,608**  
[13] A1

[51] **Int.Cl. 7F04D 29/00 7F02M 37/08**  
[25] EN  
[54] **ELECTRIC FUEL PUMP AND PUMP MECHANISM FOR A FUEL PUMP**  
[54] **POMPE CARBURANT ELECTRIQUE ET MECANISME DE POMPE POUR UNE POMPE CARBURANT**  
[72] GEBERT, KLAUS, DE  
[71] KAUTEX TEXTRON GMBH. & CO. KG., DE  
[22] 2000-10-02  
[43] 2001-04-07  
[30] DE (199 48 171.7) 1999-10-07

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[21] **2,321,614**  
[13] A1

[51] **Int.Cl. 7H01C 7/112 7H01C 17/00**  
[25] EN  
[54] **NONLINEAR RESISTOR AND METHOD OF MANUFACTURING THE SAME**  
[54] **RESISTANCE NON LINEAIRE ET METHODE DE FABRICATION**  
[72] IMAI, TOSHIYA, JP  
[72] NISHIWAKI, SUSUMU, JP  
[72] ANDO, HIDEYASU, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2000-10-02  
[43] 2001-04-04  
[30] JP (11-282871) 1999-10-04  
[30] JP (2000-262950) 2000-08-31

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Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,321,617**  
[13] A1  
[51] **Int.Cl. 7B61D 17/00**  
[25] EN  
[54] **COLD CONNECTION**  
[54] **RACCORD A FROID**  
[72] STREIFF, SAMUEL, CH  
[72] WALDECK, KLAUS-DIETER, CH  
[71] ALUSUISSE TECHNOLOGY &  
MANAGEMENT LTD., CH  
[22] 2000-10-02  
[43] 2001-04-05  
[30] EP (99810905.2) 1999-10-05

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[21] **2,321,622**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/42 7H04L 29/04**  
**7H04M 11/06 7H04L 12/66**  
[25] EN  
[54] **A MULTI-MODE ENDPOINT IN A**  
**COMMUNICATION NETWORK**  
**SYSTEM AND METHODS THEREOF**  
[54] **POINT D'EXTREMITE**  
**MULTIMODE DANS UN RESEAU DE**  
**COMMUNICATION ET METHODES**  
**APPLICABLES A CE POINT**  
[72] TAN-ATICHAT, EDDIE, US  
[72] RAVINDRANATH, RAVI ANANT, US  
[72] KORBE, WILLIAM P., US  
[72] BAITHADKA, SREEDHARA, US  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 2000-10-02  
[43] 2001-04-07  
[30] US (09/414,762) 1999-10-07

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[21] **2,321,629**  
[13] A1  
[51] **Int.Cl. 7B23K 9/007 7B23K 10/02**  
**7B23K 9/10 7B23K 9/16**  
[25] EN  
[54] **APPARATUS FOR PLASMA ARC**  
**SPOT WELDING AND METHOD**  
**THEREFOR**  
[54] **APPAREIL POUR LE SOUDAGE**  
**PAR POINTS AU PLASMA ET**  
**METHODE POUR L'UTILISER**  
[72] NIIGAKI, YOSHITAKA, JP  
[72] SHIINA, TORU, JP  
[72] KUROKAWA, IWAO, JP  
[72] SHINTANI, TOSHIYA, JP  
[72] KAMIYA, KENGO, JP  
[72] IMAI, YOUSUKE, JP  
[72] UEMATSU, HIDETO, JP  
[71] TOYOTA SHATAI KABUSHIKI  
KAISHA, JP  
[71] KOMATSU LTD., JP  
[22] 2000-10-02  
[43] 2001-04-05  
[30] JP (11-283786) 1999-10-05

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[21] **2,321,631**  
[13] A1  
[51] **Int.Cl. 7B65D 3/28 7B31C 11/02**  
[25] EN  
[54] **CONTAINER WITH INDICIA**  
**COVERING BRIM, BLANK FOR**  
**MAKING SUCH A CONTAINER, AND**  
**METHODS FOR MAKING THE**  
**CONTAINER AND BLANK**  
[54] **CONTENANT AYANT UN REBORD**  
**RECOUVRANT UNE INSCRIPTION,**  
**DECOUPE POUR FABRIQUER UN TEL**  
**CONTENANT ET METHODES DE**  
**FABRICATION DU CONTENANT ET DE**  
**LA DECOUPE**  
[72] BREINING, MICHAEL A., US  
[72] CURCIO, ANTHONY N., US  
[72] MALAKHOW, WALTER, US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-10-02  
[43] 2001-04-06  
[30] US (09/413,527) 1999-10-06

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[21] **2,321,801**  
[13] A1  
[51] **Int.Cl. 7A01B 35/16**  
[25] EN  
[54] **SOIL LABORING TOOL**  
[54] **OUTIL POUR TRAVAILLER LE**  
**SOL**  
[72] UNKNOWN, ZZ  
[71] INGERSOLL ARGENTINA S.A., AR  
[22] 2000-09-28  
[43] 2001-04-04  
[30] AR (M 99 01 05030) 1999-10-04

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[21] **2,321,803**  
[13] A1  
[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **SLOTTED HEAD PEDICLE SCREW**  
**ASSEMBLY**  
[54] **VIS A PEDICULE A TETE FENDUE**  
[72] MARTIN, GREGORY, US  
[72] CROZET, YVES, US  
[71] HOWMEDICA OSTEONICS CORP.,  
US  
[22] 2000-09-28  
[43] 2001-04-07  
[30] US (09/414,272) 1999-10-07

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[21] **2,321,942**  
[13] A1  
[51] **Int.Cl. 7F21S 2/00 7H04N 1/04**  
[25] EN  
[54] **LINEAR ILLUMINATION**  
[54] **ECLAIREMENT LINEAIRE**  
[72] KELLY, WILLIAM, IE  
[71] CORKOPT LIMITED, IE  
[22] 2000-10-02  
[43] 2001-04-01  
[30] IE (990820) 1999-10-01

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[21] **2,321,943**  
[13] A1  
[51] **Int.Cl. 7B60S 3/04**  
[25] EN  
[54] **ROLLOVER PRESSURE CAR**  
**WASH APPARATUS AND METHODS**  
**OF OPERATING SAME**  
[54] **APPAREIL DE LAVE-AUTO SOUS**  
**PRESSION A CADRE SUPERIEUR ET**  
**METHODES DE FONCTIONNEMENT**  
[72] WENTWORTH, ROBERT J., US  
[72] BELANGER, MICHAEL J., US  
[71] WENTWORTH, ROBERT J., US  
[71] BELANGER, MICHAEL J., US  
[22] 2000-10-02  
[43] 2001-04-01  
[30] US (09/411,821) 1999-10-01

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[21] **2,321,945**  
[13] A1  
[51] **Int.Cl. 7B60R 19/18 7B61G 11/16**  
[25] EN  
[54] **ARRANGEMENT FOR**  
**ABSORPTION OF ENERGY RELEASED**  
**ON IMPACT**  
[54] **DISPOSITIF ABSORBANT**  
**L'ENERGIE LIBEREE A L'IMPACT**  
[72] SCHLUSEMANN, THOMAS, DE  
[71] ALUSUISSE TECHNOLOGY &  
MANAGEMENT LTD., CH  
[22] 2000-10-02  
[43] 2001-04-06  
[30] EP (99810906.0) 1999-10-06

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[21] **2,322,060**  
[13] A1

[51] **Int.Cl. 7B65H 81/02 7F27B 17/00 7B29C 51/00 7B29C 53/00 7F16L 59/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING PIPE INSULATION**  
[54] **METHODE ET APPAREIL DE FABRICATION D'ISOLATION DE TUYAUX**  
[72] MOORE, GEOFFREY H., CA  
[71] FIBREX INSULATIONS, INC., CA  
[22] 2000-10-03  
[43] 2001-04-07  
[30] US (09/413,016) 1999-10-07

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[21] **2,322,061**  
[13] A1

[51] **Int.Cl. 7A61B 17/068 7A61B 17/03**  
[25] EN  
[54] **STAPLING INSTRUMENT HAVING TWO STAPLE FORMING SURFACES**  
[54] **AGRAFEUSE A DEUX SURFACES DE FA\_ ONNAGE D'AGRAFES**  
[72] SETSER, MICHAEL E., US  
[72] NALAGATLA, ANIL K., US  
[72] NEUROHR, MARK A., US  
[71] ETHICON ENDO-SURGERY, INC., US  
[22] 2000-10-03  
[43] 2001-04-05  
[30] US (09/412,724) 1999-10-05

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[21] **2,322,062**  
[13] A1

[51] **Int.Cl. 7G09G 3/36**  
[25] EN  
[54] **AN EFFICIENT LIQUID CRYSTAL DISPLAY DRIVING SCHEME USING ORTHOGONAL BLOCK-CIRCULANT MATRIX**  
[54] **UN MECANISME EFFICACE DE COMMANDE POUR AFFICHAGE A CRISTAUX LIQUIDES BASE SUR UNE MATRICE ORTHOGONALE DE MATRICES CYCLIQUES**  
[72] YEUNG, STEVE W. L., HK  
[72] LEE, RICHARD C. H., HK  
[71] JOHNSON, TERENCE LESLIE, GB  
[71] VARINTELLIGENT (BVI) LIMITED, VG  
[22] 2000-09-29  
[43] 2001-04-01  
[30] GB (9923292.8) 1999-10-01

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[21] **2,322,063**  
[13] A1

[51] **Int.Cl. 7E04D 13/14**  
[25] EN  
[54] **COUNTER FLASHING**  
[54] **SOLIN DE COURONNEMENT**  
[72] SAMA, JOSEPH A., US  
[71] TREMCO INCORPORATED, US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (09/411,499) 1999-10-04

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[21] **2,322,064**  
[13] A1

[51] **Int.Cl. 7E21F 17/00 7E04F 11/00**  
[25] EN  
[54] **ADJUSTABLE STAIRWAY FOR USE WITH AN OVERCAST IN A MINE**  
[54] **ESCALIER REGLABLE DE CROISEMENT DE VOIES D'AERAGE D'UNE MINE**  
[72] KENNEDY, JOHN M., US  
[72] KENNEDY, WILLIAM R., US  
[71] JACK KENNEDY METAL PRODUCTS AND BUILDINGS, INC., US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (09/411,084) 1999-10-04

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[21] **2,322,065**  
[13] A1

[51] **Int.Cl. 7B65G 47/244 7B65G 47/26**  
[25] EN  
[54] **ALIGNER MECHANISM FOR A MAIL HANDLING SYSTEM**  
[54] **MECANISME D'ALIGNEMENT D'UN SYSTEME DE TRAITEMENT DU COURRIER**  
[72] YAP, ANTHONY E., US  
[72] WOLOGODZEW, LEO, US  
[72] WILSON, SHAE LYNN, US  
[72] SUPRON, STEVEN A., US  
[72] MERCEDE, JOHN J., JR., US  
[72] SALOMON, JAMES A., US  
[72] BELEC, ERIC A., US  
[72] STEFAN, CHRISTOPHER JULIUS, US  
[71] PITNEY BOWES INC., US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (09/411,064) 1999-10-04

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[21] **2,322,074**  
[13] A1

[51] **Int.Cl. 7G01L 23/10 7H04R 17/02 7E21B 47/12 7H04R 1/44**  
[25] EN  
[54] **HYDROPHONE FOR USE IN A DOWNHOLE TOOL**  
[54] **HYDROPHONE POUR UTILISATION DANS UN OUTIL DE FOND**  
[72] MILLER, ALVIN B., US  
[72] HARRELL, JOHN W., US  
[72] BIRCHAK, JAMES R., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2000-10-02  
[43] 2001-04-04  
[30] US (09/411,078) 1999-10-04

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[21] **2,322,075**  
[13] A1

[51] **Int.Cl. 7E21B 33/12**  
[25] EN  
[54] **PACKER WITH EQUALIZING VALVE AND METHOD OF USE**  
[54] **PACKER AVEC SOUPAPE D'EQUILIBRAGE ET METHODE D'UTILISATION**  
[72] MAIER, GARY, CA  
[72] STROMQUIST, MARTY L., CA  
[72] SCHMELZL, ERIC, CA  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2000-10-02  
[43] 2001-04-04  
[30] US (09/411,774) 1999-10-04

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[21] **2,322,076**  
[13] A1

[51] **Int.Cl. 7D21H 17/68**  
[25] EN  
[54] **WATER-DECOMPOSABLE FIBROUS SHEET CONTAINING GEL COMPOUND**  
[54] **FEUILLE FIBREUSE DECOMPOSABLE DANS L'EAU ET RENFERMANT UN COMPOSE GELIFIE**  
[72] KONISHI, TAKAYOSHI, JP  
[72] TAKEUCHI, NAOHITO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-10-03  
[43] 2001-04-05  
[30] JP (11-284036) 1999-10-05

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Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,322,077**  
[13] A1  
[51] **Int.Cl. 7F28F 3/02**  
[25] EN  
[54] **HEAT SINK**  
[54] **DISSIPATEUR DE CHALEUR**  
[72] OHTA, KEIICHIRO, JP  
[71] SHOWA ALUMINUM CORPORATION, JP  
[22] 2000-10-03  
[43] 2001-04-04  
[30] JP (11-282307) 1999-10-04

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[21] **2,322,078**  
[13] A1  
[51] **Int.Cl. 7A61F 13/47**  
[25] EN  
[54] **ABSORBENT ARTICLE AND PROCESS FOR MANUFACTURING THE SAME**  
[54] **ARTICLE ABSORBANT ET METHODE DE FABRICATION DUDIT ARTICLE**  
[72] TAGAMI, ETSUKO, JP  
[72] MIZUTANI, SATOSHI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-10-03  
[43] 2001-04-04  
[30] JP (11-282489) 1999-10-04

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[21] **2,322,079**  
[13] A1  
[51] **Int.Cl. 7F16H 47/00**  
[25] EN  
[54] **POWER TRANSMISSION APPARATUS OF VEHICLE**  
[54] **DISPOSITIF DE TRANSMISSION D'ENERGIE POUR VEHICULE**  
[72] TAKANO, NORIAKI, JP  
[72] HORI, YOSHIKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-10-03  
[43] 2001-04-05  
[30] JP (HEI-11-284209) 1999-10-05

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[21] **2,322,080**  
[13] A1  
[51] **Int.Cl. 7H01L 29/737**  
[25] EN  
[54] **NEW METAMORPHIC HETEROJUNCTION BIPOLAR TRANSISTOR HAVING MATERIAL STRUCTURE FOR LOW COST FABRICATION ON LARGE SIZE GALLIUM ARSENIDE WAFERS**  
[54] **NOUVEAU TRANSISTOR BIPOLAIRE HETEROJONCTION METAMORPHIQUE A STRUCTURE MATERIELLE PERMETTANT UNE FABRICATION PEU COUTEUSE SUR DES GALETTES D'ARSENURE DE GALLIUM DE GRANDES DIMENSIONS**  
[72] WU, CHAN-SHIN, US  
[72] LIN, TONY YEN-CHIN, CN  
[72] CHAO, PENG-SHENG, CN  
[71] WU, CHAN-SHIN, US  
[71] LIN, TONY YEN-CHIN, CN  
[71] CHAO, PENG-SHENG, CN  
[22] 2000-10-03  
[43] 2001-04-07  
[30] US (60/158,026) 1999-10-07

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[21] **2,322,082**  
[13] A1  
[51] **Int.Cl. 7F16H 61/28**  
[25] EN  
[54] **POWER TRANSMISSION APPARATUS OF VEHICLE**  
[54] **DISPOSITIF DE TRANSMISSION D'ENERGIE POUR VEHICULE**  
[72] NISHI, TOHRU, JP  
[72] TAKANO, NORIAKI, JP  
[72] SHICHINOHE, TAKASHI, JP  
[72] HORI, YOSHIKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-10-03  
[43] 2001-04-05  
[30] JP (HEI-11-284207) 1999-10-05

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[21] **2,322,085**  
[13] A1  
[51] **Int.Cl. 7A01N 33/12 7A61K 31/14 7A61K 7/48**  
[25] EN  
[54] **ALCOHOL-FREE ANTIBACTERIAL WIPES**  
[54] **CHIFFONS ANTIBACTERIENS SANS ALCOOL**  
[72] ROBERTS, JOSEPH T., US  
[72] DUDEN-ANTENNA, CAROL A., US  
[72] CHANG, SHAW KONG, US  
[72] HINES, WALTER J., US  
[72] LIBRIZZI, JOSEPH J., US  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (09/411,552) 1999-10-04  
[30] US (09/632,992) 2000-08-04

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[21] **2,322,090**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **DYNAMIC LOAD BALANCING DURING MESSAGE PROCESSING IN A WIRELESS COMMUNICATION SERVICE NETWORK**  
[54] **EQUILIBRAGE DYNAMIQUE DES LIGNES DURANT LE TRAITEMENT DE MESSAGES DANS UN RESEAU DE SERVICES DE COMMUNICATION SANS FIL**  
[72] RATHUNDE, DALE FRANK, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-03  
[43] 2001-04-06  
[30] US (09/413,259) 1999-10-06

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[21] **2,322,097**  
[13] A1  
[51] **Int.Cl. 7B64C 11/50 7G05D 17/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING FORCE FIHTS IN A ROTATING SHAFT**  
[54] **METHODE ET DISPOSITIF DE CONTROLE DES DEFORMATIONS D'UN ARBRE EN ROTATION**  
[72] BUILTA, KENNETH EUGENE, US  
[72] FENNY, CARLOS ALEXANDER, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2000-10-02  
[43] 2001-04-05  
[30] US (09/412,690) 1999-10-05

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,322,098**  
[13] A1

[51] **Int.Cl. 7B65D 69/00**  
[25] EN  
[54] **RETAINING LUG NUTS FOR DISPENSING**  
[54] **DISPOSITIF DE RETENUE D'ECROUS A TENONS POUR DISTRIBUTION**  
[72] BEAR, RICHARD W., US  
[71] BEAR, RICHARD W., US  
[22] 2000-10-02  
[43] 2001-04-07  
[30] US (60/158,278) 1999-10-07

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[21] **2,322,100**  
[13] A1

[51] **Int.Cl. 7A61F 13/53**  
[25] EN  
[54] **ABSORBENT ARTICLE**  
[54] **ARTICLE ABSORBANT**  
[72] KURATA, YURI, JP  
[72] KURATA, NOBUHIRO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-10-03  
[43] 2001-04-04  
[30] JP (11-282493) 1999-10-04

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[21] **2,322,101**  
[13] A1

[51] **Int.Cl. 7G08B 21/00 7G01R 19/145**  
[25] EN  
[54] **ALARM SYSTEM FOR DETECTING HAZARDS DUE TO POWER TRANSMISSION LINES**  
[54] **SYSTEME D'ALARME POUR LA DETECTION DE DANGERS ATTRIBUABLES A DES LIGNES DE TRANSPORT D'ELECTRICITE**  
[72] SACKS, H. KENNETH, US  
[72] YENCHEK, MICHAEL P., US  
[72] CAWLEY, JAMES C., US  
[72] HOMCE, GERALD T., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (60/157,575) 1999-10-04

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[21] **2,322,103**  
[13] A1

[51] **Int.Cl. 7B43M 3/04**  
[25] EN  
[54] **APPARATUS FOR PREPARATION OF MAILPIECES AND METHOD FOR DOWNSTREAM CONTROL OF SUCH APPARATUS**  
[54] **APPAREIL DE PREPARATION D'ENVOIS POSTAUX ET METHODE DE COMMANDE EN AVAL DE L'APPAREIL**  
[72] SHEA, MICHAEL, US  
[72] PRITCHARD, EUGENE, US  
[72] HART, WILLIAM G., JR., US  
[71] PITNEY BOWES INC., US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (09/411,080) 1999-10-04

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[21] **2,322,104**  
[13] A1

[51] **Int.Cl. 7F16H 45/02**  
[25] EN  
[54] **MOTIVE-POWER TRANSMISSION DEVICE FOR VEHICLE**  
[54] **DISPOSITIF DE TRANSMISSION DE FORCE MOTRICE POUR VEHICULE**  
[72] HORI, YOSHIKI, JP  
[72] NISHI, TOHRU, JP  
[72] TAKANO, NORIYUKI, JP  
[72] SHICHINOHE, TAKASHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-10-03  
[43] 2001-04-05  
[30] JP (HEI-11-284208) 1999-10-05

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[21] **2,322,106**  
[13] A1

[51] **Int.Cl. 7B43M 3/04**  
[25] EN  
[54] **SYSTEM AND APPARATUS FOR PREPARATION OF MAILPIECES AND METHOD FOR FILE BASED SETUP OF SUCH APPARATUS**  
[54] **SYSTEME ET APPAREIL DE PREPARATION D'OBJETS DE CORRESPONDANCE ET METHODE DE CONFIGURATION DE CET APPAREIL FONDEE SUR DES FICHIERS**  
[72] SHEA, MICHAEL, US  
[72] HART, WILLIAM G., JR., US  
[72] PRITCHARD, EUGENE, US  
[71] PITNEY BOWES INC., US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (09/411,099) 1999-10-04

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[21] **2,322,107**  
[13] A1

[51] **Int.Cl. 7B41J 2/05**  
[25] EN  
[54] **INK JET HEAD SUBSTRATE HAVING HEAT GENERATING RESISTOR AND INK JET HEAD AND RECORDING METHOD USING SAME**  
[54] **SUBSTRAT POUR TETE D'IMPRESSION PAR JET D'ENCRE COMPORTANT UNE RESISTANCE CHAUFFANTE ET TETE POUR IMPRESSION PAR JET D'ENCRE ET METHODE D'ENREGISTREMENT FONCTIONNANT AVEC CE SUBSTRAT**  
[72] KANDA, HIDEHIKO, JP  
[72] KUBOTA, MASAHIKO, JP  
[72] SHIROTA, KOROMO, JP  
[72] OZAKI, TERUO, JP  
[72] KATSURAGI, RYUJI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2000-10-03  
[43] 2001-04-05  
[30] JP (284961/1999(PAT.)) 1999-10-05  
[30] JP (285572/2000(PAT.)) 2000-09-20

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[21] **2,322,113**  
[13] A1

[51] **Int.Cl. 7G06F 12/14 7H04L 9/32 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING USER PERMISSIONS FOR ACCESSING FUNCTIONALITY OF MULTIPLE SOFTWARE APPLICATIONS**  
[54] **SYSTEME ET METHODE DE GESTION DES DROITS D'ACCES DES UTILISATEURS AUX FONCTIONNALITES DE MULTIPLES APPLICATIONS LOGICIELLES**  
[72] BODIE, KEVIN W., US  
[72] SONLEITER, STEVEN P., US  
[72] MANGIAMELI, CINDY, US  
[72] MCMANUS, DEBORAH R., US  
[72] BARNES-SLAVIN, ILEANA D., US  
[71] PITNEY BOWES INC., US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (09/411,672) 1999-10-04

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Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

[21] 2,322,118  
[13] A1

[51] **Int.Cl. 7E21B 44/00**  
[25] EN  
[54] **METHOD FOR OPTIMIZING DRILL BIT AND DRILLING PARAMETER SELECTION USING ROCK STRENGTH MEASUREMENTS MADE FROM DRILL CUTTINGS**  
[54] **METHODE D'OPTIMISATION POUR LA SELECTION D'UN TREPAN ET D'UN PARAMETRE DE FORAGE, A L'AIDE DE MESURES DE LA RESISTANCE DU ROC EFFECTUEES SUR DES DEBLAIS DE FORAGE**  
[72] CIVOLANI, LORENZO, IT  
[72] ZAUSA, FABRIZIO, IT  
[71] ENI S.P.A., IT  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2000-10-03  
[43] 2001-04-04  
[30] US (60/157,444) 1999-10-04  
[30] US (UNKNOWN) 2000-09-27

[21] 2,322,120  
[13] A1

[51] **Int.Cl. 7B41M 5/00 7A63H 33/00 7B41J 3/407**  
[25] EN  
[54] **WATER-METACHROMATIC CLOTH SHEET, TOY SET USING THE SAME, AND WRITING INSTRUMENT FOR WATER-METACHROMATIC MEMBERS**  
[54] **TISSU METACHROMATIQUE SOUS L'EFFET DE L'EAU, ENSEMBLE DE JEU COMPORTANT CE TISSU ET INSTRUMENT POUR ECRIRE SUR DES ELEMENTS METACHROMATIQUES SOUS L'EFFET DE L'EAU**  
[72] KANI, TAKAO, JP  
[72] NAKASHIMA, AKIO, JP  
[71] THE PILOT INK CO., LTD., JP  
[22] 2000-10-03  
[43] 2001-04-05  
[30] JP (11-284005) 1999-10-05

[21] 2,322,124  
[13] A1

[51] **Int.Cl. 7A61B 1/04 7A61B 17/00**  
[25] EN  
[54] **IMPROVED RF BIPOLAR END EFFECTOR FOR USE IN ELECTROSURGICAL INSTRUMENTS**  
[54] **EFFECTEUR TERMINAL BIPOLAIRE RF AMELIORE POUR UTILISATION DANS DES INSTRUMENTS D'ELECTROCHIRURGIE**  
[72] VERSCHOOR, JOHN P., US  
[72] KATZ, HAL H., US  
[72] WAMPLER, SCOTT D., US  
[72] NOLAN, LEO J., US  
[72] HUNT, JOHN V., US  
[71] ETHICON ENDO-SURGERY, INC., US  
[22] 2000-10-03  
[43] 2001-04-05  
[30] US (09/412,479) 1999-10-05

[21] 2,322,125  
[13] A1

[51] **Int.Cl. 7G05F 1/10 7G05B 19/04**  
[25] EN  
[54] **MEASURING INSTRUMENT**  
[54] **INSTRUMENT DE MESURE**  
[72] CAPT, JEAN-GYL, FR  
[72] GERST, PETER, DE  
[72] LUBCKE, WOLFGANG, DE  
[71] ENDRESS + HAUSER GMBH + CO., DE  
[22] 2000-10-03  
[43] 2001-04-07  
[30] EP (99119840.9) 1999-10-07

[21] 2,322,126  
[13] A1

[51] **Int.Cl. 7H01H 59/00 7H01P 1/10**  
[25] EN  
[54] **HIGH ISOLATION MICRO ELECTROMECHANICAL RF SWITCH**  
[54] **COMMUTATEUR RF MICRO-ELECTROMECHANIQUE A ISOLATION ELEVEE**  
[72] DENHOFF, MIKE W., CA  
[72] GRANT, PETER, CA  
[72] MCALISTER, SEAN PATRICK, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 2000-10-03  
[43] 2001-04-05  
[30] US (60/157,793) 1999-10-05

[21] 2,322,128  
[13] A1

[51] **Int.Cl. 7G01V 1/40 7G01V 1/48**  
[25] EN  
[54] **PROCESSING SONIC WAVEFORM MEASUREMENTS FROM ARRAY BOREHOLE LOGGING TOOLS**  
[54] **TRAITEMENT DES MESURES DE FORME D'ONDE SONORE A PARTIR D'OUTILS D'ENREGISTREMENT AVEC DES SONDAS DE Puits EN RESEAU**  
[72] HSU, KAI, US  
[72] BRIE, ALAIN, JP  
[72] VALERO, HENRI-PIERRE, JP  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-10-04  
[43] 2001-04-06  
[30] GB (9923461.9) 1999-10-06

[21] 2,322,133  
[13] A1

[51] **Int.Cl. 7H01R 4/38**  
[25] EN  
[54] **CABLE CONNECTOR**  
[54] **CONNECTEUR DE CABLE**  
[72] TAMM, CARL R., US  
[71] PAN ELECTRIC CORPORATION, US  
[22] 2000-10-03  
[43] 2001-04-06  
[30] US (60/158,012) 1999-10-06  
[30] US (60/164,181) 1999-11-09

[21] 2,322,142  
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04M 11/06**  
[25] EN  
[54] **PROCESS FOR CONSTRUCTING A COMMUNICATION NETWORK**  
[54] **PROCESSUS DE CONSTRUCTION D'UN RESEAU DE COMMUNICATION**  
[72] WOESTE, CHRISTIAN, DE  
[72] PROEHL, FRANK, DE  
[72] SAMSON, LUC L., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-10-04  
[43] 2001-04-07  
[30] DE (199 48 414.7) 1999-10-07

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,322,145**  
[13] A1

[51] **Int.Cl. 7H04L 29/00 7H04M 19/00**  
[25] EN  
[54] **PROVIDING POWER TO A DEVICE OVER A NETWORK TRANSMISSION MEDIUM**  
[54] **ALIMENTATION D'UN PERIPHERIQUE AU MOYEN D'UN SUPPORT DE TRANSMISSION EN RESEAU**  
[72] JACKSON, STEPHEN S., US  
[72] RASIMAS, JENNIFER G., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-04  
[43] 2001-04-06  
[30] US (09/413,141) 1999-10-06

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[21] **2,322,146**  
[13] A1

[51] **Int.Cl. 7C21C 7/00 7C23F 15/00**  
[25] EN  
[54] **RUST-RESISTANT CALCIUM STEEL**  
[54] **ACIER AU CALCIUM RESISTANT A LA ROUILLE**  
[72] TAKEUCHI, SHUJI, JP  
[72] KISHIMOTO, YASUO, JP  
[72] NABESHIMA, SEIJI, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[22] 2000-10-04  
[43] 2001-04-06  
[30] JP (11-285471) 1999-10-06

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[21] **2,322,148**  
[13] A1

[51] **Int.Cl. 7B60D 1/167 7B60D 1/58**  
[25] EN  
[54] **ADJUSTABLE LENGTH CAM ARM FOR WEIGHT DISTRIBUTING HITCH ASSEMBLY**  
[54] **LEVIER A CAMES DE LONGUEUR REGLABLE POUR ATTACHE DE REMORQUAGE A REPARTITION DU POIDS**  
[72] MCCOIGE, CHAD A., US  
[72] MCCOY, RICHARD W., US  
[71] REESE PRODUCTS, INC., US  
[22] 2000-10-04  
[43] 2001-04-05  
[30] US (60/157,757) 1999-10-05

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[21] **2,322,228**  
[13] A1

[51] **Int.Cl. 7B23B 41/16**  
[25] EN  
[54] **APPARATUS FOR FINISHING INSIDE DIAMETER OF WORK**  
[54] **DISPOSITIF D'ALEPAGE**  
[72] GOTO, KANAME, JP  
[72] ABE, YUZO, JP  
[72] KONDO, YASUO, JP  
[72] ARAI, KOICHI, JP  
[72] UENO, TSUGIO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-10-04  
[43] 2001-04-05  
[30] JP (11-284429) 1999-10-05  
[30] JP (11-284430) 1999-10-05  
[30] JP (11-284431) 1999-10-05  
[30] JP (11-284432) 1999-10-05  
[30] JP (11-284433) 1999-10-05  
[30] JP (11-284502) 1999-10-05  
[30] JP (11-284503) 1999-10-05

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[21] **2,322,231**  
[13] A1

[51] **Int.Cl. 7C07H 19/167 7C12P 19/40**  
[25] EN  
[54] **PROCESS FOR THE PURIFICATION OF S-ADENOSYL-L-METHIONINE AND FOR THE PREPARATION OF THE PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF**  
[54] **PROCEDE DE PURIFICATION DE LA S-ADENOSYL-L-METHIONINE ET DE PREPARATION DE SELS DE CE COMPOSE CONVENANT A DES APPLICATIONS PHARMACEUTIQUES**  
[72] SANTAMBROGIO, GIANNI, IT  
[72] POLASTRI, FRANCO, IT  
[72] SIVIERI, LINO, IT  
[71] GNOSIS S.R.L., IT  
[71] CEMENTECNO S.R.L., IT  
[22] 2000-10-04  
[43] 2001-04-05  
[30] IT (MI99A 002070) 1999-10-05

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[21] **2,322,236**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING REVERSE LINK INTERFERENCE RISE AND POWER CONTROL INSTABILITY IN A WIRELESS SYSTEM**  
[54] **METHODE ET APPAREILLAGE POUR LIMITER LA HAUSSE DU BROUILLAGE DE LIAISON INVERSE ET L'INSTABILITE DE LA COMMANDE D'ALIMENTATION DANS UN SYSTEME SANS FIL**  
[72] SONG, LEI, US  
[72] THOMAS, MATHEW, US  
[72] VITEBSKY, STANLEY, US  
[72] IBANEZ, MARC BENEDICT, US  
[72] GANDHI, ASIF DAWOODI, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-03  
[43] 2001-04-06  
[30] US (09/413,036) 1999-10-06

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[21] **2,322,240**  
[13] A1

[51] **Int.Cl. 7D01F 8/12 7H01B 1/24**  
[25] EN  
[54] **ELECTRICALLY-CONDUCTIVE COMPOSITE FIBER**  
[54] **FIBRE COMPOSITE ELECTROCONDUCTRICE**  
[72] KAWAMOTO, MASAO, JP  
[72] HOKIMOTO, AKIHIRO, JP  
[72] TANAKA, KAZUHIKO, JP  
[72] MATSUO, YOSHITERU, JP  
[71] KURARAY CO., LTD., JP  
[22] 2000-10-04  
[43] 2001-04-06  
[30] JP (285464/1999) 1999-10-06

Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,322,244**  
[13] A1  
[51] **Int.Cl. 7G06K 11/18 7G06F 3/033**  
[25] EN  
[54] **INPUT DEVICE OF 3-D  
TRANSLATION AND ROTATION AND  
ITS METHOD AND RECORDING  
MEDIUM**  
[54] **DISPOSITIF D'ENTREE DE  
TRANSLATION ET ROTATION 3D ET  
METHODE ET SUPPORT  
D'ENREGISTREMENT CONNEXES**  
[72] MOCHIZUKI, KENJI, JP  
[72] MEGURO, SHINICHI, JP  
[72] KATO, KOICHI, JP  
[71] NIPPON TELEGRAPH AND  
TELEPHONE CORPORATION, JP  
[22] 2000-10-04  
[43] 2001-04-05  
[30] JP (11-283670) 1999-10-05

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[21] **2,322,246**  
[13] A1  
[51] **Int.Cl. 7H04L 7/10 7H04L 27/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
DETECTION OF SHORT DIGITAL  
RADIO MESSAGES**  
[54] **METHODE ET SYSTEME DE  
DETECTION DE MESSAGES RADIO  
NUMERIQUES COURTS**  
[72] MOHER, MICHAEL L., CA  
[72] CROZIER, STEWART N., US  
[72] GUINAND, PAUL, CA  
[71] HER MAJESTY THE QUEEN IN  
RIGHT OF CANADA AS REPRESENTED  
BY THE MINISTER, CA  
[22] 2000-10-04  
[43] 2001-04-05  
[30] US (09/412,229) 1999-10-05

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[21] **2,322,247**  
[13] A1  
[51] **Int.Cl. 7G06T 5/00 7G11C 7/00  
7H04N 1/405**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
RECORDING AN IMAGE**  
[54] **SYSTEME ET METHODE  
D'ENREGISTREMENT D'UNE IMAGE**  
[72] YOSEFI, HANAN, IL  
[71] CREOSCITEX CORPORATION LTD.,  
IL  
[22] 2000-10-04  
[43] 2001-04-06  
[30] US (09/413,404) 1999-10-06

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[21] **2,322,249**  
[13] A1  
[51] **Int.Cl. 7A23L 1/16**  
[25] EN  
[54] **MICROWAVEABLE PASTA PIE**  
[54] **TARTE DE PATES  
ALIMENTAIRES POUVANT ETRE  
CUITE AU FOUR A MICRO-ONDES**  
[72] CELSI, GIAMPIETRO, IT  
[71] CELSI, GIAMPIETRO, IT  
[22] 2000-10-04  
[43] 2001-04-05  
[30] US (09/412,669) 1999-10-05

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[21] **2,322,264**  
[13] A1  
[51] **Int.Cl. 7A45F 3/18**  
[25] EN  
[54] **TRAVEL MUG**  
[54] **TASSE DE VOYAGE**  
[72] BARROW, JOHN MICHAEL, US  
[72] LEONHARD, CURTISS L., US  
[71] IMAGE HOLDINGS, INC., US  
[22] 2000-10-04  
[43] 2001-04-04  
[30] US (60/157,430) 1999-10-04

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[21] **2,322,267**  
[13] A1  
[51] **Int.Cl. 7G08C 19/02**  
[25] EN  
[54] **SIGNAL-IDENTIFYING CIRCUIT  
ARRANGEMENT**  
[54] **MONTAGE D'UN CIRCUIT  
IDENTIFICATEUR DE SIGNAUX**  
[72] SCHMIDT, DIETER, DE  
[71] ENDRESS + HAUSER WETZER  
GMBH + CO. KG, DE  
[22] 2000-10-04  
[43] 2001-04-07  
[30] DE (199 48 430.9) 1999-10-07

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[21] **2,322,339**  
[13] A1  
[51] **Int.Cl. 7C09J 7/02 7B32B 7/12 7E04B  
1/66**  
[25] EN  
[54] **ADHESIVE VAPOUR BARRIER  
TAPE FOR A RIDGE PURLIN**  
[54] **RUBAN PARE-VAPEUR ADHESIF  
POUR PANNE FAITIERE**  
[72] SIEBER, MARCO, CH  
[72] SIEBER, RETO, CH  
[71] SILU VERWALTUNG AG, CH  
[22] 2000-10-02  
[43] 2001-04-06  
[30] DE (199 48 058.3) 1999-10-06

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[21] **2,322,341**  
[13] A1  
[51] **Int.Cl. 7C08B 30/20 7A23L 1/0522  
7C12P 19/14**  
[25] EN  
[54] **HIGHLY RESISTANT GRANULAR  
STARCH**  
[54] **AMIDON GRANULAIRE  
FORTEMENT RESISTANT**  
[72] JEFFCOAT, ROGER, US  
[72] SHI, YONG CHENG, US  
[71] NATIONAL STARCH AND  
CHEMICAL INVESTMENT HOLDING  
CORPORATION, US  
[22] 2000-10-02  
[43] 2001-04-01  
[30] US (60/157,370) 1999-10-01  
[30] US (09/671,523) 2000-09-27

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[21] **2,322,346**  
[13] A1  
[51] **Int.Cl. 7C07D 209/12 7C07D 403/06  
7C07D 209/42**  
[25] EN  
[54] **ACYLATION PROCESS**  
[54] **PROCEDE D'ACYLATION**  
[72] PERKINS, JOLYON FRANCIS, GB  
[71] PFIZER INC., US  
[22] 2000-09-29  
[43] 2001-04-01  
[30] GB (9923314.0) 1999-10-01

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[21] **2,322,350**  
[13] A1  
[51] **Int.Cl. 7B41J 2/175**  
[25] EN  
[54] **REPLACEABLE INK CARTRIDGE  
FOR INK JET PEN**  
[54] **CARTOUCHE D'ENCRE  
REMPLA \_ABLE POUR IMPRIMANTE  
A JET D'ENCRE**  
[72] LATTUCA, MICHAEL DAVID, US  
[72] WARD, DAVID AMOS, US  
[72] KOMPLIN, STEVEN ROBERT, US  
[72] LONG, GREGORY ALAN, US  
[71] LEXMARK INTERNATIONAL, INC.,  
US  
[22] 2000-10-05  
[43] 2001-04-06  
[30] US (09/413,442) 1999-10-06

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,322,353**  
[13] A1

[51] **Int.Cl. 7B65H 16/02**  
[25] EN  
[54] **QUICK RELEASE SYSTEM FOR MOUNTED ROLLERS**  
[54] **SYSTEME DE DECROCHAGE RAPIDE DE ROULEAUX FIXES**  
[72] POTTIER, BENOIT, FR  
[71] ITW MIMA SYSTEMS, SA, FR  
[22] 2000-10-04  
[43] 2001-04-07  
[30] EP (99307923.5) 1999-10-07

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[21] **2,322,359**  
[13] A1

[51] **Int.Cl. 7B01J 23/882 7C10G 45/08 7B01J 23/883**  
[25] EN  
[54] **HYDROTREATING CATALYST AND PROCESS FOR HYDROTREATING HYDROCARBON OILS USING THE SAME**  
[54] **CATALYSEUR D'HYDROTRAITEMENT ET PROCEDE POUR HYDROTRAITER DES HUILES HYDROCARBONEES A L'AIDE DE CELUI-CI**  
[72] IJIMA, MASAHIKO, JP  
[72] HASHIMOTO, TAKAO, JP  
[72] OKAYASU, YOSHINOBU, JP  
[72] ISODA, TAKESHI, JP  
[71] TONENGENERAL SEKIYU K. K., JP  
[22] 2000-10-05  
[43] 2001-04-07  
[30] JP (287424/99) 1999-10-07

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[21] **2,322,361**  
[13] A1

[51] **Int.Cl. 7B31F 1/12**  
[25] EN  
[54] **CREPING BLADE, SYSTEM, AND METHOD FOR CREPING A CELLULOSIC WEB**  
[54] **LAME DE CREPAGE, SYSTEME ET METHODE DE CREPAGE D'UNE BANDE CELLULOSIQUE CONTINUE**  
[72] GRACYALNY, DALE T., US  
[72] JOHNSON, DOUGLAS W., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-10-05  
[43] 2001-04-07  
[30] US (60/158,024) 1999-10-07

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[21] **2,322,362**  
[13] A1

[51] **Int.Cl. 7B01J 23/882 7B01J 23/883**  
[25] EN  
[54] **METHOD FOR PRODUCING HYDROTREATING CATALYST**  
[54] **METHODE POUR PRODUIRE UN CATALYSEUR D'HYDROTRAITEMENT**  
[72] OKAYASU, YOSHINOBU, JP  
[72] HASHIMOTO, TAKAO, JP  
[72] IJIMA, MASAHIKO, JP  
[72] ISODA, TAKESHI, JP  
[71] TONENGENERAL SEKIYU K. K., JP  
[22] 2000-10-05  
[43] 2001-04-07  
[30] JP (287425/99) 1999-10-07

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[21] **2,322,366**  
[13] A1

[51] **Int.Cl. 7F16K 31/06**  
[25] EN  
[54] **ELECTRICALLY OPERATED PRESSURE CONTROL VALVE**  
[54] **SOUPAPE ELECTRIQUE REGULATRICE DE PRESSION**  
[72] POTTER, JAMES CLIFTON, US  
[71] EATON CORPORATION, US  
[22] 2000-10-05  
[43] 2001-04-07  
[30] US (414,282) 1999-10-07

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[21] **2,322,367**  
[13] A1

[51] **Int.Cl. 7G01D 18/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CALIBRATING A NON-CONTACT GAUGING SENSOR WITH RESPECT TO AN EXTERNAL COORDINATE SYSTEM**  
[54] **METHODE ET APPAREIL D'ETALONNAGE D'UN CAPTEUR DE JAUGEAGE SANS CONTACT PAR RAPPORT A UN SYSTEME DE COORDONNEES EXTERNE**  
[72] DALE, GREGORY A., US  
[72] GREER, DALE R., US  
[71] PERCEPTION, INC., US  
[22] 2000-10-05  
[43] 2001-04-05  
[30] US (60/157,769) 1999-10-05  
[30] US (60/185,796) 2000-02-29

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[21] **2,322,369**  
[13] A1

[51] **Int.Cl. 7F02N 11/08 7B60R 25/04**  
[25] EN  
[54] **FLEXIBLE ALARM BYPASS MODULE FOR A VEHICLE**  
[54] **MODULE DE SHUNTAGE D'ALARME FLEXIBLE POUR VEHICULE**  
[72] GOTTLIEB, MARK, US  
[72] CADIEUX, JOCELYN A., US  
[72] NELSON, KENNETH L., US  
[71] DESIGNTECH INTERNATIONAL, INC., US  
[22] 2000-10-05  
[43] 2001-04-06  
[30] US (09/412,602) 1999-10-06

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[21] **2,322,370**  
[13] A1

[51] **Int.Cl. 7C12N 1/20 7A01N 63/02**  
[25] EN  
[54] **BACILLUS SPECIES FOR REDUCING FUSARIUM HEAD BLIGHT IN CEREALS**  
[54] **ESPECE DE BACILLUS POUR REDUIRE LA FUSARIOSE DE L'EPI DES CEREALES**  
[72] BOEHM, MICHAEL J., US  
[72] KHAN, NASEEM I., US  
[72] SCHISLER, DAVID A., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US  
[71] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, AN INSTRUMENTALITY OF THE, US  
[22] 2000-10-05  
[43] 2001-04-07  
[30] US (09/414,097) 1999-10-07

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[21] **2,322,372**  
[13] A1

[51] **Int.Cl. 7C07D 317/20 7C07D 317/24 7C07D 317/30**  
[25] EN  
[54] **4-METHYLENE-1,3-DIOXOLANES HAVING FUNCTIONAL GROUPS**  
[54] **4-METHYLENE-1,3-DIOXOLANES CONTENANT DES GROUPE FONCTIONNELS**  
[72] GRAHE, GERWALD F., DE  
[72] FRINGS, RAINER B., DE  
[72] HARTL, HELMUT, DE  
[71] DAINIPPON INK AND CHEMICALS, INC., JP  
[22] 2000-10-05  
[43] 2001-04-06  
[30] EP (99119160.2) 1999-10-06

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Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001

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[21] **2,322,373**  
[13] A1  
[51] **Int.Cl. 7B32B 27/06 7B32B 27/20 7B32B 27/32**  
[25] EN  
[54] **MULTI-LAYER SYNTHETIC FILM**  
[54] **FILM SYNTHETIQUE MULTICOUCHE**  
[72] NETTESHEIM, STEFAN, CH  
[71] SIG PACK SYSTEMS AG, CH  
[22] 2000-10-05  
[43] 2001-04-07  
[30] CH (1835/99) 1999-10-07

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[21] **2,322,377**  
[13] A1  
[51] **Int.Cl. 7F16L 59/14 7F16L 59/10**  
[25] EN  
[54] **PIPING JACKET**  
[54] **CHEMISAGE DE TUYAUTERIE**  
[72] TAKO, ANTHONY, US  
[72] LENOX, WALTER WILLIAM, US  
[71] A. J. GERRARD & COMPANY, US  
[22] 2000-10-05  
[43] 2001-04-06  
[30] US (09/413,646) 1999-10-06

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[21] **2,322,390**  
[13] A1  
[51] **Int.Cl. 7F24C 15/06 7F24C 3/00**  
[25] EN  
[54] **LOW CARBON MONOXIDE LOG FOR GAS-FUELED FIREPLACE**  
[54] **BUCHE POUR CHEMINEE AU GAZ NATUREL PERMETTANT DE REDUIRE LA CONCENTRATION DE MONOXYDE DE CARBONE**  
[72] PATIL, SUHAS N., US  
[72] BORING, DAVID ERIC, US  
[71] RFW, INC., US  
[22] 2000-10-05  
[43] 2001-04-06  
[30] US (60/157,935) 1999-10-06

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[21] **2,322,560**  
[13] A1  
[51] **Int.Cl. 7A61K 31/573 7A61P 19/02 7A61P 11/06 7A61P 37/08 7A61K 31/58**  
[25] EN  
[54] **CORTICOID THERAPY**  
[54] **CORTICOTHERAPIE**  
[72] HODGEN, GARY D., US  
[71] MEDICAL COLLEGE OF HAMPTON ROADS, US  
[22] 2000-10-06  
[43] 2001-04-06  
[30] US (09/413,421) 1999-10-06

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[21] **2,322,608**  
[13] A1  
[51] **Int.Cl. 7G02B 6/36 7G02B 6/38**  
[25] EN  
[54] **AN OPTICAL CONNECTOR HAVING A ONE-PIECE HOUSING**  
[54] **CONNECTEUR OPTIQUE A BOITIER MONOPIECE**  
[72] NIELSON, JEFFREY DALE, US  
[72] DRISCOLL, ELIZABETH J., US  
[72] MAY, JOHN FRANCIS, US  
[72] LAMPERT, NORMAN R., US  
[71] SUBH, NAIF TALEB, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-06  
[43] 2001-04-06  
[30] US (09/413,431) 1999-10-06

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[21] **2,322,901**  
[13] A1  
[51] **Int.Cl. 7H01H 71/46 7H01H 71/12**  
[25] EN  
[54] **GAS INSULATING SWITCHGEAR**  
[54] **MATERIEL DE COMMUTATION A ISOLATION DE GAZ**  
[72] LEE, SEOK WON, KR  
[71] LG INDUSTRIAL SYSTEMS CO., LTD., KR  
[22] 2000-10-06  
[43] 2001-04-07  
[30] KR (43295/1999) 1999-10-07

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[21] **2,322,908**  
[13] A1  
[51] **Int.Cl. 7H04L 29/10**  
[25] EN  
[54] **SEMI TRANSPARENT TRIBUTARY FOR SYNCHRONOUS TRANSMISSION**  
[54] **STATION TRIBUTAIRE SEMI-TRANSPARENT PERMETTANT LES TRANSMISSIONS SYNCHRONES**  
[72] GOODMAN, DAVID M., GB  
[72] MURTON, CHRIS, GB  
[72] BRADY, JAYNE, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-06  
[43] 2001-04-07  
[30] US (09/414,367) 1999-10-07

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[21] **2,323,009**  
[13] A1  
[51] **Int.Cl. 7H02H 7/00 7H02J 3/00 7G01R 27/00 7H02H 7/26**  
[25] EN  
[54] **PROTECTION SYSTEM FOR DEVICES IN AN ELECTRICAL DISTRIBUTION NETWORK**  
[54] **SYSTEME DE PROTECTION DE DISPOSITIFS DANS UN RESEAU DE DISTRIBUTION ELECTRIQUE**  
[72] WU, SHAWKANG, US  
[71] MCGRAW EDISON COMPANY, US  
[22] 2000-10-06  
[43] 2001-04-07  
[30] US (60/158,023) 1999-10-07  
[30] US (09/426,180) 1999-10-25

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[21] **2,323,019**  
[13] A1  
[51] **Int.Cl. 7C12N 1/20 7C12Q 1/00 7A01N 63/02 7C12Q 1/18 7G01N 33/569**  
[25] EN  
[54] **BACTERIA AND YEASTS FOR REDUCING FUSARIUM HEAD BLIGHT IN CEREALS AND SELECTION THEREOF**  
[54] **BACTERIES ET LEVURES POUR REDUIRE LA BRULURE DE L'EPI DES CEREALES ET SELECTION DE CES DERNIERES**  
[72] SCHISLER, DAVID A., US  
[72] BOEHM, MICHAEL J., US  
[72] KHAN, NASEEM I., US  
[71] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, AN INSTRUMENTALITY OF THE, US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL, US  
[22] 2000-10-06  
[43] 2001-04-07  
[30] US (09/414,200) 1999-10-07

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[21] **2,323,021**  
[13] A1  
[51] **Int.Cl. 7A01N 53/08 7A01N 25/34**  
[25] EN  
[54] **PESTICIDAL TREATMENT MATERIALS**  
[54] **MATERIAUX DE TRAITEMENT PESTICIDE**  
[72] HILL, NIGEL LAMBERT, GB  
[71] ALLERGY TECHNOLOGY LIMITED, GB  
[22] 2000-10-06  
[43] 2001-04-06  
[30] GB (9923585.5) 1999-10-06

**Demandes canadiennes mises à la disponibilité du public**  
**1 avril 2001 - 7 avril 2001**

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[21] **2,323,023**

[13] A1

[51] **Int.Cl. 7H03F 3/68 7H04S 7/00 7H04B**  
**1/26 7H03F 3/45**

[25] EN

[54] **DOUBLE BALANCED MIXER**

[54] **MELANGEUR DOUBLEMENT**  
**SYMETRIQUE**

[72] AMACHI, NOBUMITSU, JP

[72] HIGASHIKAWA, YOSHIKUNI, JP

[72] FUJIWARA, HIROKI, JP

[71] MURATA MANUFACTURING CO.,  
LTD., JP

[22] 2000-10-06

[43] 2001-04-07

[30] JP (11-286651) 1999-10-07

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[21] **2,326,542**

[13] A1

[51] **Int.Cl. 7G06F 3/00 7G01D 5/00**

[25] EN

[54] **ULTRASOUND COMPUTER**

**CONTROL DEVICE**

[54] **DISPOSITIF DE COMMANDE**  
**D'ORDINATEUR PAR ULTRASON**

[72] VDOVENKOV, ILIA, CA

[71] VDOVENKOV, ILIA, CA

[22] 2000-12-04

[43] 2001-04-02



**Canadian Laid-Open Applications  
April 1, 2001 - April 7, 2001**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

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[21] **2,290,340**  
[13] A1

[51] **Int.Cl. 7C09C 1/62**  
[25] EN  
[54] **PROCESS FOR PREPARING WATER RESISTANT LUMINOUS PIGMENTS**  
[54] **METHODE DE PREPARATION DE PIGMENTS LUMINESCENTS RESISTANT A L'EAU**  
[72] HOSHIKAWA, RYUICHI, JP  
[72] KITAGAWA, YOSUKE, JP  
[71] MATSUI SHIKISO CHEMICAL CO., LTD., JP  
[85] 1999-11-17  
[86] 1999-10-07 (PCT/JP99/05541)  
[87] 2001-04-07 ()

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[21] **2,330,648**  
[13] A1

[51] **Int.Cl. 7E02F 3/48 7E02F 3/58**  
[25] EN  
[54] **DRAGLINE RIGGING SYSTEM**  
[54] **SYSTEME DE REGLAGE DE PELLE A BENNE TRAINANTE**  
[72] MURRAY, GEORGE BARNARD, ZA  
[71] CATERPILLAR COMMERCIAL SARL, CH  
[85] 2000-10-31  
[86] 2000-06-13 (PCT/IB00/00782)  
[87] 2001-04-05 ()  
[30] ZA (99/6316) 1999-10-05

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[21] **2,332,131**  
[13] A1

[51] **Int.Cl. 6C12N 15/02 6C12P 21/08 6C12N 5/12 6G01N 33/573 6G01N 33/577**  
[25] EN  
[54] **SERINE PROTEASE-SPECIFIC MONOCLONAL ANTIBODY AND UTILIZATION THEREOF**  
[54] **ANTICORPS MONOCLONAL SPECIFIQUE A LA SERINE PROTEASE ET SON UTILISATION**  
[72] KOMINAMI, KATSUYA, JP  
[72] MITSUI, SHINICHI, JP  
[72] OKUI, AKIRA, JP  
[72] YAMAGUCHI, NOZOMI, JP  
[71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP  
[85] 2000-12-27  
[86] 1999-07-02 (PCT/JP99/03578)  
[87] 2000-01-13 (WO00/01807)  
[30] JP (10/187506) 1998-07-02

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[21] **2,332,309**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 16/18 7C07K 16/28 7C07K 14/47 7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **NEUROTRANSMISSION ASSOCIATED PROTEINS**  
[54] **PROTEINES ASSOCIEES A LA NEUROTRANSMISSION**  
[72] LAL, PREETI, US  
[72] TANG, Y. TOM, US  
[72] CORLEY, NEIL C., US  
[72] YUE, HENRY, US  
[72] GORGONE, GINA A., US  
[72] GUEGLER, KARL J., US  
[72] PATTERSON, CHANDRA, US  
[72] BAUGHN, MARIAH R., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-12-29  
[86] 1999-07-02 (PCT/US99/15121)  
[87] 2000-01-13 (WO00/01821)  
[30] US (60/091,677) 1998-07-02

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[21] **2,332,339**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **IMPROVED METHOD FOR SIMULTANEOUS IDENTIFICATION OF DIFFERENTIALLY EXPRESSED MRNAS AND MEASUREMENT OF RELATIVE CONCENTRATIONS**  
[54] **PROCEDE AMELIORE D'IDENTIFICATION SIMULTANEE D'UNE PLURALITE D'ARNM EXPRIMES DE FACON DIFFERENTIELLE ET DE MESURE DES CONCENTRATIONS RELATIVES**  
[72] SUTCLIFFE J., GREGOR, US  
[72] HASEL, KARL W., US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[85] 2000-12-29  
[86] 1999-06-30 (PCT/US99/14852)  
[87] 2000-01-06 (WO00/00645)  
[30] US (09/108,099) 1998-06-30

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[21] **2,332,698**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 16/18 6C07K 14/47 6C12Q 1/68**  
[25] EN  
[54] **SUGAR TRANSPORTER**  
[54] **TRANSPORTEUR DE SUCRE**  
[72] YOSHIMOTO, MAKOTO, JP  
[72] YAZAKI, MADOKA, JP  
[72] MATSUMOTO, KAYO, JP  
[72] TSURITANI, KATSUKI, JP  
[72] TAKAYAMA, KIYOSHI, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP  
[85] 2000-12-29  
[86] 1999-07-02 (PCT/JP99/03569)  
[87] 2000-01-13 (WO00/01725)  
[30] JP (10/187235) 1998-07-02

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,333,252</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/48</b> [25] EN [54] <b>USE OF BROMELAIN PROTEASES FOR INHIBITING BLOOD COAGULATION</b> [54] <b>UTILISATION DE BROMELAINE PROTEASES POUR EMPECHER LA COAGULATION DU SANG</b> [72] GRABOWSKA, EDYTA, DE [72] ECKERT, KLAUS, DE [72] ESCHMANN, KLAUS, DE [72] MAURER, RAINER, DE [71] URSAPHARM ARZNEIMITTEL GMBH, DE [85] 2001-01-08 [86] 1998-07-15 (PCT/EP98/04406) [87] 2000-01-27 (WO00/03729)</p>	<p style="text-align: right;">[21] <b>2,333,465</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/85 7C12N 15/00 7C12N 15/09 7A61K 38/18 7C07K 14/495 7C12N 15/63</b> [25] EN [54] <b>GROWTH DIFFERENTIATION FACTOR PROMOTER AND USES THEREFOR</b> [54] <b>PROMOTEUR DE FACTEUR DE DIFFERENCIATION DE CROISSANCE ET SES UTILISATIONS</b> [72] LIANG, LI-FANG, US [71] METAMORPHIX, INC., US [85] 2001-01-11 [86] 1999-07-15 (PCT/US99/16026) [87] 2000-01-27 (WO00/04051) [30] US (60/092,865) 1998-07-15 [30] US (60/123,270) 1999-03-08</p>	<p style="text-align: right;">[21] <b>2,334,042</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/17 7C12N 1/21 7C07K 16/28 7C12N 15/62 7C07K 14/715</b> [25] EN [54] <b>ORPHAN CYTOKINE RECEPTOR</b> [54] <b>RECEPTEUR DE CYTOKINE ORPHELIN</b> [72] MASIAKOWSKI, PIOTR J., US [71] REGENERON PHARMACEUTICALS, INC., US [85] 2001-01-10 [86] 1999-07-15 (PCT/US99/15982) [87] 2000-02-03 (WO00/05370) [30] US (09/120,601) 1998-07-22</p>
<p style="text-align: right;">[21] <b>2,333,253</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68</b> [25] EN [54] <b>MOLECULAR TORCHES</b> [54] <b>TORCHES MOLECULAIRES</b> [72] SCHROTH, GARY, US [72] BECKER, MICHAEL M., US [71] GEN-PROBE INCORPORATED, US [85] 2001-01-02 [86] 1999-07-01 (PCT/US99/15098) [87] 2000-01-13 (WO00/01850) [30] US (60/091,616) 1998-07-02</p>	<p style="text-align: right;">[21] <b>2,333,466</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/28 7G01N 33/50 7C07K 14/705</b> [25] EN [54] <b>GBS TOXIN RECEPTOR</b> [54] <b>RECEPTEUR DE LA TOXINE GBS</b> [72] FU, CHANGLIN, US [72] HELLERQVIST, CARL G., US [71] VANDERBILT UNIVERSITY, US [85] 2001-01-12 [86] 1999-07-22 (PCT/US99/16676) [87] 2000-02-03 (WO00/05375) [30] US (60/093,843) 1998-07-22</p>	<p style="text-align: right;">[21] <b>2,334,043</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/31 7C07K 19/00 7A01N 63/02 7A61K 39/07 7C07K 14/32 7C12N 9/56 7C12N 15/57 7C12N 15/62 7C12N 15/75</b> [25] EN [54] <b>ANTIBIOTIC PROTEIN AND METHOD OF PRODUCTION</b> [54] <b>PROTEINE ANTIBIOTIQUE ET SON PROCEDE DE PRODUCTION</b> [72] STOVER, AXEL, US [72] DRIKS, ADAM, US [71] LOYOLA UNIVERSITY OF CHICAGO, US [85] 2001-01-10 [86] 1999-07-09 (PCT/US99/15488) [87] 2000-01-20 (WO00/03018) [30] US (60/092,397) 1998-07-10</p>
<p style="text-align: right;">[21] <b>2,333,254</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34</b> [25] EN [54] <b>METHOD FOR SIMULTANEOUS IDENTIFICATION OF DIFFERENTIALLY EXPRESSED MRNAS AND MEASUREMENT OF RELATIVE CONCENTRATIONS</b> [54] <b>PROCEDE DE DIFFERENTIATION SIMULTANEE D'ARN MESSAGERS EXPRIMES DE MANIERE DIFFERENTIEE ET PROCEDE DE MESURE DES CONCENTRATIONS RELATIVES</b> [72] HASEL, KARL W., US [72] SUTCLIFFE, J. GREGOR, US [72] ERLANDER, MARK G., US [71] THE SCRIPPS RESEARCH INSTITUTE, US [85] 2000-12-29 [86] 1999-06-30 (PCT/US99/14940) [87] 2000-01-06 (WO00/00646) [30] US (09/108,100) 1998-06-30</p>	<p style="text-align: right;">[21] <b>2,333,491</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 9/96 6C11D 3/386</b> [25] EN [54] <b>A POLYPEPTIDE-POLYMER CONJUGATE WITH IMPROVED WASH PERFORMANCE</b> [54] <b>CONJUGUE POLYPEPTIDE-POLYMERES A EFFICACITE DE LAVAGE AMELIOREE</b> [72] DEUSSEN, HEINZ-JOSEF, DK [72] PETERSEN, DORTE AABY, DK [72] BAUDITZ, PETER, DK [72] OLSEN, ARNE AGERLIN, DK [72] FATUM, TINE MUXOLL, DK [71] NOVOZYMES A/S, DK [85] 2001-01-12 [86] 1999-07-16 (PCT/DK99/00406) [87] 2000-01-27 (WO00/04138) [30] DK (PA 1998 00951) 1998-07-17</p>	

## Demandes PCT entrant en phase nationale

[21] **2,334,044**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A23D 9/00 7C12N 9/02 7C12N 5/10 7A23K 1/14 7C12N 15/52 7C12N 15/82**

[25] EN  
[54] **GENES FOR PLANT FATTY ACID MODIFYING ENZYMES ASSOCIATED WITH CONJUGATED DOUBLE BOND FORMATION**

[54] **GENES POUR ENZYMES DE MODIFICATION D'ACIDES GRAS VEGETAUX ASSOCIEES A LA FORMATION DE LIAISON DOUBLE CONJUGUEE**

[72] CAHOON, EDGAR BENJAMIN, US  
[72] CARLSON, THOMAS J., US  
[72] RIPP, KEVIN G., US  
[72] HITZ, WILLIAM DEAN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-01-09  
[86] 1999-08-16 (PCT/US99/18562)  
[87] 2000-03-02 (WO00/11176)  
[30] US (60/097,186) 1998-08-20  
[30] US (60/142,756) 1999-07-08

[21] **2,334,045**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12N 5/10 6C12N 15/63 6C12Q 1/70 6C12N 15/86**

[25] EN  
[54] **ADENOVIRAL BASED PROMOTER ASSAY**

[54] **CRIBLAGE D'UN PROMOTEUR PAR VECTEURS ADENOVIRAUX**

[72] MORSY, MANAL A., US  
[72] RUSHMORE, THOMAS H., US  
[72] RICHARDS, KAREN, US  
[71] MERCK & CO., INC., US  
[85] 2001-01-12  
[86] 1999-07-09 (PCT/US99/15563)  
[87] 2000-01-27 (WO00/04185)  
[30] US (60/092,777) 1998-07-14

[21] **2,334,046**  
[13] A1

[51] **Int.Cl. 7C12N 9/22 7C07K 1/22 7A61K 39/395 7C07K 16/40 7A61K 38/43**

[25] EN  
[54] **3'-EXONUCLEASE, ITS PREPARATION AND USE**

[54] **3'-EXONUCLEASE, SA PREPARATION ET SON UTILISATION**

[72] NEUMANN, THOMAS, DE  
[72] REN, YANGUO, SE  
[72] HULS, CHRISTOPH, DE  
[72] GALLERT, KARL-CHRISTIAN, DE  
[72] MARTINEZ, JAVIER, SE  
[72] VIRTANEN, ANDERS, SE  
[72] THURESSON, ANN-CHARLOTTE, SE  
[72] ASTROM, JONAS, SE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE  
[85] 2000-12-28  
[86] 1999-06-17 (PCT/EP99/04200)  
[87] 2000-01-06 (WO00/00596)  
[30] DE (198 28 711.9) 1998-06-29

[21] **2,334,047**  
[13] A1

[51] **Int.Cl. 7C07K 16/28 7C12N 5/10 7C12N 15/13 7A61K 39/395 7C07K 16/46 7C12N 15/62 7C12N 15/85**

[25] EN  
[54] **ANTIBODY PREPARATION**

[54] **PREPARATION D'ANTICORPS**

[72] WALDMANN, HERMAN, GB  
[72] FREWIN, MARK, GB  
[71] BTG INTERNATIONAL LIMITED, GB  
[85] 2001-01-15  
[86] 1999-07-21 (PCT/GB99/02380)  
[87] 2000-02-03 (WO00/05268)  
[30] GB (9815909.8) 1998-07-21

[21] **2,334,171**  
[13] A1

[51] **Int.Cl. 6C12N 15/79 6A61K 48/00 6A61K 38/17 6C07K 14/47 6C07K 14/475**

[25] EN  
[54] **GENE THERAPY METHOD**

[54] **METHODE DE THERAPIE GENIQUE**

[72] CAMPBELL, CALLUM JEFFREY, GB  
[72] SCHWACHTGEN, JEAN-LUC, DE  
[72] BRADDOCK, MARTIN, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2000-12-01  
[86] 1999-06-02 (PCT/GB99/01722)  
[87] 1999-12-09 (WO99/62561)  
[30] GB (9811836.7) 1998-06-02  
[30] GB (9815035.2) 1998-07-11  
[30] GB (9819846.8) 1998-09-12  
[30] GB (9828578.6) 1998-12-23

[21] **2,334,914**  
[13] A1

[51] **Int.Cl. 6G01N 33/53 6A61K 38/00 6C12N 5/00 6C12N 15/00 6C12N 5/02 6C07H 21/04 6C12P 21/04 6G01N 33/48 6G01N 33/574 6C12Q 1/68**

[25] EN  
[54] **METHODS FOR DETERMINING PRESENCE OF CANCER IN A SAMPLE BY DETERMINING EXPRESSION OF AN SSX GENE, PEPTIDES DERIVED FROM SAID SSX GENE AND NY-ESO-1 GENE, AND USES THEREOF**

[54] **METHODES DE DETERMINATION DE LA PRESENCE D'UN CANCER DANS UN ECHANTILLON PAR DETERMINATION DE L'EXPRESSION D'UN GENE SSX, PEPTIDES DERIVES DE CE GENE SSX ET DU GENE NY-ESO-1 ET LEURS UTILISATIONS**

[72] TURECI, OZLEM, DE  
[72] STEVANOVIC, STEFAN, DE  
[72] CHEN, YAO-TSENG, US  
[72] GURE, ALI, US  
[72] RAMMENSEE, GEORG, DE  
[72] OLD, LLOYD J., US  
[72] PFREUNDSCHUH, MICHAEL, DE  
[72] SAHIN, UGUR, DE  
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[85] 2000-12-14  
[86] 1999-06-25 (PCT/US99/14493)  
[87] 2000-01-06 (WO00/00824)  
[30] US (09/105,839) 1998-06-26

[21] **2,334,979**  
[13] A1

[51] **Int.Cl. 6C07D 405/12 6C07D 307/00 6C07D 309/10 6C07D 493/10 6C07D 307/20 6A61K 31/34 6A61K 31/35 6A61K 31/44**

[25] EN  
[54] **BENZAMIDES WITH TETRAHYDROFURANYLOXY SUBSTITUENTS AS PHOSPHODIESTERASE 4 INHIBITORS**

[54] **BENZAMIDES AVEC DES SUBSTITUANTS TETRAHYDROFURANYLOXY UTILISES COMME INHIBITEURS DE LA PHOSPHODIESTERASE 4**

[72] BAR, THOMAS, DE  
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE  
[85] 2000-12-06  
[86] 1999-05-27 (PCT/EP99/03669)  
[87] 1999-12-16 (WO99/64414)  
[30] EP (98110710.5) 1998-06-10

## PCT Applications Entering the National Phase

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[21] **2,335,272**  
[13] A1  
[51] **Int.Cl. 6C12N 15/18 6C12N 5/10  
6C12N 15/12 6G01N 33/566 6C12N 15/62  
6C07K 14/705**  
[25] EN  
[54] **MOUSE GROWTH HORMONE  
SECRETAGOGUE RECEPTOR**  
[54] **RECEPTEUR SECRETAGOGUE  
D'HORMONES DE CROISSANCE CHEZ  
LA SOURIS**  
[72] ZHENG, HUI, US  
[72] VAN DER PLOEG, LEONARDUS H.  
T., US  
[72] MCKEE, KAREN KULJU, US  
[72] HOWARD, ANDREW D., US  
[72] SMITH, ROY G., US  
[72] JIANG, MICHAEL M., US  
[71] MERCK & CO., INC., US  
[85] 2001-01-10  
[86] 1999-07-08 (PCT/US99/15375)  
[87] 2000-01-20 (WO00/02918)  
[30] US (60/092,361) 1998-07-10

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[21] **2,335,274**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 38/36  
7C07K 14/705 7C07K 14/745**  
[25] EN  
[54] **TISSUE FACTOR PROTEIN  
VARIANTS WITH INCREASED  
AFFINITY FOR COAGULATION  
FACTOR FVII/FVIII**  
[54] **VARIANTES DE PROTEINES DE  
FACTEURS TISSULAIRES  
PRESENTANT UNE AFFINITE  
ACCRUE POUR LE FACTEUR DE  
COAGULATION FVII/FVIII**  
[72] LEE, GEOFFREY F., US  
[72] KELLEY, ROBERT F., US  
[71] GENENTECH, INC., US  
[85] 2001-01-12  
[86] 1999-07-14 (PCT/US99/15819)  
[87] 2000-01-27 (WO00/04148)  
[30] US (60/092,937) 1998-07-15  
[30] US (60/098,367) 1998-08-28

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[21] **2,335,276**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **NUCLEIC ACID DETECTION  
METHOD BY TRIPLE HELIX  
FORMATION**  
[54] **METHODE DE DETECTION  
D'ACIDE NUCLEIQUE PAR  
FORMATION D'UN COMPOSE  
ANTISENS**  
[72] DREWE, LISA JOANNE, GB  
[72] HALL, ELIZABETH ANNE  
HOWLETT, GB  
[72] BRIGHTWELL, GALE, GB  
[71] THE SECRETARY OF STATE FOR  
DEFENCE IN HER BRITANNIC  
MAJESTY'S GOVERNMENT, GB  
[85] 2001-01-22  
[86] 1999-07-19 (PCT/GB99/02317)  
[87] 2000-02-03 (WO00/05408)  
[30] GB (9815933.8) 1998-07-23

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[21] **2,335,277**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 48/00  
6A61K 49/00 6C12N 15/00 6A01K 67/027  
6C07K 16/28 6G01N 33/50 6G01N 33/577  
6C12N 15/62 6C12Q 1/68 6C07K 14/705**  
[25] EN  
[54] **MULTIPLE SPLICE VARIANTS OF  
THE MU-OPIOID RECEPTOR GENE**  
[54] **MULTIPLES VARIANTES  
D'EPISSAGE DU GENE DU  
RECEPTEUR MU-OPIOIDE**  
[72] PAN, YING-XIAN, US  
[72] PASTERNAK, GAVRIL, US  
[71] MEMORIAL SLOAN-KETTERING  
CANCER CENTER, US  
[85] 2001-01-16  
[86] 1999-07-15 (PCT/US99/15974)  
[87] 2000-01-27 (WO00/04046)  
[30] US (60/092,980) 1998-07-16

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[21] **2,335,278**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 38/00  
7C12N 9/02 7C12Q 1/02 7C12N 9/16  
7C07K 14/47 7G01N 33/50 7C12N 15/53  
7C12N 15/55 7G01N 33/573 7C12N 15/62  
7C12N 15/70 7C12N 15/85**  
[25] EN  
[54] **METHOD FOR SCREENING OF  
MODULATORS OF CALCINEURIN  
ACTIVITY**  
[54] **TECHNIQUE DE CRIBLAGE DE  
MODULATEURS DE L'ACTIVITE DE  
LA CALCINEURINE**  
[72] VOELKEL, HELGE, DE  
[71] BIOINFAC T GMBH, DE  
[85] 2001-01-19  
[86] 1999-07-22 (PCT/EP99/05220)  
[87] 2000-02-03 (WO00/05363)  
[30] EP (98113876.1) 1998-07-22

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[21] **2,335,315**  
[13] A1  
[51] **Int.Cl. 6C12N 15/11 6A61K 48/00  
6C12N 15/12 6A61K 39/395 6C12N 15/52**  
[25] EN  
[54] **NITRILASE HOMOLOGS**  
[54] **HOMOLOGUES DE NITRILASE**  
[72] CROCE, CARLO M., US  
[71] THOMAS JEFFERSON UNIVERSITY,  
US  
[85] 2001-01-22  
[86] 1999-07-20 (PCT/US99/16366)  
[87] 2000-01-27 (WO00/03685)  
[30] US (60/093,350) 1998-07-20

## Demandes PCT entrant en phase nationale

[21] **2,335,318**  
[13] A1

[51] **Int.Cl. 6C07K 1/00 6C07H 21/04 6C12P 21/06**  
[25] EN  
[54] **NUCLEIC ACIDS ENCODING A G-PROTEIN COUPLED RECEPTOR INVOLVED IN SENSORY TRANSDUCTION**  
[54] **ACIDES NUCLEIQUES CODANT LES RECEPTEURS ASSOCIES A LA PROTEINE G QUI INTERVIENNENT DANS LA TRANSDUCTION SENSORIELLE**  
[72] ZUKER, CHARLES S., US  
[72] HOON, MARK, US  
[72] RYBA, NICK, US  
[72] LINDEMEIER, JUERGEN, DE  
[72] ADLER, JON ELLIOTT, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US  
[85] 2001-01-17  
[86] 1999-07-27 (PCT/US99/17099)  
[87] 2000-02-10 (WO00/06592)  
[30] US (60/094,465) 1998-07-28

[21] **2,335,320**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 21/02 7C07H 21/04 7C12N 15/85 7C12N 15/86**  
[25] EN  
[54] **NUCLEIC ACIDS ENCODING PROTEINS INVOLVED IN SENSORY TRANSDUCTION**  
[54] **ACIDES NUCLEIQUES CODANT LES PROTEINES QUI INTERVIENNENT DANS LA TRANSDUCTION SENSORIELLE**  
[72] ADLER, JON ELLIOT, US  
[72] LINDEMEIER, JUERGEN, DE  
[72] ZUKER, CHARLES S., US  
[72] COWAN, DAVID, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-01-17  
[86] 1999-07-27 (PCT/US99/17101)  
[87] 2000-02-10 (WO00/06719)  
[30] US (60/094,464) 1998-07-28

[21] **2,335,324**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/02 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **METHODS FOR DETECTING AND MAPPING GENES, MUTATIONS AND VARIANT POLYNUCLEOTIDE SEQUENCES**  
[54] **PROCEDES DE DETECTION ET DE MAPPAGE DE GENES, DE MUTATIONS ET DE SEQUENCES DE POLYNUCLEOTIDES DU TYPE VARIANT**  
[72] SHAFER, DAVID A., US  
[71] GENETAG TECHNOLOGY, INC., US  
[85] 2001-01-17  
[86] 1999-07-16 (PCT/US99/16242)  
[87] 2000-01-27 (WO00/04192)  
[30] US (60/093,219) 1998-07-17

[21] **2,335,326**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 14/50 7C07K 14/515**  
[25] EN  
[54] **NUCLEOTIDE SEQUENCES AND AMINO ACID SEQUENCES OF SECRETED PROTEINS INVOLVED IN ANGIOGENESIS**  
[54] **SEQUENCES NUCLEOTIDIQUES ET SEQUENCES D'ACIDES AMINES DE PROTEINES SECRETEES EN RAPPORT AVEC L'ANGIOGENESE**  
[72] SHIMKETS, RICHARD A., US  
[71] CURAGEN CORPORATION, US  
[85] 2001-01-18  
[86] 1999-07-20 (PCT/US99/12839)  
[87] 2000-02-03 (WO00/05369)  
[30] US (60/093,397) 1998-07-20  
[30] US (09/150,684) 1998-09-10

[21] **2,335,376**  
[13] A1

[51] **Int.Cl. 6C07K 1/00 6C07H 21/04 6C12P 21/06**  
[25] EN  
[54] **NUCLEIC ACIDS ENCODING A G-PROTEIN COUPLED RECEPTOR INVOLVED IN SENSORY TRANSDUCTION**  
[54] **ACIDES NUCLEIQUES CODANT LES RECEPTEURS ASSOCIES A LA PROTEINE G QUI INTERVIENNENT DANS LA TRANSDUCTION SENSORIELLE**  
[72] LINDEMEIER, JUERGEN, DE  
[72] ADLER, JON ELLIOTT, US  
[72] ZUKER, CHARLES S., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-01-17  
[86] 1999-07-27 (PCT/US99/17104)  
[87] 2000-02-10 (WO00/06593)  
[30] US (60/095,464) 1998-07-28  
[30] US (60/112,747) 1998-12-17

[21] **2,335,378**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/28 7G01N 33/68 7C07K 14/705**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS, INCLUDING OBESITY**  
[54] **METHODES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE TRAITEMENT DE TROUBLES DU POIDS CORPOREL, DONT L'OBESITE**  
[72] MOORE, KAREN, US  
[72] NAGLE, DEBORAH L., US  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2001-01-19  
[86] 1999-07-21 (PCT/US99/16484)  
[87] 2000-02-03 (WO00/05373)  
[30] US (60/093,630) 1998-07-21  
[30] US (60/104,978) 1998-10-20  
[30] US (09/245,041) 1999-02-05

## PCT Applications Entering the National Phase

[21] **2,335,381**  
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 31/10**  
[25] EN  
[54] **USE OF INHIBITORS OF PRENYLTRANSFERASES FOR INHIBITING FUNGAL GROWTH**  
[54] **COMPOSITIONS ET PROCEDES INHIBANT LA PROLIFERATION FONGIQUE**  
[72] COME, JON, US  
[72] PAL, KOLLOL, US  
[72] MURTHI, KRISHNA, US  
[72] KLUGE, ARTHUR, US  
[72] BERLIN, VIVIAN, US  
[72] BERGNES, GUSTAVE, US  
[71] MITOTIX, INC., US  
[85] 2001-01-15  
[86] 1999-07-15 (PCT/US99/16146)  
[87] 2000-01-27 (WO00/03743)  
[30] US (09/115,846) 1998-07-15  
[30] US (09/172,845) 1998-10-15

[21] **2,335,382**  
[13] A1

[51] **Int.Cl. 6C12Q 1/34 6C12N 9/26 6C12N 9/99**  
[25] EN  
[54] **METHOD OF SCREENING FOR POTENTIAL ANTI-METASTATIC AND ANTI-INFLAMMATORY AGENTS USING MAMMALIAN HEPARANASE AS A PROBE**  
[54] **PROCEDE DE RECHERCHE PAR CRIBLAGE D'AGENTS POTENTIELS ANTI-METASTATIQUES ET ANTI-INFLAMMATOIRES AU MOYEN D'UNE SONDE D'HEPARANASE MAMMIFERE**  
[72] VLODAVSKY, ISRAEL, IL  
[72] AYAL-HERSHKOVITZ, MATY, IL  
[72] BEN-ARTZI, HANNA, IL  
[72] PELEG, YOAV, IL  
[72] PECKER, IRIS, IL  
[72] MIRON, DAPHNA, IL  
[71] INSIGHT STRATEGY & MARKETING LTD., IL  
[71] HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT LTD., IL  
[85] 2001-01-10  
[86] 1999-07-12 (PCT/US99/15643)  
[87] 2000-01-20 (WO00/03036)  
[30] US (09/113,168) 1998-07-10

[21] **2,335,390**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/02 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **SUBSTANTIALLY COMPLETE RIBOZYME LIBRARIES**  
[54] **BANQUES DE RIBOZYMES SENSIBLEMENT COMPLETES**  
[72] LI, XINQIANG, US  
[72] TRITZ, RICHARD, US  
[72] WELCH, PETER, US  
[72] BARBER, JACK, US  
[71] IMMUSOL INCORPORATED, US  
[85] 2001-01-18  
[86] 1999-07-20 (PCT/US99/16466)  
[87] 2000-02-03 (WO00/05415)  
[30] US (60/093,828) 1998-07-22

[21] **2,335,391**  
[13] A1

[51] **Int.Cl. 7A61K 38/45 7A61K 48/00 7A01N 1/02 7A61P 9/10 7A61K 38/19 7A61K 38/30 7G01N 33/50**  
[25] EN  
[54] **AKT COMPOSITIONS FOR ENHANCING SURVIVAL OF CELLS**  
[54] **COMPOSITIONS AKT AUGMENTANT LA SURVIE DE CELLULES**  
[72] WALSH, KENNETH, US  
[71] ST. ELIZABETH'S MEDICAL CENTER, INC., US  
[85] 2001-01-23  
[86] 1999-09-29 (PCT/US99/22633)  
[87] 2000-04-13 (WO00/20025)  
[30] US (60/102,740) 1998-10-02

[21] **2,335,392**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR THE DETERMINATION OF PROTEIN FUNCTION AND IDENTIFICATION OF MODULATORS THEREOF**  
[54] **METHODES ET COMPOSITIONS POUR DETERMINER UNE FONCTION PROTEIQUE ET IDENTIFIER LES MODULATEURS DE CELLE-CI**  
[72] MENZEL, ROLF, US  
[72] KHAZAK, VLADIMIR, US  
[71] SMALL MOLECULE THERAPEUTICS, INC., US  
[85] 2001-01-18  
[86] 1999-07-23 (PCT/US99/16749)  
[87] 2000-02-03 (WO00/05417)  
[30] US (60/093,855) 1998-07-23

[21] **2,335,522**  
[13] A1

[51] **Int.Cl. 6A01H 1/00 6C12N 5/04 6C12N 5/10 6C12N 15/63 6C12N 15/64 6C12N 15/82 6C12N 15/84 6C12N 15/90**  
[25] EN  
[54] **WATER STRESS OR SALT STRESS TOLERANT TRANSGENIC CEREAL PLANTS**  
[54] **PLANTES CEREALIERES TRANSGENIQUES TOLERANTES AUX STRESS HYDRIQUE ET SALIN**  
[72] WU, RAY J., US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2000-12-19  
[86] 1999-06-24 (PCT/US99/14336)  
[87] 1999-12-29 (WO99/66785)  
[30] US (60/090,561) 1998-06-24

[21] **2,335,537**  
[13] A1

[51] **Int.Cl. 6A61B 17/22**  
[25] EN  
[54] **IMPROVED ECCENTRIC DRIVE SHAFT FOR ATHERECTOMY DEVICE AND METHOD FOR MANUFACTURE**  
[54] **TIGE DE GUIDAGE EXCENTRIQUE AMELIOREE POUR DISPOSITIF D'ATHERECTOMIE ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] SPASSKY, MIKHAIL, RU  
[72] SHTURMAN, LEONID, US  
[72] NEVZOROV, ANDREI, RU  
[71] SHTURMAN CARDIOLOGY SYSTEMS, INC., US  
[85] 2000-12-19  
[86] 1999-03-17 (PCT/US99/05615)  
[87] 1999-09-23 (WO99/47053)  
[30] US (09/044,550) 1998-03-19

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,335,545</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 403/10 6A61K 31/415</b> [25] EN [54] <b>NOVEL FORM OF IRBESARTAN, METHODS FOR OBTAINING SAID FORM AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME</b> [54] <b>NOUVELLE FORME DE L'IRBESARTAN, PROCEDES POUR OBTENIR LADITE FORME ET COMPOSITIONS PHARMACEUTIQUES EN CONTENANT</b> [72] LINDRUD, MARK D., US [72] FRANC, BRUNO, FR [72] HOFF, CHRISTIAN, FR [72] MONNIER, OLIVIER, FR [72] WEI, CHENKOU, US [72] KIANG, SAM, US [71] SANOFI-SYNTHELABO, FR [85] 2000-12-19 [86] 1999-06-10 (PCT/FR99/01372) [87] 1999-12-29 (WO99/67236) [30] FR (98/08037) 1998-06-24</p>	<p style="text-align: center;">[21] <b>2,335,549</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/50</b> [25] EN [54] <b>DETECTION OF APOPTOTIC CELLS IN LIVING NEMATODES</b> [54] <b>DETECTION DE CELLULES D'APOPTOSE DANS DES NEMATODES VIVANTS</b> [72] HENGARTNER, MICHAEL O., US [72] GARTNER, ANTON, US [72] MILSTEIN, STUART, US [71] COLD SPRING HARBOR LABORATORY, US [85] 2000-12-19 [86] 1999-06-18 (PCT/US99/13650) [87] 1999-12-23 (WO99/66323) [30] US (60/090,057) 1998-06-19</p>	<p style="text-align: center;">[21] <b>2,335,564</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/42 7C09B 57/00 7C12Q 1/34 7C07C 309/43</b> [25] EN [54] <b>NOVEL POLYCYCLIC AROMATIC FLUOROGENIC SUBSTRATES FOR HYDROLASES</b> [54] <b>NOUVEAUX SUBSTRATS FLUOROGENES POUR ENZYMES HYDROLYTIQUES</b> [72] CONRAD, MICHAEL J., US [72] HE, LIYAN, US [71] CHROMAGEN, INC., US [85] 2000-12-19 [86] 1999-07-09 (PCT/US99/15447) [87] 2000-01-20 (WO00/03034) [30] US (60/092,245) 1998-07-10</p>
<p style="text-align: center;">[21] <b>2,335,547</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B42F 13/00 7B65D 27/06</b> [25] EN [54] <b>SLASH JACKET WITH A RETRACTABLE ATTACHMENT MEMBER</b> [54] <b>CHEMISE AVEC ELEMENT DE FIXATION ESCAMOTABLE</b> [72] HENRIKSON, DAMON GUNIER, US [72] LAUSEN, MARCIA ELIZABETH, US [72] VASILATOS, ANASTASIOS JERRY, US [71] ACCO BRANDS, INC., US [85] 2000-12-19 [86] 1999-06-08 (PCT/US99/12880) [87] 1999-12-23 (WO99/65784) [30] US (09/100,468) 1998-06-19</p>	<p style="text-align: center;">[21] <b>2,335,552</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 75/00 6B32B 27/08</b> [25] EN [54] <b>PACKAGED FOOD PRODUCT INCLUDING AN ADDED LIQUID AND PROCESS FOR MAKING SAME</b> [54] <b>PRODUIT ALIMENTAIRE EMBALLE, Y COMPRIS UN LIQUIDE AJOUTE, ET PROCEDE D'ELABORATION</b> [72] MIZE, JAMES A., JR., US [72] NOEL, DAVID C., US [71] CRYOVAC, INC., US [85] 2000-12-19 [86] 1999-06-21 (PCT/US99/13996) [87] 1999-12-29 (WO99/67153) [30] US (09/102,256) 1998-06-22 [30] US (09/138,991) 1998-08-24</p>	<p style="text-align: center;">[21] <b>2,335,568</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 3/00 6C07C 7/00 6B01D 3/42</b> [25] EN [54] <b>CASCADE REBOILING OF ETHYLBENZENE/STYRENE COLUMNS</b> [54] <b>TRAITEMENT EN CASCADE DE COLONNES D'ETHYLBENZENE/STYRENE AU MOYEN DE REBOUILLEURS</b> [72] WELCH, VINCENT A., US [71] WASHINGTON GROUP INTERNATIONAL, INC., US [85] 2000-12-19 [86] 1999-06-14 (PCT/US99/13387) [87] 1999-12-23 (WO99/65582) [30] US (09/100,433) 1998-06-19</p>
<p style="text-align: center;">[21] <b>2,335,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02C 3/30 6F02C 6/16</b> [25] EN [54] <b>OPERATING A GAS TURBINE WITH SUPPLEMENTAL COMPRESSED AIR</b> [54] <b>TURBINE A GAZ A ADJONCTION D'AIR COMPRIE</b> [72] POTASHNIK, BORIS, US [72] NAKHAMKIN, MICHAEL, US [71] NAKHAMKIN, MICHAEL, US [85] 2000-12-19 [86] 1999-05-17 (PCT/US99/10847) [87] 2000-01-13 (WO00/01934) [30] US (09/110,672) 1998-07-07 [30] US (09/281,776) 1999-03-31</p>	<p style="text-align: center;">[21] <b>2,335,578</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 3/00</b> [25] EN [54] <b>METAL ALLOYS FOR THE REFLECTIVE OR THE SEMI-REFLECTIVE LAYER OF AN OPTICAL STORAGE MEDIUM</b> [54] <b>ALLIAGES METALLIQUES UTILISES POUR LA COUCHE REFLECHISSANTE OU SEMI-REFLECHISSANTE D'UN SUPPORT OPTIQUE D'ARCHIVAGE</b> [72] NEE, HAN H., US [71] TARGET TECHNOLOGY COMPANY, LLC., US [85] 2000-12-19 [86] 1999-06-14 (PCT/US99/13390) [87] 1999-12-29 (WO99/67084) [30] US (09/102,163) 1998-06-22</p>	



## PCT Applications Entering the National Phase

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[21] **2,335,581**  
[13] A1  
[51] **Int.Cl. 6C07C 279/12 6A61K 49/00 6A61K 51/00 6A61K 31/17 6C07D 295/182 6C07C 275/28 6A61K 31/535**  
[25] EN  
[54] **NOVEL COMPOUNDS USEFUL IN PAIN MANAGEMENT**  
[54] **NOUVEAUX COMPOSES SERVANT A SOULAGER LA DOULEUR**  
[72] GREGOR, VLAD, US  
[72] DELORME, DANIEL, CA  
[72] ROBERTS, EDWARD, CA  
[72] SUN, ERIC, US  
[72] PLOBECK, NIKLAS, CA  
[71] ASTRAZENECA AB, SE  
[85] 2000-12-19  
[86] 1999-06-16 (PCT/SE99/01077)  
[87] 1999-12-29 (WO99/67206)  
[30] SE (9802208-0) 1998-06-22

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[21] **2,335,650**  
[13] A1  
[51] **Int.Cl. 6A61K 38/07 6C07H 21/00 6C07K 4/00 6A61K 38/08 6C07K 5/10 6A61K 38/12 6C07K 5/12**  
[25] EN  
[54] **CROSSLINK-STABILIZED INDOLICIDIN ANALOGS**  
[54] **ANALOGUES D'INDOCILIDINE STABILISES PAR RETICULATION**  
[72] SELSTED, MICHAEL E., US  
[72] OSAPAY, KLARA, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-10-30  
[86] 1999-05-20 (PCT/US99/11165)  
[87] 1999-12-23 (WO99/65510)  
[30] US (09/099,631) 1998-06-18

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[21] **2,335,651**  
[13] A1  
[51] **Int.Cl. 7C12N 15/52 7A01H 5/00 7C12Q 1/68 7C12N 15/82**  
[25] EN  
[54] **GENE SWITCH**  
[54] **COMMUTATEUR DE GENE**  
[72] JEPSON, IAN, GB  
[72] FRAY, RUPERT GEORGE, GB  
[72] MARTINEZ, ALBERTO, GB  
[71] ZENECA LIMITED, GB  
[85] 2001-01-17  
[86] 1999-08-12 (PCT/GB99/02653)  
[87] 2000-02-24 (WO00/09704)  
[30] GB (9817704.1) 1998-08-13

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[21] **2,335,654**  
[13] A1  
[51] **Int.Cl. 7A61K 38/31 7A61P 5/02 7A61P 9/02 7A61P 17/02 7A61P 1/04 7A61P 17/06 7A61P 3/08 7A61P 5/08 7A61P 9/10 7A61P 1/12 7A61P 9/12 7A61P 1/14 7A61P 1/18 7A61P 5/18 7A61P 5/48**  
[25] EN  
[54] **METHODS OF USING A SOMATOSTATIN ANALOGUE**  
[54] **PROCEDES D'UTILISATION D'UN ANALOGUE DE SOMATOSTATINE**  
[72] MOREAU, JACQUES-PIERRE, US  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES, S.A., FR  
[85] 2001-01-18  
[86] 1999-07-29 (PCT/US99/17294)  
[87] 2000-02-10 (WO00/06185)  
[30] US (09/126,525) 1998-07-30  
[30] US (60/094,693) 1998-07-30

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[21] **2,335,655**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C12N 15/20 6A61K 38/21 6C07K 14/435 6C07K 14/555**  
[25] EN  
[54] **KERATINOCYTE DERIVED INTERFERON**  
[54] **INTERFERON DERIVE DE KERATINOCYTE**  
[72] RUBEN, STEVEN M., US  
[72] LAFLEUR, DAVID W., US  
[72] MOORE, PAUL A., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-01-19  
[86] 1999-07-21 (PCT/US99/16424)  
[87] 2000-02-03 (WO00/05371)  
[30] US (60/093,643) 1998-07-21

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[21] **2,335,761**  
[13] A1  
[51] **Int.Cl. 6C21B 11/00 6C21B 13/00 6C22B 5/00 6C21B 11/08 6C21B 13/10**  
[25] EN  
[54] **DIRECT SMELTING VESSEL AND DIRECT SMELTING PROCESS**  
[54] **CUVE ET PROCEDE DE FUSION DIRECTE**  
[72] BURKE, PETER DAMIAN, AU  
[72] LEIGH, DAVID JOHN, AU  
[72] BATES, CECIL PETER, AU  
[72] WEBER, RALPH GOTTFRIED (DECEASED), BR  
[71] TECHNOLOGICAL RESOURCES PTY LTD., AU  
[85] 2000-12-20  
[86] 1999-07-01 (PCT/AU99/00537)  
[87] 2000-01-13 (WO00/01854)  
[30] AU (PP 4425) 1998-07-01

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[21] **2,335,765**  
[13] A1  
[51] **Int.Cl. 6A45D 2/38 6A45D 1/06**  
[25] EN  
[54] **ARRANGEMENT FOR HAIR AND HAIR TONGS PROVIDED WITH SUCH AN ARRANGEMENT**  
[54] **DISPOSITIF POUR CHEVEUX ET PINCES A FRISER MUNIES D'UN TEL DISPOSITIF**  
[72] HAGELSTAM, PETER, SE  
[71] VOLUMASTER AB, SE  
[85] 2000-12-20  
[86] 1999-07-05 (PCT/SE99/01221)  
[87] 2000-01-20 (WO00/02465)  
[30] SE (9802484-7) 1998-07-09

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[21] **2,335,768**  
[13] A1  
[51] **Int.Cl. 6C07D 501/59 6C07D 519/00 6A61K 31/545**  
[25] EN  
[54] **CEPHEM COMPOUNDS**  
[54] **OMPOSES CEPHEM**  
[72] HIRAMATSU, KEIICHI, JP  
[72] KAWASHIMA, SEIICHIRO, JP  
[72] HANAKI, HIDEAKI, JP  
[72] TSUCHIDA, YOSHIO, JP  
[72] YAMAZAKI, HIROAKI, JP  
[72] SATO, HIDEKI, JP  
[71] ZENYAKU KOGYO KABUSHIKI KAISHA, JP  
[85] 2000-12-20  
[86] 1999-06-24 (PCT/JP99/03367)  
[87] 1999-12-29 (WO99/67256)  
[30] JP (10/177880) 1998-06-24

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## Demandes PCT entrant en phase nationale

[21] **2,335,770**  
[13] A1

[51] **Int.Cl. 7A45D 7/06**  
[25] EN  
[54] **HAIR REPAIR, STYLING AND STRAIGHTENING PROCESS**  
[54] **PROCEDE DE REGENERATION, DE COIFFURE ET DE DEFRISAGE DES CHEVEUX**  
[72] YAMASHITA, YUKO, JP  
[71] PHILD CO., LTD., JP  
[85] 2000-12-20  
[86] 2000-01-11 (PCT/JP00/00064)  
[87] 2000-11-02 (WO00/64298)  
[30] US (09/296,689) 1999-04-21

[21] **2,335,772**  
[13] A1

[51] **Int.Cl. 6F01N 3/02**  
[25] EN  
[54] **INTERNAL COMBUSTION ENGINE EXHAUST FILTERS**  
[54] **FILTRES D'ÉCHAPPEMENT POUR MOTEURS A COMBUSTION INTERNE**  
[72] ADILETTA, JOSEPH G., US  
[71] PALL CORPORATION, US  
[85] 2000-12-20  
[86] 1999-06-25 (PCT/US99/14356)  
[87] 2000-01-06 (WO00/00721)  
[30] US (60/090,910) 1998-06-26

[21] **2,335,775**  
[13] A1

[51] **Int.Cl. 6B05B 15/04**  
[25] EN  
[54] **MASKING MATERIAL**  
[54] **MATERIAU DE MASQUAGE**  
[72] HORIKI, SEINOSUKE, JP  
[72] OGAWA, MASANORI, JP  
[72] MAKINO, REIJI, JP  
[72] KIOKA, NORIHIKO, JP  
[71] NAGOYA OILCHEMICAL CO., LTD., JP  
[85] 2000-12-20  
[86] 1999-04-14 (PCT/JP99/02001)  
[87] 2000-10-19 (WO00/61296)

[21] **2,335,781**  
[13] A1

[51] **Int.Cl. 6C07C 405/00 6A61K 31/557**  
[25] EN  
[54] **ACTIVE CARBON FILTER AS AN OXIDATION INHIBITOR FOR PROSTANE DERIVATIVES**  
[54] **INHIBITEUR D'OXYDATION UTILISE POUR LE TRAITEMENT DE DERIVES DE PROSTANE**  
[72] WESSEL, MARTIN, DE  
[72] WESTERMANN, JURGEN, DE  
[72] MICHEL, HEINRICH, DE  
[72] SKUBALLA, WERNER, DE  
[72] DAHL, HELMUT, DE  
[72] WAGNER, TORSTEN, DE  
[72] LIPP, RALPH, DE  
[72] IFFERT, BERND, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2000-12-20  
[86] 1998-06-22 (PCT/EP99/04278)  
[87] 1999-12-29 (WO99/67212)  
[30] DE (198 28 881.6) 1998-06-22

[21] **2,335,783**  
[13] A1

[51] **Int.Cl. 6F21L 15/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LIGHT TRANSMISSION**  
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE LA LUMIERE**  
[72] CROSS, DAVID M., US  
[71] GOEKEN GROUP CORPORATION, US  
[85] 2000-12-19  
[86] 1998-12-18 (PCT/US98/27507)  
[87] 1999-12-29 (WO99/67568)  
[30] US (09/102,341) 1998-06-22

[21] **2,335,785**  
[13] A1

[51] **Int.Cl. 6B32B 27/40 6B32B 27/08 6B41M 1/26**  
[25] EN  
[54] **PRINTABLE LAMINATE**  
[54] **STRATIFIE IMPRIMABLE**  
[72] COOK, COLIN JOHN, GB  
[71] HUNT GRAPHICS EUROPE LIMITED, GB  
[85] 2000-12-20  
[86] 1998-07-16 (PCT/GB98/02096)  
[87] 2000-01-06 (WO00/00352)  
[30] US (09/107,302) 1998-06-30

[21] **2,335,788**  
[13] A1

[51] **Int.Cl. 7F42D 5/045**  
[25] EN  
[54] **BLAST EFFECTS SUPPRESSION SYSTEM**  
[54] **SYSTEME SUPPRIMANT LES EFFETS DE SOUFFLE**  
[72] BURKY, THOMAS E., US  
[72] GOLLY, SCOTT M., US  
[72] ALEXANDER, GRAHAM H., US  
[72] BUTZ, JOHN S., US  
[72] BUTZ, DONALD J., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2000-12-20  
[86] 1999-06-17 (PCT/US99/13768)  
[87] 2000-01-20 (WO00/03102)  
[30] US (09/109,966) 1998-07-02

[21] **2,335,789**  
[13] A1

[51] **Int.Cl. 6G01C 21/16 6G01C 25/00**  
[25] EN  
[54] **METHOD FOR CALCULATING RELATIVE PHASES BETWEEN SIGNAL CHANNELS IN A MULTI-SENSOR TRACKING DEVICE**  
[54] **PROCEDE POUR CALCULER DES PHASES RELATIVES ENTRE DES VOIES DE SIGNALISATION DANS UN DISPOSITIF DE POURSUITE A CAPTEURS MULTIPLES**  
[72] STOREY, JOHN J., GB  
[71] DIGILENS, INC., US  
[85] 2000-12-20  
[86] 1999-06-25 (PCT/US99/14477)  
[87] 2000-01-06 (WO00/00790)  
[30] US (60/090,746) 1998-06-26  
[30] US (09/328,718) 1999-06-09

## PCT Applications Entering the National Phase

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[21] **2,335,790**  
[13] A1  
[51] **Int.Cl. 7G06F 12/14 7G06F 17/21 7G06F 17/60**  
[25] EN  
[54] **REMOTELY ACCESSIBLE LEGACY DOCUMENT STORAGE AND SERVICE APPARATUS**  
[54] **SERVICE ET APPAREIL DE STOCKAGE DE DOCUMENTS LEGAUX ACCESSIBLES A DISTANCE**  
[72] RACITI, ROBERT C., US  
[72] MACDONALD, MARCY F., US  
[72] GIFFORD, NATHANIEL M., US  
[72] GREY, SUZANNE N., US  
[72] DOEBERL, TERRENCE M., US  
[72] SANSONE, RONALD P., US  
[72] COOPER, MICHAEL B., US  
[72] ULESKE, SHAWN P., US  
[72] WILSON, MICHAEL W., US  
[72] MARTIN, JUDITH D., US  
[71] PITNEY BOWES INC., US  
[85] 2000-12-21  
[86] 2000-03-21 (PCT/US00/07437)  
[87] 2000-09-28 (WO00/57279)  
[30] US (09/274,059) 1999-03-22

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[21] **2,335,792**  
[13] A1  
[51] **Int.Cl. 7A61B 5/0488 7A61B 5/00**  
[25] EN  
[54] **BIOFEEDBACK DEVICE FOR AN INCONTINENT PERSON**  
[54] **DISPOSITIF DE RETROACTION BIOLOGIQUE POUR PERSONNE INCONTINENTE**  
[72] COLES, PETER, IT  
[72] ROE, DONALD CARROLL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-19  
[86] 1999-06-29 (PCT/US99/14794)  
[87] 2000-01-06 (WO00/00083)  
[30] US (09/107,561) 1998-06-29

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[21] **2,335,793**  
[13] A1  
[51] **Int.Cl. 6C12N 5/08**  
[25] EN  
[54] **A METHOD FOR IN VITRO MATURATION OF HUMAN GAMETES**  
[54] **PROCEDE DE MATURATION IN VITRO DE GAMETES HUMAINS**  
[72] SMITH, STEVEN DALE, DK  
[72] BERTHEUSSEN, KJELL, NO  
[72] MIKKELSEN, ANNE LIS, DK  
[72] LINDENBERG, SVEND, DK  
[71] MEDI-CULT A/S, DK  
[85] 2000-12-21  
[86] 1999-06-22 (PCT/DK99/00345)  
[87] 1999-12-29 (WO99/67365)  
[30] DK (PA 1998 00885) 1998-06-22  
[30] US (60/090,115) 1998-06-22

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[21] **2,335,796**  
[13] A1  
[51] **Int.Cl. 6C23C 4/06 6C23F 13/14 6C04B 41/71**  
[25] EN  
[54] **THERMALLY SPRAYED CORROSION LAYER FOR REINFORCED CONCRETE AND METHOD FOR THE PREPERATION THEREOF**  
[54] **COUCHE ANTICORROSION PULVERISEE PAR VOIE THERMIQUE POUR BETON ARME ET PROCEDE PERMETTANT DE L'OBTENIR**  
[72] WISNIEWSKI, JURGEN, DE  
[72] SPRIESTERSBACH, JOCHEN, DE  
[72] KNEPPER, MICHAEL, DE  
[71] GRILLO-WERKE AG, DE  
[85] 2000-12-19  
[86] 1999-06-23 (PCT/EP99/04352)  
[87] 2000-01-06 (WO00/00659)  
[30] DE (198 28 827.1) 1998-06-27

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[21] **2,335,797**  
[13] A1  
[51] **Int.Cl. 7C08G 18/72 7A63B 37/00 7C09D 175/06 7C08G 18/79**  
[25] EN  
[54] **GOLF BALL TOP COATING CONTAINING AN AROMATIC/ALIPHATIC POLYISOCYANATE COPOLYMER**  
[54] **COUCHE DE FINITION DE BALLE DE GOLF CONTENANT UN COPOLYMERE POLYISOCYANATE AROMATIQUE/ALIPHATIQUE**  
[72] KELLER, VIKTOR, US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2000-12-19  
[86] 2000-03-14 (PCT/US00/06678)  
[87] 2000-11-09 (WO00/66644)  
[30] US (09/302,891) 1999-04-30

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[21] **2,335,799**  
[13] A1  
[51] **Int.Cl. 6C07H 15/203 6A61K 31/70**  
[25] EN  
[54] **NOVEL COMPOUNDS DERIVED FROM .ALPHA.-D-XYLOSE, PREPARATION METHOD AND THERAPEUTIC USE**  
[54] **NOUVEAUX COMPOSES DERIVES DE .ALPHA.-D-XYLOSE, PREPARATION ET UTILISATION EN THERAPEUTIQUE**  
[72] LEGENDRE, CHRISTIANE, FR  
[72] SAMRETH, SOTH, FR  
[72] EDGAR, ALAN DUNLAP, FR  
[72] BARBEROUSSE, VERONIQUE, FR  
[71] FOURNIER INDUSTRIE ET SANTE, FR  
[85] 2000-12-19  
[86] 1999-06-11 (PCT/FR99/01387)  
[87] 1999-12-29 (WO99/67261)  
[30] US (60/090,566) 1998-06-24

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,335,800</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06M 15/00</b> [25] EN [54] <b>POLY(VINYL ALCOHOL) COPOLYMER IONOMERS, THEIR PREPARATION AND USE IN TEXTILE SIZES</b> [54] <b>IONOMERES DE COPOLYMERES DE POLY(ALCOOL DE VINYLE), LEUR PREPARATION ET LEUR UTILISATION DANS DES ENCOLLAGES DE TEXTILES</b> [72] HAYES, RICHARD ALLEN, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-12-19 [86] 1999-06-30 (PCT/US99/14676) [87] 2000-01-13 (WO00/01876) [30] US (09/108,591) 1998-07-01</p>	<p style="text-align: right;">[21] <b>2,335,803</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 51/02 7C07C 65/03 7C07C 65/10 7C07C 65/11 7B01D 61/44</b> [25] EN [54] <b>A PROCESS FOR THE ISOLATION OF AROMATIC HYDROXYCARBOXYLIC ACIDS</b> [54] <b>PROCEDE D'ISOLEMENT D'ACIDES AROMATIQUES HYDROXYCARBOXYLIQUES</b> [72] YABROFF, RONALD M., US [72] SAMUELS, MICHAEL ROBERT, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-12-19 [86] 1999-07-07 (PCT/US99/15305) [87] 2000-01-13 (WO00/01653) [30] US (60/091,885) 1998-07-07</p>	<p style="text-align: right;">[21] <b>2,335,806</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B24B 5/307 6B24B 49/00 6B24B 51/00</b> [25] EN [54] <b>GRINDING MACHINE, COMPUTER SOFTWARE TO OPERATE SUCH A MACHINE, AND THEIR USES THEREFOR</b> [54] <b>MEULEUSE, LOGICIEL INFORMATIQUE SERVANT A FAIRE FONCTIONNER CELLE-CI, ET UTILISATIONS DE CEUX-CI</b> [72] GEHRKE, BRIAN M., US [72] SMARSH, STEVEN G., US [71] TRU TECH SYSTEMS, INC., US [85] 2001-12-21 [86] 1999-06-22 (PCT/US99/14054) [87] 1999-12-29 (WO99/67052) [30] US (60/090,233) 1998-06-22</p>
<p style="text-align: right;">[21] <b>2,335,802</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 3/09 7C08K 5/02 7C08L 27/18</b> [25] EN [54] <b>SOLVENTS FOR AMORPHOUS FLUOROPOLYMERS</b> [54] <b>SOLVANTS POUR FLUOROPOLYMERES AMORPHES</b> [72] O'BRIEN, WILLIAM GEORGE, US [72] PETROV, VIACHESLAV ALEXANDROVICH, US [72] WHELAND, ROBERT CLAYTON, US [72] HRIVNAK, JEFFREY A., US [72] MAHLER, WALTER, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-12-19 [86] 1999-07-01 (PCT/US99/14931) [87] 2000-01-13 (WO00/01758) [30] US (60/091,494) 1998-07-02</p>	<p style="text-align: right;">[21] <b>2,335,804</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/00 6C12N 15/00 6C12N 15/09</b> [25] EN [54] <b>ALLELIC SERIES OF GENOMIC MODIFICATIONS IN CELLS</b> [54] <b>SERIE ALLELIQUE DE MODIFICATIONS GENOMIQUES DANS DES CELLULES</b> [72] MAGNUSON, TERRY R., US [72] WOYCHIK, RICHARD P., US [72] AVNER, ELLIS D., US [71] CASE WESTERN RESERVE UNIVERSITY, US [85] 2000-12-21 [86] 1999-06-23 (PCT/US99/14216) [87] 1999-12-29 (WO99/67361) [30] US (09/103,846) 1998-06-24</p>	<p style="text-align: right;">[21] <b>2,335,807</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 7/02 7B32B 7/06</b> [25] EN [54] <b>FLAKES FROM MULTILAYER IRIDESCENT FILMS FOR USE IN PAINTS AND COATINGS</b> [54] <b>FLOCONS OBTENUS A PARTIR DE FILMS IRIDESCENTS MULTICOUCHES</b> [72] ALLEN, SCOTT I., US [72] SHETTY, RAMAKRISHNA, US [71] ENGELHARD CORPORATION, US [85] 2000-12-21 [86] 1999-04-29 (PCT/US99/09262) [87] 2000-01-13 (WO00/01526) [30] US (09/108,269) 1998-07-01</p>
	<p style="text-align: right;">[21] <b>2,335,805</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/00</b> [25] EN [54] <b>MEDICAL SIGNAL MONITORING AND DISPLAY</b> [54] <b>SUIVI ET AFFICHAGE DE SIGNAL MEDICAL</b> [72] VAN DRONGELEN, WIM, US [71] NICOLET BIOMEDICAL, INC., US [85] 2000-12-19 [86] 2000-04-19 (PCT/US00/10571) [87] 2000-10-26 (WO00/62660) [30] US (09/295,167) 1999-04-20</p>	<p style="text-align: right;">[21] <b>2,335,808</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 41/00 7A61K 49/00</b> [25] EN [54] <b>INTRACELLULAR SENSITIZERS FOR SONODYNAMIC THERAPY</b> [54] <b>SENSIBILISEURS INTRACELLULAIRES POUR TRAITEMENT SONODYNAMIQUE</b> [72] KESSEL, DAVID, US [72] WOODBURN, KATHRYN W., US [71] PHARMACYCLICS, INC., US [85] 2000-12-21 [86] 1999-07-02 (PCT/US99/15154) [87] 2000-01-13 (WO00/01413) [30] US (09/111,148) 1998-07-06</p>

## PCT Applications Entering the National Phase

[21] **2,335,809**  
[13] A1

[51] **Int.Cl. 6C07H 19/167 6C07H 15/04 6A61K 31/70**

[25] EN

[54] **2-(PURIN-9-YL)-TETRAHYDROFURAN-3,4-DIOL DERIVATIVES**

[54] **DERIVES DU 2-(PURIN-9-YL)-TETRAHYDROFURAN-3,4 DIOL**

[72] CHAN, CHUEN, GB

[72] COUSINS, RICHARD PETER CHARLES, GB

[72] ALLEN, DAVID GEORGE, GB

[72] XIE, SHIPING, US

[72] COX, BRIAN, GB

[72] ROPER, THOMAS DAVIS IV, US

[72] GEDEN, JOANNA VICTORIA, GB

[72] REDGRAVE, ALISON JUDITH, GB

[72] HOBBS, HEATHER, GB

[72] KEELING, SUZANNE ELAINE, GB

[71] GLAXO GROUP LIMITED, GB

[85] 2000-12-19

[86] 1999-06-23 (PCT/EP99/04269)

[87] 1999-12-29 (WO99/67265)

[30] GB (9813538.7) 1998-06-23

[30] GB (9909482.3) 1999-04-23

[21] **2,335,810**  
[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61P 27/02 7A61K 31/425 7A61K 31/44 7A61K 31/445**

[25] EN

[54] **USE OF SULFONAMIDES FOR TREATING VISION AND MEMORY DISORDERS**

[54] **SULFONAMIDES A PETITE MOLECULE, DESTINES A DES TROUBLES DE LA VISION ET DE LA MEMOIRE**

[72] ROSS, DOUGLAS T., US

[72] SAUER, HANSJORG, US

[72] HAMILTON, GREGORY S., US

[72] STEINER, JOSEPH P., US

[71] GPI NIL HOLDINGS, INC., US

[85] 2000-12-21

[86] 1999-08-12 (PCT/US99/18232)

[87] 2000-02-24 (WO00/09104)

[30] US (09/134,473) 1998-08-14

[21] **2,335,812**  
[13] A1

[51] **Int.Cl. 6B01J 23/63 6B01D 53/94**

[25] EN

[54] **EXHAUST GAS CATALYST COMPRISING RHODIUM, ZIRCONIA AND RARE EARTH OXIDE**

[54] **CATALYSEUR POUR GAZ D'ECHAPPEMENT COMPORTANT DU RHODIUM, DE LA ZIRCONIE ET DE L'OXYDE DES TERRES RARES**

[72] ANDERSEN, PAUL JOSEPH, US

[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB

[85] 2000-12-21

[86] 1999-06-16 (PCT/GB99/01914)

[87] 1999-12-29 (WO99/67020)

[30] GB (9813367.1) 1998-06-22

[21] **2,335,814**  
[13] A1

[51] **Int.Cl. 7H02H 3/46 7G01R 19/25**

[25] EN

[54] **ADAPTIVE SAMPLING RATE BASED ON POWER SYSTEM FREQUENCY**

[54] **FREQUENCE D'ECHANTILLONNAGE ADAPTATIVE BASEE SUR LA FREQUENCE D'UN RESEAU ELECTRIQUE**

[72] KULIDJIAN, ARA, CA

[72] MOORE, ROGER, CA

[71] GENERAL ELECTRIC COMPANY, US

[85] 2000-12-21

[86] 2000-05-05 (PCT/US00/06698)

[87] 2000-11-16 (WO00/69042)

[30] US (09/305,293) 1999-05-05

[21] **2,335,930**  
[13] A1

[51] **Int.Cl. 7G09F 15/00 7G09F 13/18**

[25] EN

[54] **LIGHTED PANEL DEVICE ABLE TO BE APPLIED ONTO POSTS**  
[54] **DISPOSITIF A PANNEAU ECLAIRE POUVANT ETRE APPLIQUE SUR DES POTEAUX**

[72] TESTA, ENRICO, IT

[72] NUCCI, GIUSEPPE, IT

[71] SO.L.E. SOCIETA'LUCE ELETTRICA S.P.A. GRUPPO ENEL, IT

[85] 2000-12-21

[86] 1999-11-30 (PCT/IT99/00392)

[87] 2000-11-09 (WO00/67244)

[30] IT (RM99A000276) 1999-05-04

[21] **2,335,935**  
[13] A1

[51] **Int.Cl. 6B65C 9/18**

[25] EN

[54] **LABELLING APPARATUS AND METHOD THEREOF**

[54] **APPAREIL D'ETIQUETAGE ET PROCEDES S'Y RAPPORANT**

[72] CLAIR, RANBIR SINGH, US

[72] OTRUBA, SVATOBOJ, US

[71] S-CON, INC., US

[85] 2000-12-21

[86] 1999-06-25 (PCT/US99/14367)

[87] 2000-01-06 (WO00/00397)

[30] US (09/105,876) 1998-06-26

[30] US (09/339,743) 1999-06-24

[21] **2,335,936**  
[13] A1

[51] **Int.Cl. 6H04N 5/44**

[25] EN

[54] **TERMINAL POWERED ON FOR EPG DOWNLOAD**

[54] **TERMINAL MIS SOUS TENSION EN VUE DU TELECHARGEMENT D'UN GUIDE ELECTRONIQUE DES PROGRAMMES**

[72] MACRAE, DOUGLAS B., US

[72] O'CONNOR, DANIEL C., US

[71] INDEX SYSTEMS, INC., VG

[85] 2000-12-22

[86] 1999-06-26 (PCT/US99/14401)

[87] 2000-01-06 (WO00/01141)

[30] US (60/090,805) 1998-06-26

[21] **2,335,937**  
[13] A1

[51] **Int.Cl. 6C07K 1/00 6C07K 14/00 6C07K 17/00**

[25] EN

[54] **AZAFITIG, A PROTEOGLYCAN FOR MONITORING CACHEXIA AND FOR CONTROL OF OBESITY**

[54] **PROTEOGLYCANE (AZAFITIG) SERVANT A SURVEILLER LA CACHEXIE ET A LUTTER CONTRE L'OBESITE**

[72] VIJAYAGOPAL, PARAKAT, US

[72] FIGUEROA, JULIO E., II, US

[72] PRASAD, CHANDAN, US

[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND, US

[85] 2000-12-21

[86] 1999-06-28 (PCT/US99/14620)

[87] 2000-01-06 (WO00/00810)

[30] US (60/150,695) 1998-06-30

## Demandes PCT entrant en phase nationale

[21] **2,335,938**  
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04Q 11/04**  
[25] EN  
[54] **METHOD FOR THE TRANSMISSION OF INFORMATION IN THE SUBSCRIBER LINE AREA**  
[54] **PROCEDE POUR TRANSMETTRE DES DONNEES DANS LA ZONE DE RACCORDEMENT D'ABONNE**  
[72] SCHRODER, STEFAN, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-12-22  
[86] 1999-06-17 (PCT/EP99/04206)  
[87] 2000-01-06 (WO00/01135)  
[30] EP (98111918.3) 1998-06-26

[21] **2,335,939**  
[13] A1

[51] **Int.Cl. 6A61K 33/16 6A61K 33/00**  
[25] EN  
[54] **COMPOSITION CONTAINING SULFUR HEXAFLUORIDE AND OXYGEN, FOR INCREASING OR DECREASING THE BODY TEMPERATURE OF A PATIENT**  
[54] **COMPOSITION CONTENANT DE L'HEXAFLUORURE DE SOUFRE ET DE L'OXYGENE ET PERMETTANT D'AUGMENTER OU DE DIMINUER LA TEMPERATURE CORPORELLE D'UN PATIENT**  
[72] FERRIGNO, MASSIMO, US  
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, US  
[85] 2000-12-22  
[86] 1999-06-22 (PCT/US99/13878)  
[87] 1999-12-29 (WO99/66938)  
[30] US (60/090,521) 1998-06-24

[21] **2,335,940**  
[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 9/00 6A61K 9/16 6A61K 9/51 6A61K 9/72**  
[25] EN  
[54] **PARTICULATE DELIVERY SYSTEMS AND METHODS OF USE**  
[54] **SYSTEMES ADMINISTRATION DE PARTICULES ET PROCEDES D'UTILISATION**  
[72] BOT, ADRIAN I., US  
[72] TARARA, THOMAS E., US  
[72] KABALNOV, ALEXEY, US  
[72] WEERS, JEFFRY G., US  
[72] SCHUTT, ERNEST G., US  
[72] DELLAMARY, LUIS A., US  
[71] INHALE THERAPEUTIC SYSTEMS, INC., US  
[85] 2000-12-22  
[86] 1999-03-31 (PCT/US99/06855)  
[87] 2000-01-06 (WO00/00215)  
[30] US (09/106,932) 1998-06-29  
[30] US (09/133,848) 1998-08-14  
[30] US (PCT/US98/20603) 1998-09-29  
[30] US (PCT/US98/20602) 1998-09-29  
[30] US (PCT/US98/20615) 1998-09-29  
[30] US (PCT/US98/20613) 1998-09-29  
[30] US (09/218,213) 1998-12-22  
[30] US (09/219,736) 1998-12-22  
[30] US (09/218,209) 1998-12-22  
[30] US (09/218,212) 1998-12-22

[21] **2,335,941**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 31/07 6A61K 31/13 6A61K 31/165 6A61K 31/20 6A61K 31/66**  
[25] EN  
[54] **TREATMENT OF HYPERPROLIFERATIVE DISORDERS**  
[54] **TRAITEMENT DE TROUBLES HYPERPROLIFERANTS**  
[72] MAURER, BARRY JAMES, US  
[72] REYNOLDS, C., PATRICK, US  
[72] CABOT, MYLES, US  
[71] CHILDREN'S HOSPITAL OF LOS ANGELES, US  
[71] JOHN WAYNE CANCER INSTITUTE, US  
[85] 2000-12-22  
[86] 1999-06-28 (PCT/US99/14591)  
[87] 2000-01-06 (WO00/00207)  
[30] US (60/091,138) 1998-06-29

[21] **2,335,942**  
[13] A1

[51] **Int.Cl. 6G02B 6/00 6G02F 1/01 6G02B 6/12 6G02B 6/26 6G02F 1/295**  
[25] EN  
[54] **TWIN WAVEGUIDE BASED DESIGN FOR PHOTONIC INTEGRATED CIRCUITS**  
[54] **STRUCTURE A GUIDE D'ONDES DOUBLE DESTINEE AUX CIRCUITS INTEGRES PHOTONIQUES**  
[72] FORREST, STEPHEN R., US  
[72] GOKHALE, MILIND R., US  
[72] STUDENKOV, PAVEL, US  
[71] THE TRUSTEES OF PRINCETON UNIVERSITY, US  
[85] 2000-12-22  
[86] 1999-06-23 (PCT/US99/14219)  
[87] 1999-12-29 (WO99/67665)  
[30] US (60/090,451) 1998-06-24

[21] **2,335,945**  
[13] A1

[51] **Int.Cl. 6A01N 43/80 6A01N 43/18 6A01N 25/32 6A01N 43/56**  
[25] EN  
[54] **COMBINATIONS OF HERBICIDES AND SAFENERS**  
[54] **COMBINAISON D'HERBICIDES ET DE PHYTOPROTECTEURS**  
[72] HACKER, ERWIN, DE  
[72] BIERINGER, HERMANN, DE  
[72] WILLMS, LOTHAR, DE  
[72] ZIEMER, FRANK, DE  
[71] AVENNTIS CROPSCIENCE GMBH, DE  
[85] 2000-12-22  
[86] 1999-06-09 (PCT/EP99/03980)  
[87] 1999-12-29 (WO99/66795)  
[30] DE (198 27 855.1) 1998-06-23

[21] **2,335,946**  
[13] A1

[51] **Int.Cl. 6C08K 5/5399 6C08L 69/00**  
[25] EN  
[54] **FLAME-RESISTANT POLYCARBONATE ABS MOULDING MATERIALS**  
[54] **MATIERES MOULEES A BASE DE POLYCARBONATE/PLASTIQUE ABS ININFLAMMABLES**  
[72] ECKEL, THOMAS, DE  
[72] WITTMANN, DIETER, DE  
[72] ZOBEL, MICHAEL, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-12-22  
[86] 1999-06-12 (PCT/EP99/04062)  
[87] 2000-01-06 (WO00/00544)  
[30] DE (198 28 535.3) 1998-06-26

## PCT Applications Entering the National Phase

[21] **2,335,948**  
[13] A1

[51] **Int.Cl. 6C08K 5/5399 6C08K 3/00 6C08L 69/00 6C08K 13/02**  
[25] EN  
[54] **FLAME RESISTANT POLYCARBONATE/ABS PLASTIC MOLDING MATERIALS**  
[54] **MATIERES MOULEES EN POLYCARBONATE/PLASTIQUE ABS ININFLAMMABLES**  
[72] ZOBEL, MICHAEL, DE  
[72] ECKEL, THOMAS, DE  
[72] WITTMANN, DIETER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-12-22  
[86] 1999-06-12 (PCT/EP99/04059)  
[87] 2000-01-06 (WO00/00541)  
[30] DE (198 28 536.1) 1998-06-26

[21] **2,335,949**  
[13] A1

[51] **Int.Cl. 6B66C 1/62**  
[25] EN  
[54] **PALLET PULLER ARRANGEMENT**  
[54] **SYSTEME DE RETRAIT DE PALETTES**  
[72] SIMONSON, RUSSELL L., JR., US  
[71] SIMONSON, RUSSELL L., JR., US  
[85] 2000-12-22  
[86] 1999-06-23 (PCT/US99/14230)  
[87] 1999-12-29 (WO99/67167)  
[30] US (60/090,610) 1998-06-23  
[30] US (60/103,239) 1998-10-05

[21] **2,335,950**  
[13] A1

[51] **Int.Cl. 7H01S 5/068 7G01C 19/72**  
[25] EN  
[54] **LIGHT SOURCE CONTROL DEVICE**  
[54] **DISPOSITIF DE COMMANDE D'UNE SOURCE LUMINEUSE**  
[72] BIELAS, MICHAEL S., US  
[71] HONEYWELL INC., US  
[85] 2000-12-22  
[86] 1999-06-30 (PCT/US99/14857)  
[87] 2000-01-06 (WO00/01046)  
[30] US (09/107,309) 1998-06-30

[21] **2,335,951**  
[13] A1

[51] **Int.Cl. 6G01N 33/50 6G01N 33/543 6C12Q 1/68**  
[25] EN  
[54] **DECODING OF ARRAY SENSORS WITH MICROSPHERES**  
[54] **DECODAGE DE DETECTEURS MATRICIELS A MICROSPHERES**  
[72] CZARNIK, ANTHONY W., US  
[72] STUELPNAGEL, JOHN R., US  
[72] CHEE, MARK S., US  
[71] ILLUMINA, INC., US  
[85] 2000-12-22  
[86] 1999-06-24 (PCT/US99/14387)  
[87] 1999-12-29 (WO99/67641)  
[30] US (60/090,473) 1998-06-24  
[30] US (09/189,543) 1998-11-10

[21] **2,335,952**  
[13] A1

[51] **Int.Cl. 6A61L 25/00**  
[25] EN  
[54] **CARBODIIMIDE CROSS-LINKED ALBUMIN FOR BIOADHESIVES, SURGICAL SEALANTS AND IMPLANTABLE DEVICES**  
[54] **ALBUMINE RETICULEE DE CARBODIIMIDE POUR BIOADHESIFS CHIRURGICAUX DE SCELLEMENT ET DISPOSITIFS A IMPLANTER**  
[72] WILKIE, JAMES A., US  
[72] PENDHARKAR, SANYOG MANOHAR, US  
[72] TAMMISHETTI, SHEKHARAM, IN  
[71] SURGICAL SEALANTS, INCORPORATED, US  
[85] 2000-12-22  
[86] 1999-06-23 (PCT/US99/14232)  
[87] 1999-12-29 (WO99/66964)  
[30] US (60/090,609) 1998-06-23

[21] **2,335,953**  
[13] A1

[51] **Int.Cl. 6B62K 25/04**  
[25] EN  
[54] **BICYCLE WITH CRANK ASSEMBLY SUSPENSION SYSTEM**  
[54] **BICYCLETTE AVEC SYSTEME DE SUSPENSION DE L'ENSEMBLE MANIVELLE**  
[72] BUSBY, JAMES S., US  
[71] GT BICYCLES, INC., US  
[85] 2000-12-22  
[86] 1999-06-15 (PCT/US99/13465)  
[87] 1999-12-23 (WO99/65760)  
[30] US (09/098,087) 1998-06-16

[21] **2,335,956**  
[13] A1

[51] **Int.Cl. 6A61K 35/78 6A61K 31/05 6A61K 31/19 6A61K 31/235**  
[25] EN  
[54] **COMPOUNDS OBTAINED FROM SALVIA SPECIES HAVING ANTIVIRAL ACTIVITY**  
[54] **COMPOSES PROVENANT D'ESPECES DE SALVIA POSSEDANT UNE ACTIVITE ANTIVIRALE**  
[72] HAN, MYUN K., US  
[72] LEE, PAUL, US  
[71] GEORGETOWN UNIVERSITY, US  
[85] 2000-12-22  
[86] 1999-06-25 (PCT/US99/14297)  
[87] 1999-12-29 (WO99/66942)  
[30] US (09/104,363) 1998-06-25

[21] **2,336,003**  
[13] A1

[51] **Int.Cl. 6C07D 205/08 6C07D 205/09**  
[25] EN  
[54] **AMIDINO AND GUANIDINO AZETIDINONE TRYPTASE INHIBITORS**  
[54] **INHIBITEURS D'AMIDINO ET GUANIDINO AZETIDONONE TRYPTASE**  
[72] SUTTON, JAMES C., US  
[72] SEILER, STEVEN, US  
[72] KRONENTHAL, DAVID R., US  
[72] ZAHLER, ROBERT, US  
[72] RANDAZZO, MICHAEL E., US  
[72] TREUNER, UWE, US  
[72] XU, ZHONGMIN, US  
[72] SHI, ZHONGPING, US  
[72] SCHWINDEN, MARK D., US  
[72] BISACCHI, GREGORY, US  
[72] SLUSARCHYK, WILLIAM A., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-12-22  
[86] 1999-06-18 (PCT/US99/13811)  
[87] 1999-12-29 (WO99/67215)  
[30] US (60/090,636) 1998-06-25

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,336,005</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 17/30</b> [25] EN [54] <b>A DEVICE FOR SAFETY CLOSING OR OPENING OF A FLOW</b> [54] <b>DISPOSITIF DE FERMETURE OU D'OUVERTURE DE SECURITE POUR UN FLUX</b> [72] LOID, BENGT, SE [71] MENTON S.A., LU [85] 2000-12-22 [86] 1999-06-21 (PCT/SE99/01118) [87] 2000-01-13 (WO00/01968) [30] SE (9802258-5) 1998-06-25</p>	<p style="text-align: right;">[21] <b>2,336,011</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01F 1/057 6B22F 3/00 6H01F 1/03 6C04B 35/04 6H01F 1/26 6C04B 35/64</b> [25] EN [54] <b>HIGH PERFORMANCE IRON-RARE EARTH-BORON-REFRACTORY-COBALT NANOCOMPOSITES</b> [54] <b>NANOCOMPOSITES HAUTE PERFORMANCE A BASE DE FER-TERRE RARE-BORE-METAUX REFRACTAIRES-COBALT</b> [72] MA, BAO-MIN, US [72] CHEN, QUN, US [72] CHANG, WEN CHENG, CN [72] BOUNDS, CHARLES O., US [71] SANTOKU AMERICA, INC., US [85] 2000-12-22 [86] 1999-07-09 (PCT/US99/15439) [87] 2000-01-20 (WO00/03403) [30] US (60/092,959) 1998-07-13</p>	<p style="text-align: right;">[21] <b>2,336,023</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09C 1/42 6C09C 3/04</b> [25] EN [54] <b>CALCINED KAOLIN PIGMENTS AND BLENDS AND THE METHOD FOR MANUFACTURING THE SAME FROM MILL WASTE</b> [54] <b>PIGMENTS DE KAOLIN CALCINES ET LEURS MELANGES ET PROCEDES DE PRODUCTION A PARTIR DE DECHETS D'USINE</b> [72] GINN, MICHAEL W., US [71] GINN, MICHAEL W., US [85] 2000-12-22 [86] 1999-06-23 (PCT/US99/14314) [87] 1999-12-29 (WO99/67335) [30] US (09/102,856) 1998-06-23</p>
<p style="text-align: right;">[21] <b>2,336,008</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05D 1/00</b> [25] EN [54] <b>LEARNING PROGRAMMABLE LIMIT SWITCH AND METHOD PROVIDING REAL-TIME PASSIVE FEEDBACK</b> [54] <b>INTERRUPTEUR DE FIN DE COURSE PROGRAMMABLE A APPRENTISSAGE ET PROCEDE ASSURANT UNE RETRACTION PASSIVE EN TEMPS REEL</b> [72] MABEE, BRIAN D., US [72] VONDERHAAR, TIMOTHY J., US [71] FORCE CONTROL INDUSTRIES, INC., US [85] 2000-12-22 [86] 1999-06-16 (PCT/US99/13505) [87] 1999-12-29 (WO99/67691) [30] US (09/104,023) 1998-06-24</p>	<p style="text-align: right;">[21] <b>2,336,013</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47K 5/12</b> [25] EN [54] <b>FEED SYSTEM FOR SOAP AND LOTION DISPENSER</b> [54] <b>SYSTEME D'ALIMENTATION POUR UN DISTRIBUTEUR DE SAVON ET DE LOTION</b> [72] REDMAN, DENNIS W., US [72] HANNA, EMMANUEL A., US [71] BOBRICK WASHROOM EQUIPMENT, INC., US [85] 2000-12-22 [86] 1998-06-23 (PCT/US98/13144) [87] 1999-12-29 (WO99/66821)</p>	<p style="text-align: right;">[21] <b>2,336,026</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 37/02 6C07C 67/055 6B01J 23/44 6B01J 23/52</b> [25] EN [54] <b>METHOD FOR PRODUCING SHELL CATALYSTS BY CVD PROCESS</b> [54] <b>PROCEDE DE FABRICATION DE CATALYSEURS EN COQUILLE PAR DEPOT CHIMIQUE EN PHASE VAPEUR</b> [72] FISCHER, ROLAND, DE [72] DINGERDISSEN, UWE, DE [72] MANZ, ANDRE, DE [72] KUHLEIN, KLAUS, DE [72] WERNER, HARALD, DE [72] HAGEMEYER, ALFRED, DE [71] AVENTIS RESEARCH &amp; TECHNOLOGIES GMBH &amp; CO. KG, DE [85] 2000-12-22 [86] 1999-06-11 (PCT/EP99/04031) [87] 1999-12-29 (WO99/67022) [30] DE (198 27 844.6) 1998-06-23</p>
<p style="text-align: right;">[21] <b>2,336,009</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/50 6G01N 33/566</b> [25] EN [54] <b>USE OF RECEPTORS OF THE REV-ERB FAMILY TO SCREEN METABOLISM DYSFUNCTIONS</b> [54] <b>UTILISATION DE RECEPTEURS DE LA FAMILLE REV-ERB POUR LE CRIBLAGE DES DYSFONCTIONNEMENT DU METABOLISME</b> [72] BONHOMME, YVES, FR [72] RASPE, ERIC, BE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE [85] 2000-12-22 [86] 1999-06-21 (PCT/EP99/04286) [87] 1999-12-29 (WO99/67637) [30] FR (98/08093) 1998-06-25</p>	<p style="text-align: right;">[21] <b>2,336,016</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22C 21/06 6C22C 1/02 6B22D 21/04</b> [25] EN [54] <b>TREATMENT OF AN ALUMINIUM ALLOY MELT</b> [54] <b>TRAITEMENT D'UNE MASSE FONDUE D'ALLIAGE D'ALUMINIUM</b> [72] KOCH, HUBERT, DE [71] ALUMINIUM RHEINFELDEN GMBH, DE [85] 2000-12-22 [86] 1999-06-21 (PCT/IB99/01260) [87] 2000-01-06 (WO00/00654) [30] EP (98810594.6) 1998-06-26</p>	



## PCT Applications Entering the National Phase

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[21] **2,336,029**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM FOR DISTRIBUTION AND DISPLAY OF ADVERTISEMENTS WITHIN ELEVATOR CARS**  
[54] **SYSTEME DE DISTRIBUTION ET DE PRESENTATION D'ANNONCES PUBLICITAIRES DANS DES CABINES D'ASCENSEUR**  
[72] HUGHES, BRET A., US  
[72] FANNING, GARY N., US  
[71] ELEVATING COMMUNICATIONS, INC., US  
[85] 2000-12-22  
[86] 1999-06-24 (PCT/US99/14464)  
[87] 2000-01-06 (WO00/00917)  
[30] US (09/111,367) 1998-06-26

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[21] **2,336,043**  
[13] A1

[51] **Int.Cl. 7B01D 53/14**  
[25] EN  
[54] **METHOD FOR REMOVING ACID GAS COMPONENTS FROM GASES**  
[54] **PROCEDE PERMETTANT D'ELIMINER D'UN GAZ SES COMPOSANTS ACIDES**  
[72] GROSSMANN, CHRISTOPH, DE  
[72] ASPRION, NORBERT, DE  
[72] KOLASSA, DIETER, DE  
[72] HANZEL, KARL-HEINZ, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-12-27  
[86] 1999-06-23 (PCT/EP99/04366)  
[87] 2000-01-06 (WO00/00271)  
[30] DE (198 28 977.4) 1998-06-29

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[21] **2,336,044**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **CHANNEL ALLOCATION IN A TELECOMMUNICATIONS SYSTEM WITH ASYMMETRIC UPLINK AND DOWNLINK TRAFFIC**  
[54] **ATTRIBUTION DE CANAUX DANS UN SYSTEME DE TELECOMMUNICATIONS A ASYMETRIE DES TRAFICS MONTANT ET DESCENDANT**  
[72] KRONESTEDT, FREDRIC, SE  
[72] MALMGREN, GORAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-12-27  
[86] 1999-06-24 (PCT/SE99/01153)  
[87] 2000-01-06 (WO00/01188)  
[30] US (09/107,472) 1998-06-30

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[21] **2,336,045**  
[13] A1

[51] **Int.Cl. 7G05B 9/03**  
[25] EN  
[54] **CONTROLLER OR ENGINE CONTROLLER, ENGINE AND METHOD FOR ADJUSTING A CONTROL OR DRIVE SYSTEM OR AN ENGINE**  
[54] **REGULATEUR OU REGULATEUR DE PROPULSEUR, PROPULSEUR ET PROCEDE POUR REGLER UN SYSTEME DE REGLAGE OU D'ENTRAINEMENT OU UN PROPULSEUR**  
[72] SCHWAMM, FRIEDRICH, DE  
[71] MTU AERO ENGINES GMBH, DE  
[85] 2000-12-27  
[86] 2000-04-27 (PCT/DE00/01318)  
[87] 2000-11-09 (WO00/67080)  
[30] DE (199 19 504.8) 1999-04-29

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[21] **2,336,047**  
[13] A1

[51] **Int.Cl. 7A23C 19/032**  
[25] EN  
[54] **CHEESE RIPENING PROCESS**  
[54] **PROCEDE D'AFFINAGE DE FROMAGE**  
[72] SMITH, MARK RODNEY, GB  
[72] PAWLETT, DENISE, GB  
[72] BROWNING, PAUL DONALD, GB  
[71] IMPERIAL BIOTECHNOLOGY LIMITED, GB  
[85] 2000-12-27  
[86] 1999-06-29 (PCT/GB99/02036)  
[87] 2000-01-06 (WO00/00037)  
[30] GB (9814056.9) 1998-06-29

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[21] **2,336,048**  
[13] A1

[51] **Int.Cl. 6H04J 3/14**  
[25] EN  
[54] **METHOD AND SYSTEM FOR BURST CONGESTION CONTROL IN AN ATM NETWORK**  
[54] **PROCEDE ET SYSTEME POUR LA REGULATION DES D'ENCOMBREMENTS SPORADIQUES DANS UN RESEAU MTA**  
[72] PATHAK, GIRISH, US  
[72] GERSHT, ALEXANDER, US  
[72] SHULMAN, ALEXANDER, US  
[71] VERIZON LABORATORIES INC., US  
[85] 2000-12-27  
[86] 1999-06-25 (PCT/US99/14623)  
[87] 2001-01-06 (WO00/01168)  
[30] US (09/105,905) 1998-06-26  
[30] US (09/232,069) 1999-01-14

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[21] **2,336,049**  
[13] A1

[51] **Int.Cl. 6B65B 1/18 6B65B 31/02 6B65D 39/04 6B65B 55/10 6B65B 3/17**  
[25] EN  
[54] **PLUG AND GLAND ASEPTIC PACKAGE SYSTEM**  
[54] **SYSTEME D'EMBALLAGE ASEPTIQUE A BOUCHON ET JOINT SERRANT**  
[72] ANDERSON, IAN MCARTHUR, AU  
[71] ASTRAPAK LIMITED, AU  
[85] 2000-12-27  
[86] 1999-06-25 (PCT/AU99/00514)  
[87] 2000-01-06 (WO00/00390)  
[30] AU (PP 4374) 1998-06-29  
[30] AU (PP 8262) 1999-01-20

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[21] **2,336,051**  
[13] A1

[51] **Int.Cl. 6F42B 15/36**  
[25] EN  
[54] **MISSILE FOR COMBATING STATIONARY AND/OR MOVING TARGETS**  
[54] **MISSILE POUR COMBATTRE DES CIBLES FIXES ET/OU MOBILES**  
[72] TRANAPP, NORBERT, DE  
[72] ARNOLD, MICHAEL, DE  
[72] KRUGER, REINHARD, DE  
[72] GAUGGEL, ROLAND, DE  
[71] LFK-LENKFLUGKORPERSYSTEME GMBH, DE  
[85] 2000-12-27  
[86] 1999-06-25 (PCT/DE99/01863)  
[87] 2000-01-06 (WO00/00781)  
[30] DE (198 28 645.7) 1998-06-29

## Demandes PCT entrant en phase nationale

[21] **2,336,054**  
[13] A1

[51] **Int.Cl. 6A61K 31/415 6C07D 291/00 6C07D 487/00 6C07D 498/00 6C07D 513/00 6C07D 337/16 6C07D 281/18 6C07D 267/22**  
[25] EN  
[54] **INHIBITORS OF PRENYL-PROTEIN TRANSFERASE**  
[54] **INHIBITEURS DE PRENYL-PROTEINE TRANSFERASE**  
[72] DESOLMS, S. JANE, US  
[72] CICCARONE, TERRENCE M., US  
[72] BELL, IAN M., US  
[72] ANTHONY, NEVILLE J., US  
[72] BESHORE, DOUGLAS C., US  
[72] DINSMORE, CHRISTOPHER J., US  
[72] STOKKER, GERALD E., US  
[71] MERCK AND CO., INC., US  
[85] 2000-12-27  
[86] 1999-06-29 (PCT/US99/14735)  
[87] 2000-01-13 (WO00/01382)  
[30] US (60/091,513) 1998-07-02

[21] **2,336,060**  
[13] A1

[51] **Int.Cl. 7A61K 31/4439 7A61P 27/02 7A61P 27/12 7A61K 31/17 7A61K 31/27 7A61P 25/28 7A61K 31/401**  
[25] EN  
[54] **SMALL MOLECULE CARBAMATES OR UREAS FOR VISION AND MEMORY DISORDERS**  
[54] **CARBAMATES OU UREES A PETITE MOLECULE, DESTINES A DES TROUBLES DE LA VISION ET DE LA MEMOIRE**  
[72] HAMILTON, GREGORY S., US  
[72] STEINER, JOSEPH P., US  
[72] ROSS, DOUGLAS T., US  
[72] SAUER, HANSJORG, US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-27  
[86] 1999-08-12 (PCT/US99/18237)  
[87] 2000-02-24 (WO00/09105)  
[30] US (09/134,475) 1998-08-14

[21] **2,336,062**  
[13] A1

[51] **Int.Cl. 6C12N 5/02 6C12M 3/02**  
[25] EN  
[54] **BIOREACTOR AND CELL CULTURING PROCESSES USING THE BIOREACTOR**  
[54] **BIOREACTEUR ET PROCEDES DE CULTURE DE CELLULES UTILISANT CE BIOREACTEUR**  
[72] TSAO, YOW-MIN D., US  
[71] WYLE LABORATORIES, INC., LIFE SCIENCES, US  
[85] 2000-12-27  
[86] 1999-06-28 (PCT/US99/14972)  
[87] 2000-01-06 (WO00/00586)  
[30] US (09/106,987) 1998-06-29

[21] **2,336,064**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 14/78 7C12N 15/82**  
[25] EN  
[54] **FIBROUS PROTEINS AND THE PRODUCTION THEREOF**  
[54] **PROTEINE DE FIBRE ET SA PRODUCTION**  
[72] DURING, KLAUS, DE  
[71] MPB COLOGNE GMBH MOLECULAR PLANT & PROTEIN BIOTECHNOLOGY, DE  
[85] 2000-12-27  
[86] 1999-08-03 (PCT/DE99/02359)  
[87] 2000-02-17 (WO00/08142)  
[30] DE (198 34 909.2) 1998-08-03

[21] **2,336,079**  
[13] A1

[51] **Int.Cl. 6C02F 1/48 6B03C 1/02**  
[25] EN  
[54] **GENERATOR OF MAGNETIC FIELDS INCREMENTED BY THE PASSAGE OF FLUIDS**  
[54] **GENERATEUR DE CHAMPS MAGNETIQUES AUGMENTES PAR LE PASSAGE DE FLUIDES**  
[72] BONILLA LEANOS, ELISEO ALFREDO, MX  
[71] BONILLA LEANOS, ELISEO ALFREDO, MX  
[85] 2000-12-27  
[86] 1998-06-26 (PCT/MX98/00026)  
[87] 2000-01-06 (WO00/00435)

[21] **2,336,089**  
[13] A1

[51] **Int.Cl. 7C07D 311/04 7C07D 405/04 7C07D 313/08 7C07D 321/10 7C07D 319/18 7C07D 307/79**  
[25] EN  
[54] **6-(4-ARYLALKYLPIPERAZIN-1-YL)BENZODIOXANE AND 6-(4-ARYLALKYLPIPERAZIN-1-YL)CHROMANE DERIVATIVES: DOPAMINE RECEPTOR SUBTYPE SPECIFIC LIGANDS**  
[54] **DERIVES DE 6-(4-ARYLALKYLPIPERAZINE-1-YL)BENZODIOXANE ET DE 6-(4-ARYLALKYLPIPERAZINE-1-YL)CHROMANE EN TANT QUE LIGANDS SPECIFIQUE DU SOUS-TYPE DU RECEPTEUR DE LA DOPAMINE**  
[72] THURKAUF, ANDREW, US  
[72] TRAN, JENNIFER N., US  
[71] NEUROGEN CORPORATION, US  
[85] 2000-12-27  
[86] 1999-06-25 (PCT/US99/14426)  
[87] 2000-01-06 (WO00/00489)  
[30] US (09/109,242) 1998-06-30

[21] **2,336,091**  
[13] A1

[51] **Int.Cl. 6G02B 6/13**  
[25] EN  
[54] **LASER DIRECT WRITING OF PLANAR LIGHTWAVE CIRCUITS**  
[54] **GRAVURE DIRECTE AU LASER DE CIRCUITS A ONDES LUMINEUSES PLANAIRES**  
[72] LUTHER-DAVIES, BARRY, AU  
[72] CHARTERS, ROBBIE, AU  
[72] LADOUCEUR, FRANCOIS, DE  
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU  
[85] 2000-12-27  
[86] 1999-07-02 (PCT/AU99/00540)  
[87] 2000-01-13 (WO00/02073)  
[30] AU (PP 4465) 1998-07-03

## PCT Applications Entering the National Phase

[21] **2,336,094**  
[13] A1

[51] **Int.Cl. 7A61L 15/18 7A61L 15/20 7A61L 15/48**  
[25] EN  
[54] **DISPOSABLE WASTE MANAGEMENT DEVICE**  
[54] **ARTICLE JETABLE AVEC TRAITEMENT DES DECHETS**  
[72] BEWICK-SONNTAG, CHRISTOPHER PHILLIP, IT  
[72] SCHMIDT, MATTIAS, DE  
[72] AHR, NICHOLAS ALBERT, US  
[72] ROE, DONALD CARROLL, US  
[72] MASON, OLIVER EDWIN CLARKE, US  
[72] GOLDMAN, STEPHEN ALLEN, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-27  
[86] 1999-06-29 (PCT/US99/14666)  
[87] 2000-01-06 (WO00/00226)  
[30] US (60/091,076) 1998-06-29  
[30] US (09/106,225) 1998-06-29  
[30] US (09/107,561) 1998-06-29  
[30] US (60/090,993) 1998-06-29

[21] **2,336,097**  
[13] A1

[51] **Int.Cl. 7B60N 2/28**  
[25] EN  
[54] **CARRIER FOR CHILDREN, FOR SECURING IN CARS**  
[54] **BAQUET POUR ENFANTS SE FIXANT DANS LES AUTOMOBILES**  
[72] BJERKAN, ANN-KRISTIN, NO  
[71] BJERKAN, ANN-KRISTIN, NO  
[85] 2000-12-27  
[86] 2000-04-17 (PCT/NO00/00128)  
[87] 2000-11-09 (WO00/66391)  
[30] NO (19992020) 1999-04-28

[21] **2,336,099**  
[13] A1

[51] **Int.Cl. 6H03M 13/00 6G06F 1/00 6H04L 7/00 6H04L 9/00 6H04L 25/34**  
[25] EN  
[54] **METHOD OF ENCODING BITS IN A SIGNAL**  
[54] **PROCEDE DE CODAGE DE BITS DANS UN SIGNAL**  
[72] MILLER, MATTHEW L., US  
[71] SIGNAFY, INC., US  
[85] 2000-12-27  
[86] 1999-04-16 (PCT/US99/08428)  
[87] 2000-01-06 (WO00/01076)  
[30] US (09/105,495) 1998-06-26

[21] **2,336,102**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12P 19/34**  
[25] EN  
[54] **ABSORPTIVE HYPERCALCIURIA LOCUS ON HUMAN CHROMOSOME 1**  
[54] **LOCUS DE L'HYPERCALCIURIE D'ABSORPTION SUR LE CHROMOSOME 1 HUMAIN**  
[72] PAK, CHARLES Y. C., US  
[72] REED-GITOMER, BERENICE Y., US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2000-12-27  
[86] 1999-06-23 (PCT/US99/14347)  
[87] 1999-12-29 (WO99/67426)  
[30] US (60/090,348) 1998-06-23

[21] **2,336,144**  
[13] A1

[51] **Int.Cl. 7C09D 1/00 7C03C 17/00 7C08J 7/06 7C09K 3/18**  
[25] EN  
[54] **COATINGS AGENT AND THE USE THEREOF**  
[54] **AGENTS DE REVETEMENT ET LEUR UTILISATION**  
[72] BIER, PETER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-12-22  
[86] 1999-06-17 (PCT/EP99/04179)  
[87] 2000-01-06 (WO00/00554)  
[30] DE (198 29 163.9) 1998-06-30

[21] **2,336,147**  
[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61P 27/02 7A61K 31/425 7A61K 31/44 7A61K 31/445**  
[25] EN  
[54] **N-LINKED SULFONAMIDES OF N-HETEROCYCLIC CARBOXYLIC ACIDS OR ISOSTERES FOR VISION AND MEMORY DISORDERS**  
[54] **SULFONAMIDES A LIAISON N D'ACIDES CARBOXYLIQUES N-HETEROCYCLIQUES OU ISOSTERES, DESTINES A DES TROUBLES DE LA VISION ET DE LA MEMOIRE**  
[72] ROSS, DOUGLAS T., US  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[72] SAUER, HANSJORG, US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-27  
[86] 1999-08-12 (PCT/US99/18231)  
[87] 2000-02-24 (WO00/09103)  
[30] US (09/134,471) 1998-08-14

[21] **2,336,148**  
[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61P 27/02 7A61P 25/28 7A61K 31/425 7A61K 31/44 7A61K 31/445**  
[25] EN  
[54] **SULFONAMIDES OF N-CONTAINING HETEROCYCLIC THIOESTERS FOR VISION AND MEMORY DISORDERS**  
[54] **SULFONAMIDE A LIAISON N DE THIOESTERS HETEROCYCLIQUES, DESTINE AUX TROUBLES DE LA VISION ET DE LA MEMOIRE**  
[72] HAMILTON, GREGORY S., US  
[72] STEINER, JOSEPH P., US  
[72] SAUER, HANSJORG, US  
[72] ROSS, DOUGLAS T., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2000-12-27  
[86] 1999-08-12 (PCT/US99/18240)  
[87] 2000-02-24 (WO00/09107)  
[30] US (09/134,421) 1998-08-14

[21] **2,336,149**  
[13] A1

[51] **Int.Cl. 6C08L 83/12 6C08G 77/46 6A61K 9/58**  
[25] EN  
[54] **A MEMBRANE OR MATRIX FOR CONTROLLING THE PERMEATION RATE OF DRUGS**  
[54] **MEMBRANE OU MATRICE PERMETTANT DE REGULER LA VITESSE DE PERMEATION DES MEDICAMENTS**  
[72] JUKARAINEN, HARRI, FI  
[72] RUOHONEN, JARKKO, FI  
[72] ALA-SORVARI, JUHA, FI  
[72] LEHTINEN, MATTI, FI  
[72] MARKKULA, TOMMI, GB  
[71] LEIRAS OY, FI  
[85] 2000-12-27  
[86] 1999-06-11 (PCT/FI99/00511)  
[87] 2000-01-06 (WO00/00550)  
[30] FI (981506) 1998-06-30

## Demandes PCT entrant en phase nationale

[21] **2,336,150**  
[13] A1

[51] **Int.Cl. 7C07D 277/82 7A61K 31/495 7C07D 277/68**

[25] EN

[54] **1-(BENZOTHIAZOL-2-YL)-4-(1-PHENYLMETHYL)PIPERAZINES: DOPAMINE RECEPTOR SUBTYPE SPECIFIC LIGANDS**

[54] **1-(BENZOTHIAZOL-2-YL)-4-(1-PHENYLMETHYL)PIPERAZINES EN TANT QUE LIGANDS SPECIFIQUES DU SOUS-TYPE DU RECEPTEUR DE LA DOPAMINE**

[72] CHEN, XI, US

[71] NEUROGEN CORPORATION, US

[85] 2000-12-27

[86] 1999-06-25 (PCT/US99/14427)

[87] 2000-01-06 (WO00/00482)

[30] US (09/107,607) 1998-06-30

[21] **2,336,151**  
[13] A1

[51] **Int.Cl. 6A61K 31/18**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS FOR THE THERAPY OF VOIDING DYSFUNCTION**

[54] **COMPOSITIONS MEDICINALES DESTINEES A LA THERAPIE DE L'INSUFFISANCE D'EVACUATION**

[72] YOSHINAGA, KOUJI, JP

[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP

[85] 2000-12-27

[86] 1999-06-23 (PCT/JP99/03343)

[87] 2000-01-06 (WO00/00187)

[30] JP (10/179497) 1998-06-26

[21] **2,336,152**  
[13] A1

[51] **Int.Cl. 7A61K 31/401 7A61P 27/02 7A61P 25/28 7A61K 31/4025 7A61K 31/55**

[25] EN

[54] **UREAS AND CARBAMATES OF N-HETEROCYCLIC CARBOXYLIC ACIDS AND ISOSTERES FOR VISION AND MEMORY DISORDERS**

[54] **UREES ET CARBAMATES D'ACIDES CARBOXYLIQUES N-HETEROCYCLIQUES ET ISOSTERES DESTINES A DES TROUBLES DE LA VISION ET DE LA MEMOIRE**

[72] STEINER, JOSEPH P., US

[72] HAMILTON, GREGORY S., US

[72] ROSS, DOUGLAS T., US

[72] SAUER, HANSJORG, US

[71] GPI NIL HOLDINGS, INC., US

[85] 2000-12-27

[86] 1999-08-12 (PCT/US99/18234)

[87] 2000-02-24 (WO00/09125)

[30] US (09/134,420) 1998-08-14

[21] **2,336,153**  
[13] A1

[51] **Int.Cl. 7G01N 33/574**

[25] EN

[54] **METHOD FOR EARLY DIAGNOSIS OF CARCINOMAS**

[54] **METHODE DE DIAGNOSTIC PRECOCE DE CARCINOMES**

[72] VON KNEBEL DOEBERITZ, MAGNUS, DE

[71] DEUTSCHES

KREBSFORSCHUNGSZENTRUM, DE

[71] VON KNEBEL DOEBERITZ, MAGNUS, DE

[85] 2000-12-27

[86] 1999-07-01 (PCT/DE99/02094)

[87] 2000-01-13 (WO00/01845)

[30] DE (198 29 473.5) 1998-07-01

[21] **2,336,154**  
[13] A1

[51] **Int.Cl. 7A61K 31/41 7A61P 27/02 7C07D 263/04 7C07D 207/16 7A61K 31/40 7A61K 31/415 7A61K 31/42 7A61K 31/44**

[25] EN

[54] **CARBOXYLIC ACIDS AND ISOSTERES OF HETEROCYCLIC RING COMPOUNDS HAVING MULTIPLE HETEROATOMS FOR VISION AND MEMORY DISORDERS**

[54] **ACIDES CARBOXYLIQUES ET ISOSTERES DE COMPOSES A NOYAU HETEROCYCLIQUE POSSEDANT PLUSIEURS HETEROATOMES ET DESTINES A DES TROUBLES DE LA VISION ET DE LA MEMOIRE**

[72] SAUER, HANSJORG, US

[72] HAMILTON, GREGORY S., US

[72] ROSS, DOUGLAS T., US

[72] STEINER, JOSEPH P., US

[71] GPI NIL HOLDINGS, INC., US

[85] 2000-12-27

[86] 1999-08-12 (PCT/US99/18238)

[87] 2000-02-24 (WO00/09106)

[30] US (09/134,476) 1998-08-14

[21] **2,336,155**  
[13] A1

[51] **Int.Cl. 6C12S 13/00**

[25] EN

[54] **PRODUCT AND METHOD FOR PRE-EMPTIVE POTENTIAL IN REMEDIATION OF OIL SPILLS**

[54] **PRODUIT ET PROCEDE POTENTIEL PREVENTIF DE BIORESTAURATION DE DEVERSEMENTS DE PETROLE**

[72] KIRSCHNER, LEON, US

[71] KIRSCHNER, LEON, US

[85] 2000-12-27

[86] 1999-06-19 (PCT/US99/13873)

[87] 2000-01-06 (WO00/00648)

[30] US (09/105,387) 1998-06-26

[21] **2,336,188**  
[13] A1

[51] **Int.Cl. 7B23D 57/00 7B28D 1/08**

[25] EN

[54] **SAW-CABLE GUIDE WITH TWO SWIVELLING CABLE GUIDE ROLLS**

[54] **GUIDE-CABLE DE SCIE COMPORTANT DEUX ROULEAUX GUIDE-CABLE OSCILLANTS**

[72] STEINER, ANDREAS, AT

[71] STEINER, ANDREAS, AT

[85] 2000-12-18

[86] 1999-08-06 (PCT/EP99/05695)

[87] 2000-02-24 (WO00/09287)

[30] DE (298 14 495.6) 1998-08-12

## PCT Applications Entering the National Phase

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[21] **2,336,189**  
[13] A1  
[51] **Int.Cl. 6C07D 493/04 6C07D 303/00 6C07D 313/00 6C07D 413/06 6C07D 417/06 6C07D 277/24**  
[25] EN  
[54] **EPOTHILONE MINOR CONSTITUENTS**  
[54] **CONSTITUANTS SECONDAIRES D'EPOTHILONE**  
[72] SASSE, FLORENZ, DE  
[72] HARDT, INGO, DE  
[72] GERTH, KLAUS, DE  
[72] STEINMETZ, HEINRICH, DE  
[72] REICHENBACH, HANS, DE  
[72] HOEFLE, GERHARD, DE  
[71] GESELLSCHAFT FUR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF), DE  
[85] 2000-12-18  
[86] 1999-06-18 (PCT/EP99/04244)  
[87] 1999-12-23 (WO99/65913)  
[30] DE (198 26 988.9) 1998-06-18

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[21] **2,336,190**  
[13] A1  
[51] **Int.Cl. 7A61N 1/36**  
[25] EN  
[54] **IMPLANTABLE STIMULATOR SYSTEM AND METHOD FOR TREATMENT OF URINARY INCONTINENCE**  
[54] **SYSTEME DE STIMULATION IMPLANTABLE ET PROCEDE DE TRAITEMENT DE L'INCONTINENCE URINAIRE**  
[72] RICHMOND, FRANCIS J. R., US  
[72] LOEB, GERALD E., US  
[72] MANN, CARLA M., US  
[71] ADVANCED BIONICS CORPORATION, US  
[85] 2000-12-18  
[86] 1999-06-29 (PCT/US99/14775)  
[87] 2000-01-13 (WO00/01320)  
[30] US (60/091,762) 1998-07-06

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[21] **2,336,191**  
[13] A1  
[51] **Int.Cl. 6F17C 1/00**  
[25] EN  
[54] **HYPERPOLARIZED GAS TRANSPORT DEVICE AND ASSOCIATED TRANSPORT METHOD**  
[54] **DISPOSITIFS DE TRANSPORT ET PROCEDE DE TRANSPORT ASSOCIE**  
[72] HASSON, KENTON C., US  
[72] ZOLLINGER, GERI T. K., US  
[72] ZOLLINGER, DAVID L., US  
[72] BOGORAD, PAUL L., US  
[72] WHEELER, BRADLEY A., US  
[71] MEDI-PHYSICS, INC., US  
[85] 2000-12-18  
[86] 1999-06-16 (PCT/US99/13563)  
[87] 1999-12-23 (WO99/66254)  
[30] US (60/089,692) 1998-06-17  
[30] US (60/121,315) 1999-02-23

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[21] **2,336,192**  
[13] A1  
[51] **Int.Cl. 6A61K 31/405 6A61K 38/06 6A61K 38/07**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATING ELEVATED BLOOD CHOLESTEROL**  
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'UNE CHOLESTEROLEMIE ELEVEE**  
[72] RESZKA, ALFRED A., US  
[71] MERCK & CO., INC., US  
[85] 2000-12-18  
[86] 1999-06-21 (PCT/US99/13888)  
[87] 1999-12-29 (WO99/66930)  
[30] US (60/090,404) 1998-06-24  
[30] GB (9817174.7) 1998-08-06

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[21] **2,336,193**  
[13] A1  
[51] **Int.Cl. 7G01L 1/24**  
[25] EN  
[54] **STRAIN SENSOR WITH OPTICAL FIBRE BRAGG GRATINGS**  
[54] **CAPTEUR DE CONTRAINTE AVEC RESEAUX DE BRAGG A FIBRE OPTIQUE**  
[72] KENNY, ROBERT PATRICK, IT  
[72] LUCIA, ALFREDO CARLO, IT  
[72] WHELAN, MAURICE PATRICK, IT  
[71] EUROPEAN COMMUNITY, REPRESENTED BY COMMISSION OF THE EUROPEAN COMMUNITI, LU  
[85] 2000-12-18  
[86] 1999-11-11 (PCT/GB99/03760)  
[87] 2000-05-18 (WO00/28294)  
[30] GB (9824756.2) 1998-11-11

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[21] **2,336,194**  
[13] A1  
[51] **Int.Cl. 6A61K 31/495**  
[25] EN  
[54] **1-(AMINOALKYL)-3-QUINOXALINE-2-ONE DERIVATIVES FOR THE PREPARATION OF COMPOUNDS HAVING AN ANTIOXIDANT ACTION**  
[54] **UTILISATION DE DERIVES DE 1-(AMINOALKYL)-3-QUINOXALIN-2-ONE POUR PRODUIRE DES COMPOSITIONS A ACTION ANTIOXYDANTE**  
[72] EHRENBERGER, KLAUS, AT  
[72] KONIG, PETER, AT  
[72] FELIX, DOMINIK, CH  
[72] POEGGELER, BURKHARD, US  
[71] PHAFAG AKTIENGESELLSCHAFT, LI  
[85] 2000-12-18  
[86] 1999-06-17 (PCT/AT99/00158)  
[87] 1999-12-29 (WO99/66931)  
[30] AT (A 1063/98) 1998-06-19

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[21] **2,336,195**  
[13] A1  
[51] **Int.Cl. 6C08G 77/08 6C08G 77/20 6C08F 2/46**  
[25] EN  
[54] **DUAL CURING SILICONE COMPOSITIONS**  
[54] **COMPOSITIONS DE SILICONE A DOUBLE PROCESSUS DE DURCISSEMENT**  
[72] CHU, HSIEN-KUN, US  
[72] DECATO, ALFRED A., US  
[71] LOCTITE CORPORATION, US  
[85] 2000-12-18  
[86] 1999-06-24 (PCT/US99/14485)  
[87] 1999-12-29 (WO99/67318)  
[30] US (60/090,403) 1998-06-24

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,336,196</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 1/16 6C07C 13/00 6C07C 15/00 6C08C 19/00 6C08F 8/00 6C08F 10/00 6C08F 236/00 6C08L 9/00 6C07C 2/02 6C08F 36/06 6C08F 36/08 6C08C 19/22</b></p> <p>[25] EN</p> <p>[54] <b>DISPERSANTS AND DISPERSANT VISCOSITY INDEX IMPROVERS FROM SELECTIVELY HYDROGENATED POLYMERS: HYDROFORMYLATION/REDUCTIVE AMINATION REACTION PRODUCTS</b></p> <p>[54] <b>DISPERSANTS ET AMELIORANTS DE L'INDICE DE VISCOSITE DES DISPERSANTS A BASE DE POLYMERES SELECTIVEMENT HYDROGENES: PRODUITS DE REACTION PAR AMINATION REDUCTRICE ET HYDROFORMYLATION</b></p> <p>[72] MATTHEWS, DEMETREOS NESTOR, US</p> <p>[72] LOVELESS, FREDERICK CHARLES, US</p> <p>[72] MARLIN, JOHN EMORY II, US</p> <p>[72] COOLBAUGH, THOMAS SMITH, US</p> <p>[71] MOBIL OIL CORPORATION, US</p> <p>[85] 2000-12-18</p> <p>[86] 1999-05-26 (PCT/US99/11560)</p> <p>[87] 1999-12-29 (WO99/67329)</p> <p>[30] US (09/102,718) 1998-06-23</p>	<p style="text-align: right;">[21] <b>2,336,198</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F25B 19/00 6F24F 3/16</b></p> <p>[25] EN</p> <p>[54] <b>CRYOGENIC FREEZING OF LIQUIDS</b></p> <p>[54] <b>SURGELATION CRYOGENIQUE DE LIQUIDES</b></p> <p>[72] CRAIG, H. RANDALL, US</p> <p>[71] CRAIG, H. RANDALL, US</p> <p>[85] 2000-12-18</p> <p>[86] 1998-11-24 (PCT/US98/25365)</p> <p>[87] 1999-12-23 (WO99/66271)</p> <p>[30] US (60/089,683) 1998-06-17</p>	<p style="text-align: right;">[21] <b>2,336,201</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 49/40 6H01J 49/00 6B01D 59/44</b></p> <p>[25] EN</p> <p>[54] <b>COMPOSITIONS AND METHODS FOR INHIBITING BONE RESORPTION</b></p> <p>[54] <b>COMPOSITIONS ET PROCEDES INHIBANT LA RESORPTION OSSEUSE</b></p> <p>[72] RESZKA, ALFRED A., US</p> <p>[72] SCOLNICK, EDWARD M., US</p> <p>[71] MERCK &amp; CO., INC., US</p> <p>[85] 2000-12-18</p> <p>[86] 1999-06-21 (PCT/US99/13967)</p> <p>[87] 1999-12-29 (WO99/67809)</p> <p>[30] US (60/090,401) 1998-06-24</p> <p>[30] US (60/092,919) 1998-07-15</p> <p>[30] GB (9817172.1) 1998-08-06</p> <p>[30] GB (9822330.8) 1998-10-13</p>
<p style="text-align: right;">[21] <b>2,336,197</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 13/00 6G02B 15/02 6G02B 26/08</b></p> <p>[25] EN</p> <p>[54] <b>OPTICAL ADAPTER SYSTEM FOR A CAMERA</b></p> <p>[54] <b>SYSTEME D'ADAPTATEUR OPTIQUE POUR UN APPAREIL DE PRISE DE VUES</b></p> <p>[72] WEIGEL, WOLFGANG, DE</p> <p>[72] ROESSEL, WOLFGANG, US</p> <p>[71] P + S TECHNIK GMBH, DE</p> <p>[85] 2000-12-18</p> <p>[86] 1999-06-17 (PCT/DE99/01785)</p> <p>[87] 1999-12-23 (WO99/66362)</p> <p>[30] DE (198 27 018.6) 1998-06-17</p>	<p style="text-align: right;">[21] <b>2,336,199</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A62B 1/14</b></p> <p>[25] EN</p> <p>[54] <b>SAFETY DEVICE</b></p> <p>[54] <b>DISPOSITIF DE SECURITE</b></p> <p>[72] COGZELL, JONATHAN MICHAEL, GB</p> <p>[72] ATKINSON, GEOFFREY FRASER, GB</p> <p>[71] LATCHWAYS PLC, GB</p> <p>[85] 2000-12-18</p> <p>[86] 1999-06-18 (PCT/GB99/01882)</p> <p>[87] 1999-12-23 (WO99/65572)</p> <p>[30] GB (9813351.5) 1998-06-19</p>	<p style="text-align: right;">[21] <b>2,336,202</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 15/58</b></p> <p>[25] EN</p> <p>[54] <b>WASTE MANAGEMENT DEVICE WITH ADHESIVE FLANGE</b></p> <p>[54] <b>DISPOSITIF DE COLLECTE DE SUBSTANCES D'ELIMINATION DOTE D'UN BORD ADHESIF</b></p> <p>[72] D'ACCHIOLI, VINCENZO, DE</p> <p>[72] PALUMBO, GIANFRANCO, DE</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 2000-12-18</p> <p>[86] 1999-06-11 (PCT/US99/13003)</p> <p>[87] 2000-01-06 (WO00/00236)</p> <p>[30] US (PCT/US98/13287) 1998-06-26</p>
<p style="text-align: right;">[21] <b>2,336,200</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21D 9/08 6E21D 20/00 6E21D 19/06 6E21D 9/10 6E21C 27/24</b></p> <p>[25] EN</p> <p>[54] <b>TUNNEL BORING MACHINERY</b></p> <p>[54] <b>MACHINE DE FORAGE DE TUNNELS</b></p> <p>[72] PANOZZO, MATTHEW, AU</p> <p>[72] ZENARI, LLOYD, AU</p> <p>[71] MINE SITE TECHNOLOGIES PTY. LTD., AU</p> <p>[85] 2000-12-18</p> <p>[86] 1999-06-18 (PCT/AU99/00493)</p> <p>[87] 1999-12-29 (WO99/67506)</p> <p>[30] AU (PP 4208) 1998-06-19</p> <p>[30] AU (PP 4209) 1998-06-19</p>	<p style="text-align: right;">[21] <b>2,336,203</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 1/16</b></p> <p>[25] EN</p> <p>[54] <b>MULTIFUNCTIONAL ELECTRONIC PALMTOP COMPUTER</b></p> <p>[54] <b>ORDINATEUR DE POCHE ELECTRONIQUE ET POLYVALENT</b></p> <p>[72] MANSUTTI, SILVANO, IT</p> <p>[72] CARDIN, ROBERTO, IT</p> <p>[71] 4P S.R.L., IT</p> <p>[85] 2000-12-18</p> <p>[86] 1999-06-17 (PCT/EP99/04222)</p> <p>[87] 1999-12-29 (WO99/67701)</p> <p>[30] IT (PD98U000067) 1998-06-19</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,336,204</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 305/14 7A61K 31/335</b> [25] EN [54] <b>WATER-SOLUBLE DERIVATIVES OF PACLITAXEL, METHOD FOR PRODUCING SAME AND USES THEREOF</b> [54] <b>DERIVES SOLUBLES A L'EAU DE PACLITAXEL, PROCEDES DE PRODUCTION ET UTILISATION DE CES DERIVES</b> [72] PAGE, MICHEL, CA [72] PARADIS, RENEE, CA [72] BICAMUMPAKA, CYRILLE, CA [72] JAIME, JAIRO, CO [71] BCM DEVELOPPEMENT INC., CA [85] 2000-12-18 [86] 1999-06-30 (PCT/CA99/00605) [87] 2000-01-13 (WO00/01682) [30] US (09/108,585) 1998-07-01</p>	<p style="text-align: right;">[21] <b>2,336,206</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 6/16 6B01D 15/00 6B01J 20/32</b> [25] EN [54] <b>PURIFICATION OF BATTERY ELECTROLYTES BY MEANS OF CHEMICAL ADSORPTION</b> [54] <b>PURIFICATION D'ELECTROLYTES POUR ACCUMULATEURS A L'AIDE DE L'ADSORPTION CHIMIQUE</b> [72] JUNGNITZ, MICHAEL, DE [72] WIEDERHOLD, HOLGER, DE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE [85] 2000-12-18 [86] 1999-06-08 (PCT/EP99/03937) [87] 1999-12-29 (WO99/67843) [30] DE (198 27 630.3) 1998-06-20</p>	<p style="text-align: right;">[21] <b>2,336,209</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22C 19/05</b> [25] EN [54] <b>ADVANCED ULTRA-SUPERCritical BOILER TUBING ALLOY</b> [54] <b>ALLIAGE POUR TUBE DE CHAUDIERE ULTRA-SUPERCritique AMELIORE</b> [72] FARR, NORMAN CHARLES, GB [72] SMITH, GAYLORD DARRELL, US [72] PATEL, SHAILESH JAYANTILAL, US [71] INCO ALLOYS INTERNATIONAL, INC., US [85] 2000-12-18 [86] 1999-06-09 (PCT/US99/13059) [87] 1999-12-29 (WO99/67436) [30] US (09/100,605) 1998-06-19</p>
<p style="text-align: right;">[21] <b>2,336,205</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>LIQUID TRANSPORT MEMBER FOR HIGH FLUX RATES AGAINST GRAVITY</b> [54] <b>ELEMENTS DE TRANSPORT DE LIQUIDES A DEBITS VOLUMIQUES ELEVES S'OPPOSANT A LA FORCE DE GRAVITE</b> [72] DESAI, FRED NAVAL, US [72] LAVON, GARY DEAN, DE [72] YOUNG, GERALD ALFRED, US [72] SCHUMANN, KARL MICHAEL, DE [72] ROE, DONALD CARROLL, US [72] EHRNSPERGER, BRUNO JOHANNES, DE [72] SCHMIDT, MATTIAS, DE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-12-18 [86] 1999-06-29 (PCT/US99/14638) [87] 2000-01-06 (WO00/00138) [30] US (PCT/US98/13521) 1998-06-29</p>	<p style="text-align: right;">[21] <b>2,336,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 8/02</b> [25] EN [54] <b>GAS-TIGHT ASSEMBLY COMPOSED OF A BIPOLAR PLATE AND A MEMBRANE-ELECTRODE UNIT OF POLYMER ELECTROLYTE MEMBRANE FUEL CELLS</b> [54] <b>ENSEMBLE ETANCHE AUX GAZ FORME D'UNE PLAQUE BIPOLAIRE ET D'UNE UNITE MEMBRANE-ELECTRODES DE PILES A COMBUSTIBLE A MEMBRANE D'ELECTROLYTE POLYMERE</b> [72] KOSCHANY, PETRA, DE [71] MANHATTAN SCIENTIFICS, INC., US [85] 2000-12-18 [86] 1999-06-30 (PCT/DE99/01890) [87] 2000-01-13 (WO00/02279) [30] DE (198 29 142.6) 1998-06-30</p>	<p style="text-align: right;">[21] <b>2,336,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>FINANCIAL SERVICES ACCOUNT MANAGER SYSTEM</b> [54] <b>SYSTEME DE GESTION DE COMPTES DE SERVICES FINANCIERS</b> [72] ABRAM, TIMOTHY JAMES, US [72] SUDEC, JOHN A., US [72] RILEY, JAMES F., US [71] FIRST DATA CORPORATION, US [85] 2000-12-18 [86] 1999-06-14 (PCT/US99/13324) [87] 1999-12-23 (WO99/66380) [30] US (09/100,434) 1998-06-19</p>
		<p style="text-align: right;">[21] <b>2,336,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 59/06</b> [25] EN [54] <b>BALL BAT</b> [54] <b>BATTE DE SPORT DE BALLE</b> [72] EGGIMAN, MICHAEL D., US [72] MAIER, STEVEN J., US [72] FRITZKE, MARK A., US [71] WILSON SPORTING GOODS, INC., US [85] 2000-12-18 [86] 1999-06-30 (PCT/US99/14817) [87] 2000-01-13 (WO00/01449) [30] US (09/108,754) 1998-07-01</p>

## Demandes PCT entrant en phase nationale

[21] **2,336,212**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **FUNDING AND SETTLEMENT INTEGRATED SUSPENSE PROCESSING SYSTEM**  
[54] **SYSTEME DE TRAITEMENT DE COMPTE DE PASSAGE INTEGRE DE FINANCEMENT ET DE REGLEMENT**  
[72] RILEY, JAMES F., US  
[72] SUDEC, JOHN A., US  
[72] ROLAND, MICHAEL TODD, US  
[72] HUFFMAN, SCOTT B., US  
[72] METTILLE, PAUL A., US  
[71] FIRST DATA CORPORATION, US  
[85] 2000-12-18  
[86] 1999-06-15 (PCT/US99/13454)  
[87] 1999-12-23 (WO99/66382)  
[30] US (09/100,425) 1998-06-19

[21] **2,336,213**  
[13] A1

[51] **Int.Cl. 6B01D 39/00**  
[25] EN  
[54] **STABLE POLYMERIC ELECTRET MATERIALS**  
[54] **ARTICLES POLYMERES ELECTRET STABLES**  
[72] MYERS, DAVID LEWIS, US  
[72] TURKEVICH, LEONID ANTHONY, US  
[72] LASSIG, JOHN JOSEPH, US  
[72] MIDKIFF, DAVID GRANT, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-12-18  
[86] 1999-06-25 (PCT/US99/14403)  
[87] 2000-01-06 (WO00/00267)  
[30] US (60/091,225) 1998-06-30  
[30] US (60/117,703) 1999-01-30

[21] **2,336,214**  
[13] A1

[51] **Int.Cl. 6F23D 11/44 6C10G 9/04**  
[25] EN  
[54] **REDUCED CARBON FROM UNDER-OXIDIZED BURNER**  
[54] **REDUCTION DU CARBONE PRODUIT PAR UN BRULEUR A SOUS-OXYDATION**  
[72] GREINER, LEONARD, US  
[72] WOODS, RICHARD R., US  
[71] HYDROGEN BURNER TECHNOLOGY, INC., US  
[85] 2000-12-18  
[86] 1999-06-17 (PCT/US99/13733)  
[87] 1999-12-23 (WO99/66262)  
[30] US (60/089,942) 1998-06-19  
[30] US (09/240,298) 1999-01-29

[21] **2,336,215**  
[13] A1

[51] **Int.Cl. 6F27D 21/02**  
[25] EN  
[54] **BARBECUE LIGHT**  
[54] **DISPOSITIF SERVANT A ECLAIRER UN BARBECUE**  
[72] GRISAMORE, GREG E., US  
[72] GATES, JAMES R., US  
[71] GRISAMORE, GREG E., US  
[71] GATES, JAMES R., US  
[85] 2000-12-18  
[86] 1999-06-01 (PCT/US99/12175)  
[87] 1999-12-23 (WO99/66278)  
[30] US (09/100,796) 1998-06-19

[21] **2,336,216**  
[13] A1

[51] **Int.Cl. 6B60R 22/12 6D03D 1/00**  
[25] EN  
[54] **LOAD LIMITING WEBBING**  
[54] **SANGLE LIMITANT LA CHARGE**  
[72] NAGY, MONTE L., JR., US  
[72] RAHMAN, ZAFARUR X., US  
[72] MARES, FRANK, US  
[72] TANG, WEIMING, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2000-12-18  
[86] 1999-06-15 (PCT/US99/13362)  
[87] 1999-12-23 (WO99/65741)  
[30] US (09/098,294) 1998-06-16

[21] **2,336,217**  
[13] A1

[51] **Int.Cl. 6A61L 2/08**  
[25] EN  
[54] **METHOD OF INACTIVATING VIRUSES**  
[54] **METHODE D'INACTIVATION DE VIRUS**  
[72] VERHOEVEN, ARTHUR, JOHAN, NL  
[72] BRAND, AGATHA, NL  
[72] LAGERBERG, JOHANNES, WILHELMINUS, MARIA, NL  
[72] VAN STEVENINCK, JOHNNY (DECEASED), NL  
[72] DUBBELMAN, THOMAS, MARINUS, ALBERT, REMKO, NL  
[71] STICHTING SANQUIN, NL  
[71] BOSTON CLINICS PDT B.V., NL  
[85] 2000-12-18  
[86] 1999-06-23 (PCT/NL99/00387)  
[87] 1999-12-29 (WO99/66962)  
[30] NL (1009472) 1998-06-23

[21] **2,336,252**  
[13] A1

[51] **Int.Cl. 6C08K 5/5399 6C08L 69/00**  
[25] EN  
[54] **FLAME-RESISTANT POLYCARBONATE ABS MOULDING MATERIALS**  
[54] **MATIERES MOULEES EN POLYCARBONATE/PLASTIQUE ABS ININFLAMMABLES**  
[72] WITTMANN, DIETER, DE  
[72] ZOBEL, MICHAEL, DE  
[72] ECKEL, THOMAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-12-22  
[86] 1999-06-12 (PCT/EP99/04061)  
[87] 2000-01-06 (WO00/00543)  
[30] DE (198 28 538.8) 1998-06-26

[21] **2,336,255**  
[13] A1

[51] **Int.Cl. 6G06F 17/14 6G06T 9/00 6H04N 7/30**  
[25] EN  
[54] **EFFICIENT DOWN-SCALING OF DCT COMPRESSED IMAGES**  
[54] **PROCEDE ET DISPOSITIF DE REDUCTION EFFICACE D'IMAGES COMPRIMEES PAR TRANSFORMATION EN COSINUS DISCRETS**  
[72] CHRISTOPOULOS, CHARILAOS, SE  
[72] SKODRAS, ATHANASIOS, GR  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-12-20  
[86] 1999-06-14 (PCT/SE99/01049)  
[87] 2000-01-06 (WO00/00907)  
[30] SE (9802286-6) 1998-06-26

[21] **2,336,256**  
[13] A1

[51] **Int.Cl. 7C11D 3/12 7C11D 17/06**  
[25] EN  
[54] **BUILDER COMPONENT**  
[54] **ADJUVANT LESSIVIEL**  
[72] FENNEY, MICHAEL KEITH, GB  
[72] HARTSHORN, RICHARD TIMOTHY, GB  
[72] FIGUEROA, FRANCISCO RAMON, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-12-20  
[86] 1999-07-08 (PCT/US99/15311)  
[87] 2000-01-20 (WO00/02988)  
[30] GB (9814667.3) 1998-07-08



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,336,277</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04B 39/08 6F16K 31/02 6F02M 37/04</b> [25] EN [54] <b>FLEXIBLE ARMATURE FOR FUEL INJECTION SYSTEM CONTROL VALVE</b> [54] <b>ARMATURE FLEXIBLE POUR CLAPET DE REGULATION DE SYSTEME D'INJECTION DE CARBURANT</b> [72] CHRIST, WILHELM W., US [72] HANEY, PATRICK E., US [71] DIESEL TECHNOLOGY COMPANY, US [85] 2000-12-28 [86] 1999-06-24 (PCT/US99/14342) [87] 2000-01-06 (WO00/00742) [30] US (09/107,194) 1998-06-29</p>	<p style="text-align: right;">[21] <b>2,336,281</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01M 13/02</b> [25] EN [54] <b>SIGNAL PROCESSING SYSTEM FOR ENERGY TRANSFER ARRANGEMENT UNDER TEST</b> [54] <b>SYSTEME DE TRAITEMENT DU SIGNAL DESTINE A UN DISPOSITIF DE TRANSFERT D'ENERGIE SOUMIS A UN TEST</b> [72] LEWIS, ERIC J., US [72] THEISZ, LAWRENCE C., US [72] JURANITCH, JAMES C., US [71] VERI-TEK, INC., US [85] 2000-12-28 [86] 1999-06-29 (PCT/US99/14896) [87] 2000-01-06 (WO00/00805) [30] US (09/107,096) 1998-06-29</p>	<p style="text-align: right;">[21] <b>2,336,290</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01M 1/20 7A01M 13/00 7A61L 9/03</b> [25] EN [54] <b>BURNABLE COIL HOLDER SUPPORT POUR SERPENTIN COMBUSTIBLE</b> [72] CAREY, MICHAEL R., US [72] FURNER, PAUL E., US [72] HILDEBRANDT, DONALD W., US [72] PETERSEN, RUSSELL H., US [72] MAJEROWSKI, AMELIA H., US [71] S. C. JOHNSON &amp; SON, INC., US [85] 2000-12-28 [86] 1999-06-10 (PCT/US99/13196) [87] 2000-01-13 (WO00/01230) [30] US (09/109,439) 1998-07-02</p>
<p style="text-align: right;">[21] <b>2,336,279</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 18/18</b> [25] EN [54] <b>DEVICE FOR THE ABLATION OF TISSUE</b> [54] <b>DISPOSITIF D'ABLATION DE TISSUS</b> [72] ARMIJO, BRIAN O., US [72] NORDELL, BENJAMIN T., US [72] FILICE, JAMES A., US [72] EDWARDS, STUART D., US [71] SOMNUS MEDICAL TECHNOLOGIES, INC., US [85] 2000-12-28 [86] 2000-04-28 (PCT/US00/11384) [87] 2000-11-09 (WO00/66014) [30] US (09/302,055) 1999-04-29</p>	<p style="text-align: right;">[21] <b>2,336,284</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22B 3/06 6C22B 15/00 6B01D 11/04 6B01J 3/04 6C22B 3/08 6C22B 3/10 6C22B 3/26 6C22B 3/30</b> [25] EN [54] <b>PROCESSING COPPER SULPHIDE ORES</b> [54] <b>TRAITEMENT DE MINERAIS DE SULFURE DE CUIVRE</b> [72] DREISINGER, DAVID BRUCE, CA [72] RICHMOND, GEOFFREY DOUGLAS, AU [71] WESTERN METAL COPPER LIMITED, AU [85] 2000-12-28 [86] 1999-07-14 (PCT/AU99/00568) [87] 2000-02-10 (WO00/06784) [30] AU (PP 4844) 1998-07-24</p>	<p style="text-align: right;">[21] <b>2,336,291</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 9/18</b> [25] EN [54] <b>CRYPTOGRAPHIC COMMUNICATION PROCESS AND APPARATUS</b> [54] <b>PROCESSUS ET APPAREIL DE COMMUNICATION CRYPTOGRAPHIQUE</b> [72] SCHEIDT, EDWARD M., US [72] WACK, C. JAY, US [71] TECSEC, INCORPORATED, US [85] 2000-12-28 [86] 1998-07-02 (PCT/US98/13626) [87] 2000-01-13 (WO00/02340) [30] US (09/108,312) 1998-07-01</p>
<p style="text-align: right;">[21] <b>2,336,280</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63F 3/06 6A63F 3/08 6A63F 9/24</b> [25] EN [54] <b>METHOD OF PLAYING A GROUP PARTICIPATION GAME</b> [54] <b>PROCEDE POUR JOUER A UN JEU COLLECTIF</b> [72] MEYER, MARK GUTHRIE, US [72] TRACY, JOSEPH J., US [71] POWERHOUSE TECHNOLOGIES, INC., US [85] 2000-12-28 [86] 1999-06-18 (PCT/US99/13846) [87] 2000-01-06 (WO00/00256) [30] US (09/106,659) 1998-06-29</p>	<p style="text-align: right;">[21] <b>2,336,285</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 19/10 7C07H 19/20 7A61K 31/70</b> [25] EN [54] <b>ARYL PHOSPHATE DERIVATIVES OF D4T HAVING ANTI-HIV ACTIVITY</b> [54] <b>DERIVES DE PHOSPHATE ARYLIQUE DE D4T POSSEDANT UNE ACTIVITE ANTI-VIH</b> [72] VIG, RAKESH, US [72] UCKUN, FATIH M., US [71] PARKER HUGHES INSTITUTE, US [85] 2000-12-28 [86] 1999-06-29 (PCT/US99/14774) [87] 2000-01-06 (WO00/00501) [30] US (09/107,716) 1998-06-30</p>	<p style="text-align: right;">[21] <b>2,336,292</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/20</b> [25] EN [54] <b>TAMPON WITH ANGLED FIBER ORIENTATION</b> [54] <b>TAMPON HYGIENIQUE A ORIENTATION DE FIBRE INCLINEE SELON UN ANGLE</b> [72] CURTIS, JON ARTHUR, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-12-28 [86] 1999-07-02 (PCT/US99/15123) [87] 2000-01-13 (WO00/01338) [30] US (09/109,667) 1998-07-02</p>

## Demandes PCT entrant en phase nationale

[21] **2,336,293**  
[13] A1

[51] **Int.Cl. 7C08G 63/88 7C08G 63/189**  
[25] EN  
[54] **PROCESS FOR CRYSTALLISING POLYETHYLENE NAPHTHALATE COPOLYMERS IN THE ABSENCE OF A DEVOLATILIZATION STEP**  
[54] **PROCEDE PERMETTANT DE CRISTALLISER DES COPOLYMERES DE POLYETHYLENE NAPHTALATE SANS ETAPE DE DEVOLATILISATION**  
[72] DUH, BEN, US  
[72] CALLANDER, DOUGLAS DAVID, US  
[72] SISSON, EDWIN ANDREW, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2000-12-28  
[86] 1999-06-29 (PCT/EP99/04699)  
[87] 2000-01-13 (WO00/01754)  
[30] US (60/091,671) 1998-07-02

[21] **2,336,297**  
[13] A1

[51] **Int.Cl. 7C12H 1/16 7C12C 7/04 7C12C 7/20**  
[25] EN  
[54] **METHOD OF QUALITY IMPROVEMENT OF ALCOHOLIC BEVERAGES, BY USING ELECTROMAGNETIC WAVES**  
[54] **PROCEDE D'AMELIORATION DE LA QUALITE DE BOISSONS ALCOOLISEES AU MOYEN D'ONDES ELECTROMAGNETIQUES**  
[72] NIKOLAOU, ATHANASIOS, GR  
[71] NIKOLAOU, ATHANASIOS, GR  
[85] 2000-12-28  
[86] 1999-08-12 (PCT/GR99/00028)  
[87] 2000-03-02 (WO00/11135)  
[30] GR (98600014.9) 1998-08-21

[21] **2,336,299**  
[13] A1

[51] **Int.Cl. 7B60P 3/073**  
[25] EN  
[54] **WHEELCHAIR RESTRAINING SYSTEM WITH REMOTELY-CONTROLLED RESTRAINING BELTS**  
[54] **SYSTEME DE RETENUE DE FAUTEUIL ROULANT AVEC CEINTURES COMMANDEES A DISTANCE**  
[72] MAGNUSON, RICHARD, US  
[72] HAROLD, BERNARD III, US  
[72] FASSETT, DOUGLAS, US  
[71] AMERICAN SEATING COMPANY, US  
[85] 2000-12-29  
[86] 2000-04-28 (PCT/US00/08216)  
[87] 2000-11-09 (WO00/66396)  
[30] US (60/131,968) 1999-04-30

[21] **2,336,294**  
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C07D 311/00 7C07D 493/10 7A61K 31/35**  
[25] EN  
[54] **SYNTHETIC SPIROKETAL PYRANES AS POTENT ANTI-CANCER AGENTS**  
[54] **PYRANNES SYNTHETIQUES DE TYPE SPIROCETAL TENANT LIEU D'ANTICANCEREUX PUISSANTS**  
[72] UCKUN, FATIH M., US  
[72] MAO, CHEN, US  
[72] JAN, SHYI-TAI, US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2000-12-28  
[86] 1999-06-29 (PCT/US99/14747)  
[87] 2000-01-06 (WO00/00514)  
[30] US (60/091,002) 1998-06-29  
[30] US (60/097,379) 1998-08-21

[21] **2,336,298**  
[13] A1

[51] **Int.Cl. 7C07C 45/50 7C07C 47/02**  
[25] EN  
[54] **HYDROFORMYLATION REACTIONS**  
[54] **REACTIONS D'HYDROFORMULATION**  
[72] ROSS, STEPHEN KEITH, GB  
[72] ROEDER, STEFAN, DE  
[72] WIELAND, STEFAN, DE  
[72] MEEHAN, NICOLA JANE, GB  
[72] POLIAKOFF, MARTYN, GB  
[71] THOMAS SWAN & CO. LTD., GB  
[71] DEGUSSA HULS AG, GB  
[85] 2000-12-28  
[86] 1999-06-30 (PCT/GB99/02058)  
[87] 2000-01-13 (WO00/01651)  
[30] GB (9814301.9) 1998-07-01  
[30] GB (9904603.9) 1999-03-01

[21] **2,336,300**  
[13] A1

[51] **Int.Cl. 7C07C 317/24 7A61K 31/12**  
[25] EN  
[54] **SUBSTITUTED .BETA.-DIKETONES AND THEIR USE**  
[54] **.BETA.-DICETONES SUBSTITUEES ET LEURS UTILISATIONS**  
[72] BACKSTROM, REIJO, FI  
[72] AHO, PAIVI, FI  
[72] LONNBERG, KARI, FI  
[72] PIPPURI, AINO, FI  
[72] KOPONEN, ANITA, FI  
[72] LOTTA, TIMO, FI  
[72] LINDEN, INGE-BRITT, FI  
[72] POHTO, PENTTI, FI  
[71] ORION CORPORATION, FI  
[85] 2000-12-28  
[86] 1999-06-30 (PCT/FI99/00575)  
[87] 2000-01-13 (WO00/01667)  
[30] FI (981521) 1998-07-01

[21] **2,336,296**  
[13] A1

[51] **Int.Cl. 6C07K 14/46 6A61K 38/02 6C07K 1/22 6A23L 1/305 6A23L 2/66**  
[25] EN  
[54] **NOVEL PEPTIDE Y-2**  
[54] **NOUVEAU PEPTIDE Y-2**  
[72] OSAJIMA, KATSUHIRO, JP  
[72] SEKI, EIJI, JP  
[72] IZUMI, MAYUMI, JP  
[71] SENMI EKISU CO., LTD., JP  
[85] 2000-12-28  
[86] 1999-08-09 (PCT/JP99/04287)  
[87] 2000-11-09 (WO00/66626)  
[30] JP (11/122404) 1999-04-28

[21] **2,336,301**  
[13] A1

[51] **Int.Cl. 7H01S 3/067 7G01C 19/00**  
[25] EN  
[54] **HIGH STABILITY FIBER LIGHT SOURCE**  
[54] **SOURCE LUMINEUSE HAUTE STABILITE A FIBRE OPTIQUE**  
[72] ANG, DICK, US  
[72] SPICER, TIMOTHY L., US  
[71] HONEYWELL INC., US  
[85] 2000-12-28  
[86] 1999-06-30 (PCT/US99/14855)  
[87] 2000-01-06 (WO00/01044)  
[30] US (09/107,677) 1998-06-30

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,336,303</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 19/00</b> [25] EN [54] <b>ELECTRONIC MEDICAL RECORD REGISTRY INCLUDING DATA REPLICATION</b> [54] <b>TENUE ELECTRONIQUE DE DOSSIERS MEDICAUX COMPRENANT LA REPLICATION DE DONNEES</b> [72] KIRNAK, ALEAN, US [71] SAN DIEGO STATE UNIVERSITY FOUNDATION, US [85] 2000-12-28 [86] 2000-04-28 (PCT/US00/11390) [87] 2000-11-02 (WO00/65522) [30] US (60/131,434) 1999-04-28</p>	<p style="text-align: right;">[21] <b>2,336,309</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 307/12 6A61K 31/16 6A61K 31/34 6C07C 323/41 6C07D 307/42 6C07K 14/47</b> [25] EN [54] <b>TUBULIN BINDING COMPOUNDS (COBRA)</b> [54] <b>COMPOSES CAPABLES DE SE LIER AVEC LA TUBILINE</b> [72] UCKUN, FATIH M., US [72] JAN, SHYI-TAI M., US [72] MAO, CHEN, US [71] PARKER HUGHES INSTITUTE, US [85] 2000-12-28 [86] 1999-06-29 (PCT/US99/14748) [87] 2000-01-06 (WO00/00483) [30] US (60/091,001) 1998-06-29 [30] US (60/091,002) 1998-06-29 [30] US (60/097,378) 1998-08-21</p>	<p style="text-align: right;">[21] <b>2,336,314</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 8/10 7H01M 8/02 7H01M 8/24</b> [25] EN [54] <b>INTERNAL COOLING ARRANGEMENT FOR UNDULATE MEA FUEL CELL STACK</b> [54] <b>MECANISME DE REFROIDISSEMENT INTERNE POUR EMPILAGE DE PILES A COMBUSTIBLE A ELECTRODES A MEMBRANE ONDULEE</b> [72] MCLEAN, GERARD FRANCIS, CA [71] BALLARD POWER SYSTEMS INC., CA [85] 2000-12-29 [86] 1999-07-01 (PCT/GB99/02056) [87] 2000-01-13 (WO00/02267) [30] GB (9814120.3) 1998-07-01</p>
<p style="text-align: right;">[21] <b>2,336,306</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/555</b> [25] EN [54] <b>INDIUM PHOTSENSITIZERS FOR PDT</b> [54] <b>PHOTOSENSIBILISANT A L'INDIUM, POUR TPD</b> [72] ROBINSON, BYRON C., US [72] PHADKE, AVINASH S., US [71] MIRAVANT PHARMACEUTICALS, INC., US [85] 2000-12-28 [86] 1998-06-29 (PCT/US98/13601) [87] 2000-01-06 (WO00/00204)</p>	<p style="text-align: right;">[21] <b>2,336,311</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01V 1/50</b> [25] EN [54] <b>A HIGH RESOLUTION RADON TRANSFORM SEISMIC TRACES PROCESSING</b> [54] <b>TRAITEMENT DE TRACES SISMIQUES PAR TRANSFORMEE DE RADON HAUTE RESOLUTION</b> [72] HERRMANN, PHILIPPE CHARLES, CA [71] COMPAGNIE GENERALE DE GEOPHYSIQUE, FR [85] 2000-12-29 [86] 2000-05-03 (PCT/IB00/00659) [87] 2000-11-09 (WO00/67045) [30] US (60/132,221) 1999-05-03</p>	<p style="text-align: right;">[21] <b>2,336,316</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 21/16 7C07C 29/04 7B01J 37/06 7B01J 37/10</b> [25] EN [54] <b>DEALUMINIZED CATALYST CARRIER, METHOD FOR PRODUCING SAID CATALYST CARRIER AND METHOD FOR HYDRATING C2 OR C3 OLEFINS WITH WATER IN THE PRESENCE OF A CATALYST CONSISTING OF SAID ACID-SATURATED CATALYST CARRIER</b> [54] <b>SUPPORT DE CATALYSEUR DESALUMINE, PROCEDE PERMETTANT DE LE PRODUIRE ET PROCEDE D'HYDRATATION D'OLEFINES C2 OU C3 AVEC DE L'EAU EN PRESENCE D'UN CATALYSEUR COMPOSE DUDIT SUPPORT DECATALYSEUR IMPREGNE D'ACIDE</b> [72] STOCHNIOL, GUIDO, DE [72] LOHRENGEL, GREGOR, DE [72] MASCHMEYER, DIETRICH, DE [72] SAKUTH, MICHAEL, DE [71] RWE-DEA AKTIENGESELLSCHAFT FUR MINERALOEL UND CHEMIE, DE [71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE [85] 2000-12-29 [86] 1999-06-29 (PCT/EP99/04486) [87] 2000-01-13 (WO00/01481) [30] DE (198 29 747.5) 1998-07-03</p>
<p style="text-align: right;">[21] <b>2,336,307</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/38 6H04B 7/02</b> [25] EN [54] <b>A COMMUNICATION SYSTEM FOR TRANSMITTING AND DEMODULATING A COMMUNICATION SIGNAL USING AN ADAPTIVE ANTENNA ARRAY</b> [54] <b>SYSTEME DE COMMUNICATION POUR EMETTRE ET DEMODULER UN SIGNAL DE COMMUNICATION A L'AIDE D'UN RESEAU D'ANTENNES ADAPTATIVES</b> [72] HARRISON, ROBERT MARK, US [71] MOTOROLA INC., US [85] 2000-12-28 [86] 1999-06-22 (PCT/US99/14005) [87] 2000-01-06 (WO00/01078) [30] US (09/107,106) 1998-06-30</p>	<p style="text-align: right;">[21] <b>2,336,313</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01B 11/03 7B25J 9/16 7G05B 19/401 7G01S 17/66</b> [25] EN [54] <b>VECTOR MEASUREMENT FOR COORDINATE MEASURING MACHINE</b> [54] <b>MESURE D'UN VECTEUR POUR MACHINE DE MESURE DE COORDONNEES</b> [72] WANG, CHARLES, US [71] OPTODYNE, INC., US [85] 2000-12-29 [86] 1999-06-29 (PCT/US99/14815) [87] 2000-01-06 (WO00/00784) [30] US (60/091,237) 1998-06-30 [30] US (60/122,695) 1999-03-03</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,336,317</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04 6H04L 12/56</b> [25] EN [54] <b>METHOD FOR ESTABLISHING A ROUTE VIA A COMMUNICATIONS NETWORK</b> [54] <b>PROCEDE D'ETABLISSEMENT D'UNE VOIE SUR UN RESEAU DE COMMUNICATION</b> [72] HUNLICH, KLAUS, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-12-29 [86] 1999-07-01 (PCT/DE99/01953) [87] 2000-01-13 (WO00/02412) [30] DE (198 29 821.8) 1998-07-03</p>	<p style="text-align: right;">[21] <b>2,336,320</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/102 7C07K 14/285 7G01N 33/569</b> [25] EN [54] <b>HAEMOPHILUS PARASUIS VACCINE AND DIAGNOSTIC</b> [54] <b>VACCIN ET DIAGNOSTIC POUR L'HAEMOPHILUS PARASUIS</b> [72] BURKHARDT, DOUGLAS T., US [72] LENZ, KAREN L., US [71] AKZO NOBEL N.V., NL [85] 2000-12-29 [86] 1999-07-01 (PCT/US99/14953) [87] 2000-01-13 (WO00/01408) [30] US (09/108,438) 1998-07-01</p>	<p style="text-align: right;">[21] <b>2,336,324</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08K 5/00 7C08L 25/00 7C08K 5/098 7C08K 5/132</b> [25] EN [54] <b>OXYGEN SCAVENGING COMPOSITION AND METHOD OF USING SAME</b> [54] <b>COMPOSITIONS POUVANT CAPTER L'OXYGENE ET PROCEDES D'UTILISATIONS ASSOCIEES</b> [72] GAUTHIER, WILLIAM J., US [72] SPEER, DREW VE, US [71] CRYOVAC INC., US [85] 2000-12-29 [86] 1999-06-28 (PCT/US99/14611) [87] 2000-01-06 (WO00/00538) [30] US (60/091,244) 1998-06-30 [30] US (09/334,428) 1999-06-16</p>
<p style="text-align: right;">[21] <b>2,336,318</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01G 9/10</b> [25] EN [54] <b>PLANT TRAY AND CULTIVATION SYSTEM PROVIDED WITH SUCH A PLANT TRAY</b> [54] <b>PANIER POUR PLANTES ET SYSTEME DE CULTURE COMPRENANT LE PANIER POUR PLANTES</b> [72] SMAK, PIETER WILHELMUS JOHANNES, NL [71] HYDROPONICS HOLDING B.V., NL [85] 2000-12-29 [86] 1999-06-30 (PCT/NL99/00405) [87] 2000-01-06 (WO00/00014) [30] NL (1009527) 1998-06-30</p>	<p style="text-align: right;">[21] <b>2,336,321</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 20/18</b> [25] EN [54] <b>MOLECULAR SIEVE ADSORBENT FOR GAS PURIFICATION AND PREPARATION THEREOF</b> [54] <b>ADSORBANT DE TAMIS MOLECULAIRE, DESTINE A LA PURIFICATION DE GAZ, ET PROCEDE DE PREPARATION ASSOCIE</b> [72] RODE, EDWARD J., US [72] TSYBULEVSKIY, ALBERT M., US [71] ZEOCHEM LLC, US [85] 2000-12-29 [86] 1999-06-08 (PCT/US99/12866) [87] 2000-01-13 (WO00/01478) [30] US (09/108,518) 1998-07-01</p>	<p style="text-align: right;">[21] <b>2,336,338</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 31/00 6B01J 37/00 6C08F 4/02 6C08F 4/44 6C08F 4/60</b> [25] EN [54] <b>MONONUCLEAR TRANSITION METAL IMIDO OLEFIN POLYMERIZATION CATALYSTS</b> [54] <b>CATALYSEURS MONONUCLEAIRES DE POLYMERISATION OLEFINIQUE CONTENANT IMIDO ET UN METAL DE TRANSITION</b> [72] KRISHNAMURTI, RAMESH, US [72] NAGY, SANDOR, US [72] ETHELTON, BRADLEY P., US [72] TYRELL, JOHN, US [71] EQUICSTAR CHEMICALS, LP, US [85] 2000-12-29 [86] 1999-08-05 (PCT/US99/17211) [87] 2000-02-17 (WO00/07725) [30] US (09/131,132) 1998-08-07</p>
<p style="text-align: right;">[21] <b>2,336,319</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A43C 17/02</b> [25] EN [54] <b>STRAP-ATTACHED SPUR</b> [54] <b>EPERON A FIXATION PAR COURROIES</b> [72] BALKENHOL, KLAUS, DE [71] HERM. SPRENGER GMBH &amp; CO. KG, DE [85] 2000-12-29 [86] 1999-02-18 (PCT/DE99/00446) [87] 2000-01-13 (WO00/01268) [30] DE (298 11 754.1) 1998-07-03 [30] DE (298 11 838.6) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,336,322</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60 6G06F 3/00</b> [25] EN [54] <b>MERCHANT ANALYSIS SUPPORT METHOD</b> [54] <b>PROCEDE SUPPORT D'ANALYSE COMMERCIALE</b> [72] COLEMAN, JOSEPH T., US [72] VELEZ, ARTHUR S., US [72] DUFFY, JOHN L., US [72] RIPPON, EDWARD G., US [71] FIRST DATA CORPORATION, US [85] 2000-12-29 [86] 1999-06-29 (PCT/US99/14814) [87] 2000-01-06 (WO00/00905) [30] US (09/107,911) 1998-06-30</p>	

## PCT Applications Entering the National Phase

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[21] **2,336,343**  
[13] A1  
[51] **Int.Cl. 7C09J 123/04 7C09J 153/02**  
[25] EN  
[54] **HOT MELT ADHESIVE COMPOSITION COMPRISING HOMOGENEOUS ETHYLENE INTERPOLYMER AND BLOCK COPOLYMER**  
[54] **COMPOSITION ADHESIVE THERMOFUSIBLE COMPRENANT UN INTERPOLYMER D'ETHYLENE HOMOGENE ET UN COPOLYMER SEQUENCE**  
[72] MALCOLM, DAVID, US  
[72] EICHLER-JOHNSON, BETH M., US  
[72] QUINN, THOMAS H., US  
[72] CAMERON, JANELLE, US  
[72] LINDQUIST, JEFFREY, US  
[72] KEEHR, MIKE, US  
[72] MCKAY, KEVIN, US  
[72] PARIKH, DEEPAK, US  
[71] THE DOW CHEMICAL COMPANY, US  
[71] H.B. FULLER LICENSING & FINANCING, INC., US  
[85] 2000-12-29  
[86] 1999-06-30 (PCT/US99/14836)  
[87] 2000-01-06 (WO00/00565)  
[30] US (09/108,338) 1998-06-30  
[30] US (09/345,684) 1999-06-30

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[21] **2,336,345**  
[13] A1  
[51] **Int.Cl. 7A61J 1/03**  
[25] EN  
[54] **LOCKABLE PILL CONTAINER**  
[54] **BOITE A MEDICAMENTS VERROUILLABLE**  
[72] NOBLE, TERRANCE O., US  
[71] APOTHECARY PRODUCTS, INC., US  
[85] 2000-12-29  
[86] 1999-06-21 (PCT/US99/13983)  
[87] 2000-01-13 (WO00/01343)  
[30] US (09/108,696) 1998-07-01

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[21] **2,336,346**  
[13] A1  
[51] **Int.Cl. 7C08F 10/02**  
[25] EN  
[54] **METHOD FOR PRODUCING ETHYLENE HOMOPOLYMERIZATES AND ETHYLENE COPOLYMERIZATES OF A LOWER MASS DENSITY**  
[54] **PROCEDE DE PRODUCTION D'HOMOPOLYMERISATS ET DE COPOLYMERISATS D'ETHYLENE DE FAIBLE MASSE VOLUMIQUE**  
[72] MEZQUITA, JUAN M., NL  
[72] BERBEE, OTTO, NL  
[72] BEER, HARALD, DE  
[72] LOHSE, GERD, DE  
[72] ZSCHOCH, WERNER, DE  
[71] BUNA SOW LEUNA OLEFINVERBUND GMBH, DE  
[71] DOW BENELUX N.V., NL  
[85] 2000-12-29  
[86] 1999-06-26 (PCT/DE99/01874)  
[87] 2000-01-13 (WO00/01740)  
[30] DE (198 29 399.2) 1998-07-01

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[21] **2,336,349**  
[13] A1  
[51] **Int.Cl. 7B23K 35/40 7B23K 11/30**  
[25] EN  
[54] **A METHOD FOR MANUFACTURING A RESISTANCE WELDING TIP**  
[54] **PROCEDE DE FABRICATION D'UNE BUSE DE SOUDAGE PAR RESISTANCE**  
[72] DE BRUIN, LEON VINCENT, ZA  
[71] CROZIER, TREVOR, ZA  
[71] SPRINGSET FASTENERS NATAL (PROPRIETARY) LIMITED, ZA  
[85] 2000-12-29  
[86] 1999-06-24 (PCT/IB99/01192)  
[87] 2000-01-13 (WO00/01507)  
[30] ZA (98/5819) 1998-07-02

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[21] **2,336,353**  
[13] A1  
[51] **Int.Cl. 7E21B 43/26 7E21B 43/267**  
[25] EN  
[54] **METHOD AND TOOL FOR FRACTURING AN UNDERGROUND FORMATION**  
[54] **PROCEDE ET OUTIL POUR FRACTURER UNE FORMATION SOUTERRAINE**  
[72] COENEN, JOSEF GUILLAUME CHRISTOFFEL, NL  
[72] ZIJSLING, DJURRE HANS, NL  
[72] KENTER, CORNELIS JAN, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2000-12-29  
[86] 1999-06-24 (PCT/EP99/04409)  
[87] 2000-01-13 (WO00/01926)  
[30] EP (98305212.7) 1998-07-01

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[21] **2,336,354**  
[13] A1  
[51] **Int.Cl. 7H01M 8/02 7H01M 8/24**  
[25] EN  
[54] **A PRINTED CIRCUIT BOARD SEPARATOR FOR AN ELECTROCHEMICAL FUEL CELL**  
[54] **SEPARATEUR DE CARTE DE CIRCUIT IMPRIME DESTINE A UNE PILE A COMBUSTIBLE ELECTROCHIMIQUE**  
[72] LINDSTROM, JEREMY, CA  
[72] MCLEAN, GERARD FRANCIS, CA  
[71] BALLARD POWER SYSTEMS INC., CA  
[85] 2000-12-29  
[86] 1999-07-01 (PCT/GB99/02073)  
[87] 2000-01-13 (WO00/02270)  
[30] GB (9814123.7) 1998-07-01

## Demandes PCT entrant en phase nationale

[21] **2,336,355**  
[13] A1

[51] **Int.Cl. 6B01D 11/00 6C08F 2/00 6B01J 49/00 6C08J 5/20 6C02F 1/42**  
[25] EN  
[54] **BIFUNCTIONAL PHENYL MONOPHOSPHONIC/SULFONIC ACID ION EXCHANGE RESIN AND PROCESS FOR USING THE SAME**  
[54] **RESINE ECHANGEUSE D'IONS BIFONCTIONNELLE A BASE D'ACIDES PHENYLMONOPHOSPHONIQUE/SULFONIQUE ET PROCEDE D'UTILISATION ASSOCIE**  
[72] SPIRO, ALEXANDRATOS, US  
[72] SHELLEY, CHRISTOPHER A., US  
[72] SUI, XUE, US  
[72] GULA, MICHAEL J., US  
[72] CHIARIZIA, RENATO, US  
[72] HORWITZ, E. PHILIP, US  
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US  
[71] ARCH DEVELOPMENT CORPORATION, US  
[85] 2000-12-29  
[86] 1999-07-02 (PCT/US99/15018)  
[87] 2000-01-13 (WO00/01458)  
[30] US (09/109,633) 1998-07-02  
[30] US (09/221,446) 1998-12-28

[21] **2,336,356**  
[13] A1

[51] **Int.Cl. 6B01D 61/06**  
[25] EN  
[54] **WATER DESALTING INSTALLATION THROUGH REVERSE OSMOSIS WITH PRESSURIZED SUPPLY TANKS IN CONTINUOUS KINETIC CYCLE**  
[54] **INSTALLATION DE DESSALEMENT DE L'EAU PAR OSMOSE INVERSE A L'AIDE DE CHAMBRES NOURRICES MISES SOUS PRESSION DANS UN CYCLE CINETIQUE CONTINU**  
[72] BARRETO AVERO, MANUEL, ES  
[71] BARRETO AVERO, MANUEL, ES  
[85] 2000-12-29  
[86] 1999-06-25 (PCT/ES99/00194)  
[87] 2000-01-06 (WO00/00274)  
[30] ES (P 9801381) 1998-06-30  
[30] ES (P 9801714) 1998-08-07  
[30] ES (P 9901210) 1999-06-02

[21] **2,336,357**  
[13] A1

[51] **Int.Cl. 7A23J 3/12 7A23K 1/04 7A23J 3/22**  
[25] EN  
[54] **BLOOD CHUNKS**  
[54] **ALIMENTS EN MORCEAUX POUR ANIMAUX A BASE DE SANG**  
[72] SPEIRS, CHARLES, GB  
[72] FISHER, TIM, GB  
[71] MARS UK LIMITED, GB  
[85] 2000-12-29  
[86] 1999-07-02 (PCT/GB99/02106)  
[87] 2000-01-13 (WO00/01247)  
[30] GB (9814395.1) 1998-07-02  
[30] GB (9814396.9) 1998-07-02

[21] **2,336,359**  
[13] A1

[51] **Int.Cl. 7H01M 8/10 7H01M 8/02 7H01M 8/04 7H01M 8/24 7H01M 4/86**  
[25] EN  
[54] **FUEL CELL STACK MADE OF TUBE CELLS, AND INTERNAL COOLING ARRANGEMENT THEREFOR**  
[54] **BATTERIES DE PILES A COMBUSTIBLE COMPOSEES DE PILES TUBULAIRES, ET SYSTEME DE REFROIDISSEMENT INTERNE POUR CES DERNIERES**  
[72] MCLEAN, GERARD FRANCIS, CA  
[71] BALLARD POWER SYSTEMS INC., CA  
[85] 2000-12-29  
[86] 1999-07-01 (PCT/GB99/02131)  
[87] 2000-01-13 (WO00/02274)  
[30] GB (9814123.7) 1998-07-01

[21] **2,336,360**  
[13] A1

[51] **Int.Cl. 6G10L 9/14 6H04B 14/04 6H03M 7/30**  
[25] EN  
[54] **SPEECH CODER**  
[54] **CODEUR VOCAL**  
[72] OZAWA, KAZUNORI, JP  
[71] NEC CORPORATION, JP  
[85] 2000-12-29  
[86] 1999-06-29 (PCT/JP99/03492)  
[87] 2000-01-06 (WO00/00963)  
[30] JP (10/185179) 1998-06-30

[21] **2,336,362**  
[13] A1

[51] **Int.Cl. 7A61K 31/7076 7A61K 9/06 7A61K 7/48 7A61K 31/708**  
[25] EN  
[54] **ANTI-IRRITANT COMPOSITIONS CONTAINING A CYCLIC 2'-DEOXY-NUCLEOTIDE**  
[54] **COMPOSITIONS ANTI-IRRITANTES CONTENANT UN NUCLEOTIDE 2'-DEOXY CYCLIQUE**  
[72] GOYARTS, EARL C., US  
[72] MAMMONE, THOMAS, US  
[72] MUIZZUDDIN, NEELAM, US  
[71] E-L MANAGEMENT CORP., US  
[85] 2000-12-29  
[86] 2000-02-15 (PCT/US00/03928)  
[87] 2000-11-09 (WO00/66131)  
[30] US (09/304,562) 1999-05-04

[21] **2,336,363**  
[13] A1

[51] **Int.Cl. 7C12P 17/18 7C07D 503/00 7C12N 1/20 7A61K 31/43**  
[25] EN  
[54] **FERMENTATION PROCESS TO PRODUCE CLAVULANIC ACID AT A LOW CONCENTRATION OF FREE AMINO ACIDS**  
[54] **PROCESSUS DE FERMENTATION VISANT LA PRODUCTION D'ACIDE CLAVULANIQUE A FAIBLE CONCENTRATION D'ACIDES AMINES LIBRES**  
[72] KRABBEN, PREBEN, NL  
[72] DE LAAT, WILHELMUS THEODORUS ANTONIUS MARIA, NL  
[71] DSM N.V., NL  
[85] 2000-12-29  
[86] 1999-07-01 (PCT/EP99/04702)  
[87] 2000-01-13 (WO00/01840)  
[30] EP (98202264.2) 1998-07-03

## PCT Applications Entering the National Phase

[21] **2,336,364**  
[13] A1

[51] **Int.Cl. 7C04B 24/04 7C04B 28/02 7C04B 18/14**  
[25] EN  
[54] **SUPPORTED CARBONIC ACID ESTERS USEFUL AS SET ACCELERATORS AND THIXOTROPIC AGENTS IN CEMENT**  
[54] **ESTERS D'ACIDE CARBONIQUE SUR SUPPORTS, UTILES COMME ACCELERATEURS DE PRISE ET COMME AGENTS THIXOTROPIQUES POUR LE CIMENT**  
[72] LIOTTA, FRANK J., JR., US  
[72] SCHWARTZ, STEVEN A., US  
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US  
[85] 2000-12-29  
[86] 1999-07-01 (PCT/EP99/04556)  
[87] 2000-01-20 (WO00/02828)  
[30] US (60/091,992) 1998-07-08

[21] **2,336,365**  
[13] A1

[51] **Int.Cl. 6B01J 31/00 6B01J 37/00 6C08F 4/02 6C08F 4/06 6C08F 4/60 6C08F 4/72**  
[25] EN  
[54] **CYCLIC OLIGOMERIC OXO- AND IMIDO- METAL COMPLEXES AS OLEFIN POLYMERIZATION CATALYSTS**  
[54] **COMPLEXES OXO ET IMIDO-METALLIQUES OLIGOMERES CYCLIQUES COMME CATALYSEURS DE POLYMERISATION D'OLEFINES**  
[72] NAGY, SANDOR, US  
[72] ETHELTON, BRADLEY P., US  
[72] KRISHNAMURTI, RAMESH, US  
[71] EQUICSTAR CHEMICALS, L.P., US  
[85] 2000-12-29  
[86] 1999-08-05 (PCT/US99/17700)  
[87] 2000-02-17 (WO00/07726)  
[30] US (09/130,882) 1998-08-07

[21] **2,336,366**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PRINTING INDIVIDUALIZED CALENDARS**  
[54] **PROCEDE ET SYSTEME D'IMPRESSION DE CALENDRIERS PERSONNALISES**  
[72] REDCAY, JAMES ELIAS JR., US  
[71] DAY-TIMER, INC., US  
[85] 2000-12-29  
[86] 1999-06-28 (PCT/US99/14595)  
[87] 2000-01-13 (WO00/02151)  
[30] US (09/108,247) 1998-07-01

[21] **2,336,368**  
[13] A1

[51] **Int.Cl. 6G06F 15/18**  
[25] EN  
[54] **AN ADAPTIVE AND RELIABLE SYSTEM AND METHOD FOR OPERATIONS MANAGEMENT**  
[54] **SYSTEME ADAPTATIF ET FIABLE ET PROCEDE DE GESTION DES OPERATIONS**  
[72] DARLEY, VINCE, US  
[72] SAIAS, ISAAC, US  
[72] COHN, JUDITH, US  
[72] FEDERSPIEL, FRED, US  
[72] KAUFFMAN, STUART, US  
[72] MACDONALD, ROBERT, US  
[72] LEVITAN, BENNETT, US  
[72] TOLLANDER, CARL, US  
[72] MACREADY, WILLIAM G., US  
[71] BIOS GROUP LP, US  
[85] 2000-12-29  
[86] 1999-07-02 (PCT/US99/15096)  
[87] 2000-01-13 (WO00/02136)  
[30] US (60/091,656) 1998-07-02  
[30] US (60/091,753) 1998-07-06

[21] **2,336,369**  
[13] A1

[51] **Int.Cl. 7H01J 37/02 7H01J 1/30**  
[25] EN  
[54] **APPARATUS AND METHOD FOR REDUCING CHARGE ACCUMULATION ON A SUBSTRATE**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE REDUIRE L'ACCUMULATION DE CHARGE SUR UN SUBSTRAT**  
[72] CHANG, TAI-HON P., US  
[72] MANKOS, MARIAN, US  
[71] ETEC SYSTEMS, INC., US  
[85] 2000-12-29  
[86] 2000-05-03 (PCT/US00/40017)  
[87] 2000-11-09 (WO00/67289)  
[30] US (09/304,118) 1999-05-03

[21] **2,336,370**  
[13] A1

[51] **Int.Cl. 7G02B 27/14 7G03F 7/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING RECTANGULAR SHAPED ARRAY OF LIGHT BEAMS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'OBTENIR UN ENSEMBLE RECTANGULAIRE DE FAISCEAUX LUMINEUX**  
[72] HOWELLS, SAMUEL C., US  
[71] ETEC SYSTEMS, INC., US  
[85] 2000-12-29  
[86] 2000-05-19 (PCT/US00/13977)  
[87] 2000-11-30 (WO00/72080)  
[30] US (09/315,780) 1999-05-20

[21] **2,336,371**  
[13] A1

[51] **Int.Cl. 6F21V 9/14 6G02B 26/00**  
[25] EN  
[54] **LIGHT-POLARIZING PARTICLES OF IMPROVED PARTICLE SIZE DISTRIBUTION**  
[54] **PARTICULES POLARISANT LA LUMIERE, A GRANULOMETRIE AMELIOREE**  
[72] SAXE, ROBERT L., US  
[72] FANNING, BARRY, US  
[72] SLOVAK, STEVEN M., US  
[71] RESEARCH FRONTIERS INCORPORATED, US  
[85] 2000-12-29  
[86] 1999-07-09 (PCT/US99/15508)  
[87] 2000-01-20 (WO00/03177)  
[30] US (60/092,198) 1998-07-09

## Demandes PCT entrant en phase nationale

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[21] **2,336,375**  
[13] A1

[51] **Int.Cl. 7A23L 1/0522 7A23L 1/068 7A23P 1/16 7A23L 1/187**  
[25] EN  
[54] **SALT-STABLE MODIFIED STARCH**  
[54] **AMIDON MODIFIE, STABLE VIS-A-VIS DU SEL**  
[72] BRINE, CHARLES JAMES, US  
[72] BUWALDA, PIETER LYKLE, NL  
[72] MEIMA, HEINE ROLF, NL  
[71] COOPERATIEVE VERKOOP- EN PRODUCTIEV-ERENIGING VAN AARDAPPELMEEL EN DERIV, NL  
[85] 2000-12-29  
[86] 1999-07-02 (PCT/NL99/00416)  
[87] 2000-01-13 (WO00/01251)  
[30] EP (98202232.9) 1998-07-02

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[21] **2,336,376**  
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 38/06 7A61K 9/16 7A61K 38/28 7A61K 38/46 7A61K 38/48**  
[25] EN  
[54] **MICROPARTICLE FORMULATION FOR INHALATION**  
[54] **FORMULATION A MICROPARTICULES POUR INHALATION**  
[72] ROBINSON, STUART, GB  
[72] SMITH, SUSAN STEWART, GB  
[71] QUADRANT HEALTHCARE (UK) LIMITED, GB  
[85] 2000-12-29  
[86] 1999-06-28 (PCT/GB99/02023)  
[87] 2000-01-06 (WO00/00176)  
[30] GB (9814172.4) 1998-06-30

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[21] **2,336,378**  
[13] A1

[51] **Int.Cl. 6H01L 31/05 6G01T 1/24 6H01L 21/98**  
[25] EN  
[54] **LARGE AREA X-RAY IMAGER WITH VENTED SEAM AND METHOD OF FABRICATION**  
[54] **GRAND IMAGEUR A RAYONS X MUNI DE JOINTURES DEGAZEES ET PROCEDE DE FABRICATION**  
[72] ROBINSON, GEORGE D., US  
[72] JEROMIN, LOTHAR S., US  
[71] DIRECT RADIOGRAPHY CORP., US  
[85] 2000-12-29  
[86] 1999-06-24 (PCT/US99/14582)  
[87] 2000-01-13 (WO00/02258)  
[30] US (09/111,052) 1998-07-07

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[21] **2,336,380**  
[13] A1

[51] **Int.Cl. 7C07D 211/22 7C07C 259/06 7A61K 31/445 7C07C 69/738**  
[25] EN  
[54] **ANTIHISTAMINIC PIPERIDINE DERIVATIVES AND INTERMEDIATES FOR THE PREPARATION THEREOF**  
[54] **DERIVES DE PIPERIDINE A ACTION ANTIHISTAMINIQUE ET INTERMEDIAIRES POUR L'ELABORATION DE CES DERIVES**  
[72] BROWN, PAUL W., US  
[72] AYERS, TIMOTHY A., US  
[71] AVENTIS PHARMACEUTICALS INC., US  
[85] 2000-12-29  
[86] 1999-06-17 (PCT/US99/13693)  
[87] 2000-01-13 (WO00/01671)  
[30] US (09/109,542) 1998-07-02

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[21] **2,336,382**  
[13] A1

[51] **Int.Cl. 7G01N 33/569 7G01N 33/50 7G01N 33/564**  
[25] EN  
[54] **METHODS AND AGENTS FOR THE DETECTION AND MODULATION OF CELLULAR IMMUNITY TO IMMUNE PRIVILEGED ANTIGENS**  
[54] **PROCEDE ET AGENTS POUR LA DETECTION ET LA MODULATION D'IMMUNITE CELLULAIRE SUR DES ANTIGENES PRIVILEGIES IMMUNISES**  
[72] BHARDWAJ, NINA, US  
[72] ALBERT, MATTHEW L., US  
[72] DARNELL, ROBERT B., US  
[71] THE ROCKEFELLER UNIVERSITY, US  
[85] 2000-12-29  
[86] 1999-06-30 (PCT/US99/14827)  
[87] 2000-01-06 (WO00/00825)  
[30] US (09/107,978) 1998-06-30  
[30] US (UNKNOWN) 1999-06-29

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[21] **2,336,384**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6C07H 21/00**  
[25] EN  
[54] **OLIGONUCLEOTIDE INHIBITORS OF BCL-XL**  
[54] **OLIGONUCLEOTIDES INHIBITEURS DE BCL-XL**  
[72] STEIN, CY A., US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2000-12-29  
[86] 1999-07-02 (PCT/US99/15250)  
[87] 2000-01-13 (WO00/01393)  
[30] US (09/109,614) 1998-07-02

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[21] **2,336,387**  
[13] A1

[51] **Int.Cl. 7H04M 1/274**  
[25] EN  
[54] **TELEPHONE DIRECTORY MANAGEMENT SYSTEM HAVING WIRELESS TELEPHONE INTERFACE CAPABILITY**  
[54] **SYSTEME DE GESTION D'ANNUAIRE TELEPHONIQUE POSSEDANT UNE CAPACITE D'INTERFACE TELEPHONIQUE SANS FIL**  
[72] HODGSON, KEVIN EDWARD, GB  
[72] CALDER, COLIN VIALOUX, GB  
[71] PARAGON SOFTWARE (DEVELOPMENTS) LTD., GB  
[85] 2000-12-29  
[86] 1999-06-30 (PCT/GB99/02059)  
[87] 2000-01-06 (WO00/01132)  
[30] US (09/107,931) 1998-06-30

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[21] **2,336,389**  
[13] A1

[51] **Int.Cl. 6B65D 43/10 6B65D 43/06 6B65D 75/58**  
[25] EN  
[54] **DUAL FUNCTION OVERCAP**  
[54] **COUVERCLE COIFFANT A DOUBLE FONCTION**  
[72] LOWRY, JAMES W., US  
[71] SONOCO DEVELOPMENT, INC., US  
[85] 2000-12-29  
[86] 1999-01-07 (PCT/US99/00556)  
[87] 2000-01-20 (WO00/02791)  
[30] US (09/113,989) 1998-07-10

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## PCT Applications Entering the National Phase

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[21] **2,336,390**  
[13] A1  
[51] **Int.Cl. 7C08B 37/16 7C08G 69/00 7C08G 75/00 7C08G 81/00 7C08G 73/02 7C08G 73/06 7C08G 69/40 7A61K 47/40**  
[25] EN  
[54] **LINEAR CYCLODEXTRIN COPOLYMERS**  
[54] **COPOLYMERES LINEAIRES DE CYCLODEXTRINE**  
[72] DAVIS, MARK E., US  
[72] HWANG, SUZIE SUE JEAN, US  
[72] GONZALEZ, HECTOR, US  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 2000-12-29  
[86] 1999-06-25 (PCT/US99/14298)  
[87] 2000-01-13 (WO00/01734)  
[30] US (60/091,550) 1998-07-01  
[30] US (09/203,556) 1998-12-02

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[21] **2,336,391**  
[13] A1  
[51] **Int.Cl. 6H01R 4/24**  
[25] EN  
[54] **CONNECTOR**  
[54] **CONNECTEUR**  
[72] BARKER, STEPHEN BENEDICT, ZA  
[72] BEUKES, CHRISTO ANDRE, ZA  
[71] EXPERT EXPLOSIVES (PTY.) LIMITED, ZA  
[85] 2000-12-29  
[86] 1999-07-01 (PCT/AU99/00535)  
[87] 2000-01-13 (WO00/02288)  
[30] ZA (98/5800) 1998-07-02

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[21] **2,336,392**  
[13] A1  
[51] **Int.Cl. 7H04M 17/00 7H04Q 7/38**  
[25] EN  
[54] **CALL PREPAYMENT IN A TELECOMMUNICATION SYSTEM**  
[54] **PREPAIEMENT D'APPEL DANS UN SYSTEME DE TELECOMMUNICATIONS**  
[72] NILSSON, PATRIK, FI  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-02  
[86] 1999-06-25 (PCT/EP99/04441)  
[87] 2000-01-13 (WO00/02374)  
[30] FI (981553) 1998-07-06

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[21] **2,336,393**  
[13] A1  
[51] **Int.Cl. 7C08F 20/04 7C09D 133/04**  
[25] EN  
[54] **PROCESS FOR PRODUCING POLYMERS BY FREE RADICAL POLYMERIZATION AND CONDENSATION REACTION, AND APPARATUS AND PRODUCTS RELATED THERETO**  
[54] **PROCEDE DE PRODUCTION LE POLYMERISATION ET CONDENSATION DE RADICAUX LIBRES ; DISPOSITIF ET PRODUITS ASSOCIES**  
[72] CHYLLA, RICHARD, NL  
[72] CAMPBELL, JOHN D., US  
[72] WILSON, DENNIS M., US  
[72] ANDRIST, KEVIN M., US  
[72] DEBLING, JON A., US  
[72] KIMURA, TSUGIO, JP  
[72] DEYOUNG, DOUGLAS J., US  
[72] KAAI, MICHIIHIRO, JP  
[71] S. C. JOHNSON COMMERCIAL MARKETS, INC., US  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/US99/15160)  
[87] 2000-01-20 (WO00/02933)  
[30] US (60/092,433) 1998-07-10

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[21] **2,336,394**  
[13] A1  
[51] **Int.Cl. 7A61F 13/20**  
[25] EN  
[54] **TAMPON WITH FLEXIBLE PANELS**  
[54] **TAMPON A PANNEAUX FLEXIBLES**  
[72] OSBORN, THOMAS WARD III, US  
[72] CARSTENS, JERRY EDWARD, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-02  
[86] 1999-07-29 (PCT/US99/17157)  
[87] 2000-02-10 (WO00/06070)  
[30] US (09/124,351) 1998-07-29  
[30] US (09/124,407) 1998-07-29  
[30] US (09/177,221) 1998-10-22  
[30] US (09/287,994) 1999-04-08

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[21] **2,336,395**  
[13] A1  
[51] **Int.Cl. 7A61F 13/26 7A61F 13/20**  
[25] EN  
[54] **SOFT CONFORMABLE HOLLOW BAG TAMPON AND SPREADING TAMPON APPLICATOR**  
[54] **TAMPON EN FORME DE SACHET CREUX, MOU ET A FORME ADAPTABLE, ET APPLICATEUR DE TAMPONS POUVANT SE DEPLOYER**  
[72] TWEDDELL, RICHARD, US  
[72] OSBORN, THOMAS WARD III, US  
[72] MACKAY, LISA ANN, US  
[72] CARSTENS, JERRY EDWARD, US  
[72] VISSCHER, RONALD BOSMAN, US  
[72] BUCK, KIMBERLY ANN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-02  
[86] 1999-07-29 (PCT/US99/17158)  
[87] 2000-02-10 (WO00/06072)  
[30] US (09/124,407) 1998-07-29  
[30] US (09/124,351) 1998-07-29  
[30] US (09/177,221) 1998-10-22

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[21] **2,336,396**  
[13] A1  
[51] **Int.Cl. 7C07C 51/31 7C07C 55/14**  
[25] EN  
[54] **METHODS OF EXTRACTING CATALYST FROM A REACTION MIXTURE IN THE OXIDATION OF CYCLOHEXANE TO ADIPIC ACID**  
[54] **PROCEDES RELATIFS A L'EXTRACTION DE CATALYSEUR DANS UN MELANGE REACTIONNEL AU COURS DE L'OXYDATION DE CYCLOHEXANE EN ACIDE ADIPIQUE**  
[72] DECOSTER, DAVID C., US  
[72] VASSILIOU, EUSTATHIOS, US  
[72] ROSTAMI, ADER M., US  
[72] DASSEL, MARK W., US  
[72] DUDGEON, DOUGLAS J., US  
[71] RPC INC., US  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/US99/15134)  
[87] 2000-01-13 (WO00/01656)  
[30] US (60/091,483) 1998-07-02  
[30] US (60/093,256) 1998-07-17  
[30] US (60/105,048) 1998-10-20  
[30] US (60/110,206) 1998-11-30  
[30] US (60/111,848) 1998-12-11

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,336,397</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/543</b> [25] EN [54] <b>OPTICAL SENSOR FOR IN SITU MEASUREMENT OF ANALYTES</b> [54] <b>DETECTEUR OPTIQUE PERMETTANT LA MESURE D'ANALYTES IN SITU</b> [72] STANLEY, CHRISTOPHER JOHN, GB [72] WEBER, ANDERS, DK [71] TORSANA DIABETES DIAGNOSTICS A/S, DK [85] 2001-01-02 [86] 1999-07-02 (PCT/GB99/02104) [87] 2000-01-13 (WO00/02048) [30] GB (9814506.3) 1998-07-03</p>	<p style="text-align: right;">[21] <b>2,336,400</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 64/00</b> [25] EN [54] <b>METHOD FOR PRODUCING COMPOUNDS WITH TERMINAL OH GROUPS</b> [54] <b>PROCEDE DE PREPARATION DE COMPOSES A GROUPES OH TERMINAUX</b> [72] WESTFECHTEL, ALFRED, DE [72] GRUETZMACHER, ROLAND, DE [72] GRUNDT, ELKE, DE [71] COGNIS DEUTSCHLAND GMBH, DE [85] 2001-01-02 [86] 1999-06-23 (PCT/EP99/04351) [87] 2000-01-13 (WO00/01755) [30] DE (198 29 593.6) 1998-07-02</p>	<p style="text-align: right;">[21] <b>2,336,413</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 1/024</b> [25] EN [54] <b>INTEGRATED IMAGE READ/WRITE HEAD AND IMAGE PROCESSOR WITH THE HEAD</b> [54] <b>TETE INTEGREE DE LECTURE/ ECRITURE POUR IMAGES ET PROCESSEUR D'IMAGES EQUIPE DE CETTE TETE</b> [72] FUJIMOTO, HISAYOSHI, JP [72] ONISHI, HIROAKI, JP [72] TAKAKURA, TOSHIHIKO, JP [72] IMAMURA, NORIHIRO, JP [71] ROHM CO., LTD., JP [85] 2000-12-29 [86] 1999-07-12 (PCT/JP99/03770) [87] 2000-01-20 (WO00/03537) [30] JP (10/197332) 1998-07-13 [30] JP (10/201809) 1998-07-16 [30] JP (10/209434) 1998-07-24</p>
<p style="text-align: right;">[21] <b>2,336,398</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/37 6C11D 3/00 6C11D 1/44 6C11D 1/62</b> [25] EN [54] <b>FABRIC CARE COMPOSITIONS</b> [54] <b>COMPOSITIONS POUR LE SOIN DES TISSUS</b> [72] MASSCHELEIN, AXEL, BE [72] WU, ROBERTA RONHUI, US [72] CEULEMANS, RAPHAEL ANGELINE ALFONS, BE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-01-02 [86] 1998-07-31 (PCT/US98/15955) [87] 2000-02-10 (WO00/06680)</p>	<p style="text-align: right;">[21] <b>2,336,401</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A43B 5/00</b> [25] EN [54] <b>SHEAR FORCE MODULATION SYSTEM</b> [54] <b>SYSTEME DE MODULATION DE LA FORCE DE CISAILLEMENT</b> [72] CONSTANTINIDES, GEORGE P., US [71] SALIX MEDICAL, INC., US [85] 2001-01-02 [86] 1999-07-02 (PCT/US99/15086) [87] 2000-01-13 (WO00/01265) [30] US (09/109,669) 1998-07-02</p>	<p style="text-align: right;">[21] <b>2,336,414</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 43/117 6E21B 43/26 6E21B 43/267</b> [25] EN [54] <b>APPARATUS AND METHOD FOR PERFORATING AND STIMULATING A SUBTERRANEAN FORMATION</b> [54] <b>DISPOSITIF ET PROCEDE DE PERFORATION ET DE STIMULATION D'UNE FORMATION SOUTERRAINE</b> [72] WESSON, DAVID S., US [71] MARATHON OIL COMPANY, US [85] 2000-12-29 [86] 1999-06-07 (PCT/US99/12718) [87] 2000-01-13 (WO00/01924) [30] US (09/110,728) 1998-07-06</p>
<p style="text-align: right;">[21] <b>2,336,399</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01F 1/66 7G01N 21/00 7G01N 22/00 7G01F 1/74 7G01F 1/86</b> [25] EN [54] <b>METHOD AND ARRANGEMENT FOR MEASURING FLUID</b> [54] <b>PROCEDE ET DISPOSITIF POUR MESURER UN FLUIDE</b> [72] TAHKOLA, ESKO, FI [72] MANNINEN, TIMO, FI [72] JAKKULA, PEKKA, FI [71] NELES FIELD CONTROLS OY, FI [85] 2001-01-02 [86] 1999-06-30 (PCT/FI99/00580) [87] 2000-01-13 (WO00/02017) [30] FI (981545) 1998-07-03</p>	<p style="text-align: right;">[21] <b>2,336,412</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/505</b> [25] EN [54] <b>MEDICAMENT FOR TREATMENT OF DIABETES</b> [54] <b>MEDICAMENTS ANTIDIABETIQUES</b> [72] SHIMADA, JUNICHI, JP [72] TAKASAKI, KOTARO, JP [72] SUDA, MIHO, JP [72] KUSAKA, HIDEAKI, JP [72] OHTA, YOSHIHISA, JP [72] YANO, HIROSHI, GB [72] MATSUDA, YUZURU, JP [72] NAKANISHI, SATOSHI, JP [71] KYOWA HAKKO KOGYO CO. LTD., JP [85] 2000-12-29 [86] 1999-07-02 (PCT/JP99/03583) [87] 2000-01-13 (WO00/01388) [30] JP (10/187705) 1998-07-02</p>	<p style="text-align: right;">[21] <b>2,336,415</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23C 5/22</b> [25] EN [54] <b>A CUTTING INSERT</b> [54] <b>PLAQUETTE DE COUPE</b> [72] MARGULIS, RAFAEL, IL [72] SATRAN, AMIR, IL [71] ISCAR LTD., IL [85] 2000-12-29 [86] 1999-06-13 (PCT/IL99/00315) [87] 2000-01-06 (WO00/00315) [30] IL (125143) 1998-06-30</p>

## PCT Applications Entering the National Phase

[21] **2,336,416**  
[13] A1

[51] **Int.Cl. 7A61M 25/00**  
[25] EN  
[54] **CATHETER AND GUIDE WIRE**  
[54] **CATHETER A FIL-GUIDE**  
[72] USAMI, KEIKO, JP  
[72] USAMI, NANO, JP  
[72] USAMI, SHINO, JP  
[72] USAMI, NOBUKO, JP  
[72] USAMI, MASANO, JP  
[72] USAMI, TOMONO, JP  
[72] USAMI, AKINO, JP  
[72] USAMI, GONO, JP  
[72] USAMI, KAYA, JP  
[71] USAMINANOTECHNOLOGY INC., JP  
[85] 2000-12-29  
[86] 2000-04-27 (PCT/JP00/02777)  
[87] 2000-11-09 (WO00/66211)  
[30] JP (11/124234) 1999-04-30  
[30] JP (11/172363) 1999-06-18  
[30] JP (11/172364) 1999-06-18  
[30] JP (11/317949) 1999-11-09

[21] **2,336,417**  
[13] A1

[51] **Int.Cl. 7A01H 1/04**  
[25] EN  
[54] **DEVELOPMENT OF NOVEL, HIGHLY CHEMOPROTECTANT CRUCIFER GERMPLOSM**  
[54] **DEVELOPPEMENT D'UN NOUVEAU MATERIAU GENETIQUE CRUCIFERE A EFFET HAUTEMENT CHIMIOPROTECTEUR**  
[72] FAHEY, JED W., US  
[71] JOHNS HOPKINS SCHOOL OF MEDICINE, US  
[85] 2000-12-29  
[86] 1999-07-01 (PCT/US99/15001)  
[87] 2000-01-13 (WO00/01222)  
[30] US (60/091,471) 1998-07-01

[21] **2,336,419**  
[13] A1

[51] **Int.Cl. 7C07D 487/22 7C07D 209/00 7C07D 243/00 7A61K 31/55**  
[25] EN  
[54] **NOVEL INDOLOCARBAZOLE DERIVATIVES USEFUL FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES AND CANCER**  
[54] **DERIVES D'INDOLOCARBAZOLE UTILES POUR LE TRAITEMENT DE TROUBLES DE NEURODEGENERESCENCE ET DU CANCER**  
[72] VANZANDT, MICHAEL C., US  
[72] RODER, HANNO, DE  
[72] LOWINGER, TIMOTHY B., JP  
[72] BRITTELLI, DAVID R., US  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-12-29  
[86] 1999-06-23 (PCT/EP99/04369)  
[87] 2000-01-13 (WO00/01699)  
[30] US (09/109,131) 1998-07-02

[21] **2,336,420**  
[13] A1

[51] **Int.Cl. 7B23B 49/00 7G01B 5/18**  
[25] EN  
[54] **ELECTRONICALLY TRIGGERED SURFACE SENSOR UNIT**  
[54] **UNITE DE CAPTEUR DE SURFACE A DECLENCHEMENT ELECTRONIQUE**  
[72] FISHER, DAVID, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2000-12-29  
[86] 1999-06-30 (PCT/GB99/02061)  
[87] 2000-01-13 (WO00/01504)  
[30] GB (9814244.1) 1998-07-01  
[30] GB (9909519.2) 1999-04-27

[21] **2,336,422**  
[13] A1

[51] **Int.Cl. 6B60L 7/24**  
[25] EN  
[54] **BRAKE DEVICE FOR CAR**  
[54] **DISPOSITIF DE FREINAGE POUR AUTOMOBILE**  
[72] YAMADA, JUN, JP  
[72] YAMADA, YOSHIKI, JP  
[71] NISSAN DIESEL CO.,LTD, JP  
[85] 2000-12-29  
[86] 1999-03-24 (PCT/JP99/01496)  
[87] 2000-01-06 (WO00/00363)  
[30] JP (10/184089) 1998-06-30

[21] **2,336,425**  
[13] A1

[51] **Int.Cl. 7C07C 67/347 7C10M 101/04 7C10M 159/08 7C07C 69/608**  
[25] EN  
[54] **PROCESS FOR MODIFYING UNSATURATED TRIACYLGLYCEROL OILS; RESULTING PRODUCTS AND USES THEREOF**  
[54] **MODIFICATION D'HUILES DE TRIACYLGLYCEROL INSATUREES; PRODUITS EN RESULTANT ET LEURS UTILISATIONS**  
[72] KODALI, DHARMA R., US  
[72] LI, KEQIANG, US  
[71] CARGILL, INCORPORATED, US  
[85] 2000-12-29  
[86] 1999-07-01 (PCT/US99/15082)  
[87] 2000-01-13 (WO00/01658)  
[30] US (09/108,773) 1998-07-02  
[30] US (60/126,437) 1999-01-22  
[30] US (60/118,636) 1999-02-04  
[30] US (09/342,388) 1999-06-29

[21] **2,336,428**  
[13] A1

[51] **Int.Cl. 6A61C 8/00**  
[25] EN  
[54] **DENTAL IMPLANT COMPONENT**  
[54] **COMPOSANT IMPLANT DENTAIRE**  
[72] CARISCH, HANSRUEDI, CH  
[72] BROBERG, LEIF, SE  
[72] BERGSTROM, NILS GUSTAF, SE  
[72] HOLMEN, ANDERS, SE  
[71] ASTRAZENECA AB, SE  
[85] 2001-01-02  
[86] 1999-07-21 (PCT/SE99/01300)  
[87] 2000-02-03 (WO00/04842)  
[30] SE (9802605-7) 1998-07-23

[21] **2,336,435**  
[13] A1

[51] **Int.Cl. 6H04B 10/04 6H04J 14/00 6G06F 3/023 6G02B 26/08 6H04B 10/10 6H04B 10/24 6H04B 10/26**  
[25] EN  
[54] **DATA SWITCH**  
[54] **COMMUTATEUR DE DONNEES**  
[72] LAW, COLIN, AU  
[72] MOGG, PETER, AU  
[72] ASHCROFT, ANTHONY, AU  
[71] COMPUCAT RESEARCH PTY.LTD., AU  
[85] 2001-01-02  
[86] 1999-07-01 (PCT/AU99/00534)  
[87] 2000-01-13 (WO00/02330)  
[30] AU (PP 4441) 1998-07-01

## Demandes PCT entrant en phase nationale

[21] **2,336,437**  
[13] A1

[51] **Int.Cl. 7A01K 67/00 7C12N 15/06 7C12N 5/16**  
[25] EN  
[54] **A PROCESS OF CELL REPROGRAMMING THROUGH PRODUCTION OF A HETEROKARYON**  
[54] **REPROGRAMMATION CELLULAIRE PAR PRODUCTION D'HETEROCARYON**  
[72] VERMA, PAUL JOHN, AU  
[72] NOTTLE, MARK BRENTON, AU  
[71] GARELAG PTY LTD., AU  
[71] RELAG PTY LTD., AU  
[85] 2001-01-02  
[86] 2000-05-10 (PCT/AU00/00432)  
[87] 2000-11-16 (WO00/67569)  
[30] AU (PQ 0259) 1999-05-10

[21] **2,336,440**  
[13] A1

[51] **Int.Cl. 7H04Q 3/00**  
[25] EN  
[54] **SIGNALLING IN A TELECOMMUNICATIONS NETWORK**  
[54] **SIGNALISATION DANS UN RESEAU DE TELECOMMUNICATIONS**  
[72] KHELLO, ROBERT, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-02  
[86] 1999-06-25 (PCT/EP99/04440)  
[87] 2000-01-13 (WO00/02411)  
[30] FI (981554) 1998-07-06

[21] **2,336,441**  
[13] A1

[51] **Int.Cl. 7G01N 33/53**  
[25] EN  
[54] **IMMUNOASSAY TESTING KIT AND CONTAINERS**  
[54] **KIT ET RECIPIENT POUR IMMUNOESSAI**  
[72] GREGER, WILLIAM B., US  
[72] WHITCOMB, WENDY R., US  
[72] SMETHERS, RICKY T., US  
[71] MOLECULAR CIRCUITRY, INC., US  
[85] 2001-01-02  
[86] 1999-03-16 (PCT/US99/06145)  
[87] 2000-01-13 (WO00/02047)  
[30] US (09/109,803) 1998-07-02

[21] **2,336,442**  
[13] A1

[51] **Int.Cl. 7H04Q 3/00**  
[25] EN  
[54] **HYPERTEXT TRANSPORT PROTOCOL INTERFACE IN AN INTELLIGENT NETWORK NODE**  
[54] **INTERFACE HTTP DANS UN NOEUD DE RESEAU INTELLIGENT**  
[72] ROACH, ADAM, US  
[71] ERICSSON, INC., US  
[85] 2001-01-02  
[86] 1999-07-07 (PCT/US99/15341)  
[87] 2000-01-20 (WO00/03550)  
[30] US (09/111,466) 1998-07-08

[21] **2,336,443**  
[13] A1

[51] **Int.Cl. 7A61K 31/715**  
[25] EN  
[54] **BIOCOMPATIBLE AND BIODEGRADABLE COMPOSITIONS CONTAINING HYALURONIC ACID AND THE DERIVATIVES THEREOF FOR THE TREATMENT OF ULCERS IN THE DIGESTIVE APPARATUS**  
[54] **COMPOSITIONS BIOCOMPATIBLES ET BIODEGRADABLES CONTENANT DE L'ACIDE HYALURONIQUE ET DES DERIVES DE CE DERNIER UTILISEES POUR TRAITER LES ULCERES DANS L'APPAREIL DIGESTIF**  
[72] CALLEGARO, LANFRANCO, IT  
[72] AMBROSIO, LUIGI, IT  
[72] ESPOSITO, ANNACLAUDIA, IT  
[71] FIDIA ADVANCED BIOPOLYMERS SRL, IT  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/EP99/04604)  
[87] 2000-01-13 (WO00/01394)  
[30] IT (PD98A000168) 1998-07-06

[21] **2,336,445**  
[13] A1

[51] **Int.Cl. 7C07K 9/00 7A61K 38/14**  
[25] EN  
[54] **GLYCOPEPTIDE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME**  
[54] **DERIVES DE GLYCOPEPTIDE ET COMPOSITIONS PHARMACEUTIQUES A BASE DE CES DERNIERS**  
[72] LINSELL, MARTIN SHERINGHAM, US  
[72] MU, YONGQI, US  
[72] LAM, BERNICE M. T., US  
[72] LEADBETTER, MICHAEL, US  
[72] YANG, GUANG, US  
[72] TRAPP, SEAN GARY, US  
[72] JUDICE, J. KEVIN, US  
[72] FATHEREE, PAUL ROSS, US  
[72] ZHU, YAN, US  
[71] ADVANCED MEDICINE, INC., US  
[85] 2001-01-02  
[86] 1999-12-22 (PCT/US99/30543)  
[87] 2000-07-06 (WO00/39156)  
[30] US (60/113,728) 1998-12-23  
[30] US (60/129,313) 1999-04-14  
[30] US (60/164,024) 1999-11-04  
[30] US (60/169,978) 1999-12-10

## PCT Applications Entering the National Phase

[21] **2,336,447**  
[13] A1

[51] **Int.Cl. 7C08F 20/04 7C08L 23/00 7C09D 133/04 7C09J 133/04**  
[25] EN  
[54] **CONTINUOUS BULK POLYMERIZATION AND ESTERIFICATION PROCESS AND COMPOSITIONS INCLUDING THE POLYMERIC PRODUCT**  
[54] **PROCEDE CONTINU DE POLYMERISATION EN MASSE ET D'ESTERIFICATION, ET COMPOSITIONS RENFERMANT LE PRODUIT POLYMERE**  
[72] PETERSON, GREGORY R., US  
[72] MILLS, H. THOMAS, US  
[72] HELLWIG, DEAN R., US  
[72] SANDVICK, PAUL E., US  
[72] WILSON, DENNIS M., US  
[72] CALHOUN, GLENN C., US  
[72] HANSEN, FREDERICK C., US  
[72] ANDRIST, KEVIN M., US  
[72] HESSENIUS, KURT A., US  
[72] JAYASURIYA, D. SUNIL, US  
[72] LEE, MATT G., US  
[72] MACCANNI, STEPHEN T., US  
[71] S. C. JOHNSON COMMERCIAL MARKETS, INC., US  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/US99/15163)  
[87] 2000-01-20 (WO00/02934)  
[30] US (60/092,405) 1998-07-10

[21] **2,336,461**  
[13] A1

[51] **Int.Cl. 6C07C 51/245**  
[25] EN  
[54] **METHOD OF PRODUCING AN ALIPHATIC DIACID AND NITROUS OXIDE**  
[54] **PRODUCTION D'UN DIACIDE ALIPHATIQUE ET D'OXYDE NITREUX**  
[72] OPPENHEIM, JUDITH P., US  
[72] EBNER, JERRY R., US  
[72] SLAVINSKAYA, ELENA MARKOVNA, RU  
[72] BUECHLER, CHRIS R., US  
[72] MOKRINKSKII, VLADIMIR VASILIEVICH, RU  
[72] NOSKOV, ALEXANDER STEPANOVICH, RU  
[72] URIARTE, ANTHONY K., US  
[72] ZOLOTARSKII, ILYA ALEKSANDROVICH, RU  
[72] PATTERSON, ANDREW M., US  
[72] RODKIN, MIKHAIL A., US  
[71] SOLUTIA, INC., US  
[85] 2001-01-02  
[86] 1999-06-17 (PCT/US99/13745)  
[87] 2000-01-13 (WO00/01654)  
[30] US (09/110,641) 1998-07-06

[21] **2,336,462**  
[13] A1

[51] **Int.Cl. 7A23K 1/165 7A23K 1/17**  
[25] EN  
[54] **NOVEL COMPOSITIONS AND METHODS FOR REDUCTION OF EFFECTS OF ENDOPHYTE-INFECTED FORAGES**  
[54] **NOUVELLE COMPOSITION ET NOUVEAU PROCEDE PERMETTANT DE REDUIRE LES EFFETS DES FOURRAGES INFECTES PAR DES ENDOPHYTES**  
[72] EVANS, JEFFREY W., US  
[71] ALLTECH, INC., US  
[85] 2001-01-02  
[86] 2000-05-03 (PCT/US00/11988)  
[87] 2000-11-09 (WO00/65928)  
[30] US (60/132,224) 1999-05-03

[21] **2,336,463**  
[13] A1

[51] **Int.Cl. 6F26B 25/16 6B65D 81/26**  
[25] EN  
[54] **MODIFIED POLYMERS HAVING CONTROLLED TRANSMISSION RATES**  
[54] **POLYMERES MODIFIES A TAUX DE TRANSMISSION REGULES**  
[72] HEKAL, IHAB M., US  
[71] CAPITOL SPECIALTY PLASTICS, INC., US  
[85] 2001-01-02  
[86] 1999-05-25 (PCT/US99/11564)  
[87] 1999-12-02 (WO99/61855)  
[30] US (09/087,824) 1998-05-29

[21] **2,336,464**  
[13] A1

[51] **Int.Cl. 7B28B 7/00 7B28B 7/24**  
[25] EN  
[54] **PROCESS FOR PRODUCING MASONRY BLOCK WITH ROUGHENED SURFACE**  
[54] **PROCEDE DE FABRICATION D'ELEMENTS PREFABRIQUES DE MACONNERIE A SURFACE RUGUEUSE**  
[72] SCHMIDT, CECIL C., US  
[72] LACROIX, DAVID MATTHEW, US  
[72] BOLLES, GLENN CLARKE, US  
[71] ANCHOR WALL SYSTEMS, INC., US  
[85] 2001-01-02  
[86] 1999-05-26 (PCT/US99/11670)  
[87] 2000-01-13 (WO00/01517)  
[30] US (09/109,555) 1998-07-02

[21] **2,336,465**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SWITCHING PACKETS IN A NETWORK**  
[54] **SYSTEME ET PROCEDE DE COMMUTATION DE PAQUETS DANS UN RESEAU**  
[72] PEDUEL, YUVAL, US  
[72] SCHWARTZ, STEVEN J., US  
[72] CARLSON, JAMES D., US  
[72] HATHAWAY, MICHAEL, US  
[71] IRONBRIDGE NETWORKS, INC., US  
[85] 2001-01-02  
[86] 1999-07-01 (PCT/US99/15028)  
[87] 2000-01-13 (WO00/02347)  
[30] US (09/108,771) 1998-07-02

[21] **2,336,466**  
[13] A1

[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COLLECTING DATA AND MANAGING PATIENT CARE**  
[54] **SYSTEME ET PROCEDE DE COLLECTE DE DONNEES ET DE GESTION DE SOINS DONNES A DES PATIENTS**  
[72] ENGLESON, JOSEPH J., US  
[72] CHAMBERLAIN, CRAIG, US  
[71] ALARIS MEDICAL SYSTEMS, INC., US  
[85] 2001-01-02  
[86] 1999-07-09 (PCT/US99/15500)  
[87] 2000-01-20 (WO00/03344)  
[30] US (09/114,581) 1998-07-13

## Demandes PCT entrant en phase nationale

[21] **2,336,468**  
[13] A1

[51] **Int.Cl. 7C07D 498/04 7C07D 249/00 7C07D 273/00 7C07D 285/00 7C07D 487/04 7C07D 513/04 7C07C 281/08 7C07C 337/08 7A01N 43/90**

[25] EN  
[54] **METHOD FOR PRODUCING ANELLATED TRIAZOLES AND NEW ANELLATED TRIAZOLES AND THEIR USE**  
[54] **PROCEDE DE PREPARATION DE TRIAZOLS ANNELES ET NOUVEAUX TRIAZOLS ANNELES ET LEUR UTILISATION**

[72] MENKE, OLAF, DE  
[72] REINHARD, ROBERT, DE  
[72] ZAGAR, CYRILL, DE  
[72] HAMPRECHT, GERHARD, DE  
[72] SCHAFFER, PETER, DE  
[72] OTTEN, MARTINA, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] WALTER, HELMUT, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-01-02  
[86] 1999-06-29 (PCT/EP99/04482)  
[87] 2000-01-13 (WO00/01700)  
[30] DE (198 29 745.9) 1998-07-03

[21] **2,336,469**  
[13] A1

[51] **Int.Cl. 6A61K 35/78 6A61K 47/00 6A23L 2/02 6A23L 1/28**

[25] EN  
[54] **METHOD OF EXTRACTING ANTIOXIDANTS FROM LABIATE SPECIES AND THE EXTRACT PRODUCTS THEREOF**  
[54] **PROCEDE D'EXTRACTION D'ANTIOXYDANTS A PARTIR D'ESPECES LABIEES ET PRODUITS D'EXTRACTION OBTENUS DE CES ESPECES**

[72] GREAVES, JOHN A., US  
[72] BRINKHAUS, FRIEDHELM, US  
[72] HAWORTH, JAMES E., US  
[71] KEMIN INDUSTRIES, INC., US  
[85] 2001-01-02  
[86] 1999-05-18 (PCT/US99/10934)  
[87] 1999-11-25 (WO99/59607)  
[30] US (09/082,109) 1998-05-20

[21] **2,336,470**  
[13] A1

[51] **Int.Cl. 7C07D 405/12 7A61K 31/445**

[25] EN  
[54] **SALTS OF PAROXETINE**  
[54] **SELS DE PAROXETINE**

[72] JACEWICZ, VICTOR WITOLD, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2001-01-02  
[86] 1999-06-30 (PCT/EP99/04543)  
[87] 2000-01-13 (WO00/01692)  
[30] GB (9814316.7) 1998-07-02

[21] **2,336,471**  
[13] A1

[51] **Int.Cl. 7A61K 7/06**

[25] EN  
[54] **HAIR CARE COMPOSITIONS COMPRISING POLYSILOXANE RESINS WITH DELOCALISED ELECTRONS**  
[54] **COMPOSITIONS DE SOINS CAPILLAIRES CONTENANT DES RESINES DE POLYSILOXANE A ELECTRONS DELOCALISES**

[72] MCMEEKIN, ANTHONY, GB  
[72] MCCANN, CHANTELE MARY, GB  
[72] YOUNG, WENDY VICTORIA JANE, GB  
[72] MCKELVEY, GRAHAM NEIL, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-02  
[86] 1999-03-26 (PCT/US99/06117)  
[87] 2000-02-10 (WO00/06105)  
[30] US (PCT/US98/15871) 1998-07-30

[21] **2,336,472**  
[13] A1

[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/00 6A01K 67/027**

[25] EN  
[54] **NEGATIVE-SENSE RNA VIRUS VECTOR FOR NERVE CELL**  
[54] **VECTEUR DE VIRUS A ARN A BRIN NEGATIF**

[72] ASAKAWA, MAKOTO, JP  
[72] HASEGAWA, MAMORU, JP  
[72] FUKUMURA, MASAYUKI, JP  
[71] DNAVEC RESEARCH INC., JP  
[85] 2001-01-02  
[86] 1999-07-01 (PCT/JP99/03552)  
[87] 2000-01-13 (WO00/01837)  
[30] JP (10/204333) 1998-07-03

[21] **2,336,473**  
[13] A1

[51] **Int.Cl. 7C08K 13/02 7B29C 47/08**

[25] EN  
[54] **FREEZING MATERIALS**  
[54] **MATIERES DE CONGELATION**

[72] JAECKEL, MANFRED, DE  
[71] COGNIS DEUTSCHLAND GMBH, DE  
[85] 2001-01-02  
[86] 1999-06-24 (PCT/EP99/04394)  
[87] 2000-01-13 (WO00/01764)  
[30] DE (198 29 785.8) 1998-07-03

[21] **2,336,474**  
[13] A1

[51] **Int.Cl. 7C07C 237/22 7A61K 31/16 7C07D 261/18 7C07D 235/30 7C07D 309/30 7C07D 311/32 7A61K 31/33 7C07D 239/34 7C07D 209/42 7C07F 9/46 7C07C 317/50 7C07D 211/60**

[25] EN  
[54] **C-TERMINAL MODIFIED OXAMYL DIPEPTIDES AS INHIBITORS OF THE ICE/CED-3 FAMILY OF CYSTEINE PROTEASES**  
[54] **OXAMYL DIPEPTIDES A TERMINAL C MODIFIE EN TANT QU'INHIBITEURS DE LA FAMILLE ICE/CED-3 DES PROTEASES DE CYSTEINE**

[72] TERNANSKY, ROBERT J., US  
[72] KARANEWSKY, DONALD S., US  
[71] IDUN PHARMACEUTICALS, INC., US  
[85] 2001-01-02  
[86] 1999-07-01 (PCT/US99/15074)  
[87] 2000-01-13 (WO00/01666)  
[30] US (60/091,689) 1998-07-02  
[30] US (09/177,549) 1998-10-22

[21] **2,336,475**  
[13] A1

[51] **Int.Cl. 6C07D 498/18 6A61K 31/495**

[25] EN  
[54] **INHIBITORS OF PRENYL-PROTEIN TRANSFERASE**  
[54] **INHIBITEURS DE PRENYL-PROTEINE TRANSFERASE**

[72] BERGMAN, JEFFREY M., US  
[72] ZARTMAN, C. BLAIR, US  
[72] WILLIAMS, THERESA M., US  
[72] GRAHAM, SAMUEL L., US  
[72] STOKKER, GERALD E., US  
[72] NGUYEN, DIEM L., US  
[72] DINSMORE, CHRISTOPHER J., US  
[71] MERCK & CO., INC., US  
[85] 2001-01-02  
[86] 1999-06-29 (PCT/US99/14741)  
[87] 2000-01-13 (WO00/01702)  
[30] US (60/091,629) 1998-07-02

## PCT Applications Entering the National Phase

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[21] **2,336,476**  
[13] A1  
[51] **Int.Cl. 7A23B 4/015 7A22C 9/00 7A23L 3/015**  
[25] EN  
[54] **CONTINUOUS SHOCK WAVE FOOD PROCESSING WITH SHOCK WAVE REFLECTION**  
[54] **TRAITEMENT D'ALIMENTS PAR ONDES DE CHOC CONTINUES AVEC REFLEXION DE CES ONDES**  
[72] LONG, JOHN B., US  
[71] HYDRODYNE R & D, INC., US  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/US99/15110)  
[87] 2000-01-13 (WO00/01242)  
[30] US (60/091,621) 1998-07-02  
[30] US (60/115,610) 1999-01-12  
[30] US (60/126,921) 1999-03-29

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[21] **2,336,477**  
[13] A1  
[51] **Int.Cl. 6D21C 11/06 6C09F 3/02**  
[25] EN  
[54] **METHOD AND ARRANGEMENT FOR CLEANING CONTAMINATED CONDENSATE INCLUDING A COMBINED STRIPPER/CONDENSER**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE NETTOYER DES CONDENSES CONTAMINES ET COMPORTANT UNE COMBINAISON COLONNE DE STRIPPING/ CONDENSEUR**  
[72] LUNDGREN, ALLAN, SE  
[71] PAPSEA AB, SE  
[85] 2001-01-02  
[86] 1999-07-05 (PCT/SE99/01219)  
[87] 2000-01-13 (WO00/01879)  
[30] SE (9802442-5) 1998-07-07

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[21] **2,336,478**  
[13] A1  
[51] **Int.Cl. 7A61M 1/16**  
[25] EN  
[54] **METHODS AND APPARATUS FOR PERFORMING CONTROLLED ULTRAFILTRATION DURING HEMODIALYSIS**  
[54] **PROCEDES ET DISPOSITIF D'ULTRAFILTRATION REGULEE PENDANT UNE HEMODIALYSE**  
[72] CASTERLINE, CAMERON SCOTT, US  
[72] EL SAYYID, WALEED MUTASEM, US  
[71] ALTHIN MEDICAL, INC., US  
[85] 2001-01-02  
[86] 1999-08-02 (PCT/US99/17506)  
[87] 2000-02-10 (WO00/06217)  
[30] US (09/126,761) 1998-07-31

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[21] **2,336,479**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06 7H04L 12/22**  
[25] EN  
[54] **SECURE SESSION SET UP BASED ON THE WIRELESS APPLICATION PROTOCOL**  
[54] **ETABLISSEMENT SUR DE SESSIONS AU MOYEN DU PROTOCOLE D'APPLICATION DE RADIOCOMMUNICATION**  
[72] IMMONEN, OLLI, FI  
[71] NOKIA MOBILE PHONES LIMITED, FI  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/EP99/04720)  
[87] 2000-01-13 (WO00/02358)  
[30] DK (PA 1998 00867) 1998-07-03

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[21] **2,336,480**  
[13] A1  
[51] **Int.Cl. 6F26B 3/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DRYING PULP**  
[54] **PROCEDE ET APPAREIL DE SECHAGE DE PATE**  
[72] SAIRANEN, PAAVO, IT  
[72] HUHTALA, OLLI, FI  
[71] VALMET CORPORATION, FI  
[85] 2001-01-02  
[86] 1999-06-21 (PCT/FI99/00541)  
[87] 2000-01-13 (WO00/01994)  
[30] FI (981523) 1998-07-02

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[21] **2,336,481**  
[13] A1  
[51] **Int.Cl. 6G03H 1/04**  
[25] EN  
[54] **HOLOGRAPHIC PATTERNING METHOD AND TOOL EMPLOYING PRISM COUPLING**  
[54] **PROCEDE DE CONCEPTION DE MODELE HOLOGRAPHIQUE ET OUTIL POUR L'UTILISATION DE COUPLAGE PAR PRISME**  
[72] KELSEY, ADAM F., US  
[72] MACLEOD, BRUCE D., US  
[72] HOBBS, DOUGLAS C., US  
[71] OPTICAL SWITCH CORPORATION, US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10708)  
[87] 1999-11-18 (WO99/59035)  
[30] US (60/085,528) 1998-05-14

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[21] **2,336,482**  
[13] A1  
[51] **Int.Cl. 6C09G 1/02 6C23F 3/00 6C09K 3/14 6H01L 21/321**  
[25] EN  
[54] **CMP SLURRY CONTAINING A SOLID CATALYST**  
[54] **BOUILLIE DE CMP CONTENANT UN CATALYSEUR SOLIDE**  
[72] MUELLER, BRIAN L., US  
[72] WANG, SHUMIN, US  
[71] CABOT MICROELECTRONICS CORPORATION, US  
[85] 2000-11-27  
[86] 1999-05-25 (PCT/US99/11475)  
[87] 1999-12-02 (WO99/61540)  
[30] US (09/084,630) 1998-05-26

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[21] **2,336,483**  
[13] A1  
[51] **Int.Cl. 6H04B 10/18 6H04L 27/01**  
[25] EN  
[54] **PHYSICAL CHANNEL ESTIMATOR**  
[54] **ESTIMATEUR DE CANAL PHYSIQUE**  
[72] KATIC, OGNJEN, CA  
[72] REY, CLAUDIO G., US  
[72] GOTHE, MARLO R., CA  
[72] FERRARIO, NINO P., US  
[71] GLENAYRE ELECTRONICS, INC., US  
[85] 2000-11-27  
[86] 1999-07-15 (PCT/US99/15978)  
[87] 2001-01-25 (WO01/06683)

## Demandes PCT entrant en phase nationale

[21] **2,336,484**  
[13] A1

[51] **Int.Cl. 6B65D 19/00**  
[25] EN  
[54] **PALLET ASSEMBLY**  
[54] **ENSEMBLE PALETTES**  
[72] APPS, WILLIAM P., US  
[71] REHRIG PACIFIC COMPANY, US  
[85] 2000-12-27  
[86] 1999-06-25 (PCT/US99/14399)  
[87] 2000-01-13 (WO00/01588)  
[30] US (09/108,532) 1998-07-01  
[30] US (09/330,150) 1999-06-11

[21] **2,336,485**  
[13] A1

[51] **Int.Cl. 7B64D 11/02 7B60R 15/04 7E03D 5/12**  
[25] EN  
[54] **VACUUM TOILET SYSTEM FOR A VEHICLE**  
[54] **SYSTEME DE TOILETTES A DEPRESSION POUR VEHICULE**  
[72] KARLSSON, KENT, DE  
[72] KECHELE, KARL, DE  
[71] AOA APPARATEBAU GAUTING GMBH, DE  
[85] 2000-12-28  
[86] 1999-07-23 (PCT/EP99/05270)  
[87] 2000-02-17 (WO00/07878)  
[30] DE (198 34 537.2) 1998-07-31

[21] **2,336,533**  
[13] A1

[51] **Int.Cl. 7C08F 20/04 7C09D 133/04**  
[25] EN  
[54] **PROCESS FOR PRODUCING POLYMERS BY FREE RADICAL POLYMERIZATION AND CONDENSATION REACTION, AND APPARATUS AND PRODUCTS RELATED THERETO**  
[54] **PROCESSUS DE PRODUCTION DE POLYMERES PAR POLYMERISATION RADICALAIRE ET REACTION DE CONDENSATION, ET APPAREIL ET PRODUITS Y RELATIFS**  
[72] DEBLING, JON A., US  
[72] CAMPBELL, JOHN D., US  
[72] VILLALOBOS, MARCO A., US  
[72] DEYOUNG, DOUGLAS J., US  
[72] SCHATZ, DAVID D., US  
[72] HELLWIG, DEAN R., US  
[72] TEYMOUR, FOUAD, US  
[71] S.C. JOHNSON COMMERCIAL MARKETS, INC., US  
[85] 2001-01-03  
[86] 1999-07-02 (PCT/US99/15151)  
[87] 2000-01-20 (WO00/02932)  
[30] US (60/092,433) 1998-07-10

[21] **2,336,535**  
[13] A1

[51] **Int.Cl. 7C09D 5/03 7C09D 167/00**  
[25] EN  
[54] **POWDER COATING COMPOSITIONS**  
[54] **COMPOSITIONS DE REVETEMENT EN POUDRE**  
[72] RING, JOHN, GB  
[72] CRAPPER, GARETH DALE, GB  
[72] KITTLE, KEVIN JEFFREY, GB  
[71] INTERNATIONAL COATINGS LIMITED, GB  
[85] 2001-01-03  
[86] 1999-07-02 (PCT/GB99/02105)  
[87] 2000-01-13 (WO00/01774)  
[30] GB (9814534.5) 1998-07-03

[21] **2,336,536**  
[13] A1

[51] **Int.Cl. 6C12N 15/09 6C12N 15/63**  
[25] EN  
[54] **GROWTH DIFFERENTIATION FACTOR-11**  
[54] **FACTEUR 11 DE DIFFERENTIATION DE CROISSANCE**  
[72] MCPHERRON, ALEXANDRA C., US  
[72] LEE, SE-JIN, US  
[71] THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US  
[85] 2001-01-25  
[86] 1999-07-28 (PCT/US99/17252)  
[87] 2000-02-10 (WO00/06716)  
[30] US (09/123,929) 1998-07-28

[21] **2,336,537**  
[13] A1

[51] **Int.Cl. 7A21C 13/00**  
[25] EN  
[54] **DEVICE FOR DETECTING THE RAISING STATE OF SMALL PILES OF DOUGH**  
[54] **DISPOSITIF PERMETTANT DE DETECTER L'ETAT DE LEVEE DE PETITS AMAS DE PATE**  
[72] ATZINGER, THOMAS, DE  
[71] ATZINGER, THOMAS, DE  
[85] 2001-01-03  
[86] 1999-07-14 (PCT/EP99/04990)  
[87] 2000-01-27 (WO00/03602)  
[30] DE (198 31 635.6) 1998-07-15

[21] **2,336,538**  
[13] A1

[51] **Int.Cl. 7A63F 1/00**  
[25] EN  
[54] **HIGHER FREQUENCY WILD CARD GAME**  
[54] **JEU COMPORTANT UN PLUS GRAND NOMBRE DE CARTES VOLANTES**  
[72] YOSELOFF, MARK L., US  
[71] SHUFFLE MASTER, INC., US  
[85] 2001-01-03  
[86] 2000-05-03 (PCT/US00/12081)  
[87] 2000-11-09 (WO00/66235)  
[30] US (09/304,753) 1999-05-04

[21] **2,336,540**  
[13] A1

[51] **Int.Cl. 6G01N 21/35**  
[25] EN  
[54] **AN IN-LINE METHOD FOR DETERMINING THE RESIDUE CONTENT OF AN ISOCYANATE AND APPARATUS USEFUL THEREFOR**  
[54] **PROCEDE EN LIGNE POUR DETERMINER LA TENEUR EN RESIDU D'UN ISOCYANATE ET APPAREIL UTILISE A CETTE FIN**  
[72] PHILYAW, LARRY E., US  
[72] SOMMER, KLAUS, US  
[72] RYAN, PETER J., US  
[72] MACNAUGHTAN, DONALD JR., US  
[72] SCHAREIN, PETER, US  
[72] JACKSON, JULIE A., US  
[72] ALLEN, GARY F., US  
[72] HUNT, ROBERT N., US  
[71] BAYER CORPORATION, US  
[85] 2001-01-03  
[86] 1999-06-29 (PCT/US99/14670)  
[87] 2000-01-13 (WO00/02035)  
[30] US (09/110,526) 1998-07-06



## PCT Applications Entering the National Phase

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[21] **2,336,542**  
[13] A1

[51] **Int.Cl. 6A61K 35/78**  
[25] EN  
[54] **EXTRACTS OF ZANTHOXYLUM BUNGEANUM, PHARMACEUTICAL AND COSMETIC FORMULATIONS CONTAINING THEM**  
[54] **EXTRAITS DE ZANTHOXYLUM BUNGEANUM ET FORMULATIONS PHARMACEUTIQUES ET COSMETIQUES RENFERMANT CES DERNIERS**  
[72] GABETTA, BRUNO, IT  
[72] BOMBARDELLI, EZIO, IT  
[71] INDENA S.P.A., IT  
[85] 2001-01-03  
[86] 1999-04-07 (PCT/EP99/02358)  
[87] 2000-01-20 (WO00/02570)  
[30] IT (MI98A001542) 1998-07-07

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[21] **2,336,543**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/00 6C12N 5/10 6C12N 15/10 6A61K 38/17 6C07K 16/28 6C12P 19/34 6A61K 39/395 6A61K 47/48 6C12N 15/63 6C12Q 1/68 6C07K 14/705**  
[25] EN  
[54] **ISOFORMS OF HUMAN CALCIUM SENSING RECEPTOR**  
[54] **ISOFORMES DE RECEPTEUR DE CALCIUM HUMAIN**  
[72] THROWER, LARRY W., US  
[72] LABAUDINIÈRE, RICHARD F., US  
[72] YU, KIN T., US  
[71] AVENTIS PHARMACEUTICALS PRODUCTS INC., US  
[85] 2001-01-26  
[86] 1999-07-28 (PCT/US99/17116)  
[87] 2000-02-10 (WO00/06601)  
[30] US (60/094,702) 1998-07-30

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[21] **2,336,545**  
[13] A1

[51] **Int.Cl. 6C01B 3/32 6B01J 8/02 6H01M 8/06**  
[25] EN  
[54] **APPARATUS FOR REFORMING OF FUEL**  
[54] **APPAREIL DE REFORMAGE DE COMBUSTIBLES**  
[72] KINOSHITA, KATSUHIKO, JP  
[72] KAWAHARA, TATSUYA, JP  
[72] NEGISHI, YOSHIMASA, JP  
[72] OZAKI, TOSHIAKI, JP  
[72] MIZUNO, SEIJI, JP  
[72] TAKI, MASAYOSHI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2001-01-03  
[86] 1999-07-02 (PCT/JP99/03603)  
[87] 2000-01-20 (WO00/02812)  
[30] JP (10/210354) 1998-07-08

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[21] **2,336,547**  
[13] A1

[51] **Int.Cl. 6H02H 3/20 6H02H 7/00 6H02H 9/00 6H02H 9/04**  
[25] EN  
[54] **ARRANGEMENT FOR PROTECTING LOW-VOLTAGE CONTROL CIRCUITRY FROM EXTERNALLY APPLIED HIGH VOLTAGES, AND DIMMING BALLAST EMPLOYING SUCH AN ARRANGEMENT**  
[54] **DISPOSITIF DESTINE A PROTEGER UN CIRCUIT DE COMMANDE BASSE TENSION CONTRE DE HAUTES TENSIONS APPLIQUEES DE L'EXTERIEUR, EMPLOI DE CE DISPOSITIF POUR UN BALLAST DE GRADATION**  
[72] KONOPKA, JOHN G., US  
[72] SODHI, SAMEER, US  
[71] MOTOROLA INC., US  
[85] 2001-01-03  
[86] 1999-12-02 (PCT/US99/28532)  
[87] 2000-07-13 (WO00/41287)  
[30] US (09/226,758) 1999-01-06

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[21] **2,336,549**  
[13] A1

[51] **Int.Cl. 6A61K 31/16 6A61K 31/445 6A61K 31/535**  
[25] EN  
[54] **METHODS FOR TREATING CONDITIONS MODULATED BY LACTOSYLCERAMIDE**  
[54] **METHODES DE TRAITEMENT D'ETATS MODULES PAR LA LACTOSYLCERAMIDE**  
[72] CHATTERJEE, SUBROTO, US  
[71] JOHNS HOPKINS UNIVERSITY, US  
[85] 2001-01-25  
[86] 1999-07-22 (PCT/US99/16667)  
[87] 2000-02-10 (WO00/06145)  
[30] US (60/094,298) 1998-07-27

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[21] **2,336,550**  
[13] A1

[51] **Int.Cl. 6H04L 12/28**  
[25] EN  
[54] **CHANNEL SELECTION METHOD**  
[54] **TECHNIQUE DE SELECTION DE CANAUX**  
[72] ISHII, KENICHI, JP  
[72] OSAWA, TOMOKI, JP  
[71] NEC CORPORATION, JP  
[85] 2001-01-03  
[86] 1999-07-02 (PCT/JP99/03590)  
[87] 2000-01-13 (WO00/02353)  
[30] JP (10/190189) 1998-07-06

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[21] **2,336,551**  
[13] A1

[51] **Int.Cl. 7E21B 29/00**  
[25] EN  
[54] **BOREHOLE CONDUIT CUTTING APPARATUS**  
[54] **DISPOSITIF DE COUPE POUR CONDUIT DE FORAGE**  
[72] ROBERTSON, MICHAEL C., US  
[71] ROBERTSON, MICHAEL C., US  
[85] 2001-01-03  
[86] 2000-05-01 (PCT/US00/11660)  
[87] 2000-11-09 (WO00/66876)  
[30] US (09/304,655) 1999-05-04

## Demandes PCT entrant en phase nationale

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[21] **2,336,552**  
[13] A1

[51] **Int.Cl. 7B65D 47/20**  
[25] EN  
[54] **SLOTTED CLOSING VALVE FOR OPENINGS OF CONTAINERS**  
[54] **CLAPET DE FERMETURE A FENTE POUR OUVERTURES DE RECIPIENTS**  
[72] GABBARD, TIMOTHY I., US  
[72] GABBARD, MARK, US  
[72] HINS, JOHANNES, DE  
[71] GEORG MENSCHEN GMBH & CO. KG, DE  
[85] 2001-01-03  
[86] 2000-05-02 (PCT/EP00/03909)  
[87] 2000-11-09 (WO00/66447)  
[30] DE (299 07 933.3) 1999-05-04

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[21] **2,336,553**  
[13] A1

[51] **Int.Cl. 6G02F 1/1335**  
[25] EN  
[54] **LIQUID CRYSTAL PROJECTOR DEVICE**  
[54] **PROJECTEUR A CRISTAUX LIQUIDES**  
[72] TAJIRI, SHINICHIRO, JP  
[71] FUJITSU GENERAL LIMITED, JP  
[85] 2001-01-03  
[86] 1999-07-05 (PCT/JP99/03624)  
[87] 2000-01-13 (WO00/02084)  
[30] JP (10/188350) 1998-07-03

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[21] **2,336,554**  
[13] A1

[51] **Int.Cl. 7C12N 15/40 7C12N 7/01 7C07K 14/08 7A61K 39/12 7C12N 15/86**  
[25] EN  
[54] **MARBURG VIRUS VACCINES**  
[54] **VACCIN CONTRE LE VIRUS DE MARBURG**  
[72] NEGLEY, DIANE L., US  
[72] HEVEY, MICHAEL C., US  
[72] SMITH, JONATHAN F., US  
[72] SCHMALJOHN, ALAN L., US  
[72] PUSHKO, PETER, US  
[71] U.S. MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES, US  
[85] 2001-01-29  
[86] 1999-06-21 (PCT/US99/14174)  
[87] 2000-01-06 (WO00/00616)  
[30] US (60/091,403) 1998-06-29

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[21] **2,336,555**  
[13] A1

[51] **Int.Cl. 7A43C 11/08 7A43C 11/00 7A43C 11/22**  
[25] EN  
[54] **FOOTWEAR FASTENINGS**  
[54] **DISPOSITIF DE FERMETURE POUR CHAUSSURES**  
[72] CULVERWELL, STEVEN JOHN, GB  
[71] CULVERWELL, STEVEN JOHN, GB  
[85] 2001-01-03  
[86] 2000-05-23 (PCT/GB00/01970)  
[87] 2000-12-07 (WO00/72716)  
[30] GB (9912139.4) 1999-05-26

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[21] **2,336,557**  
[13] A1

[51] **Int.Cl. 7H01J 37/317**  
[25] EN  
[54] **MICROFABRICATED TEMPLATE FOR MULTIPLE CHARGED PARTICLE BEAM CALIBRATIONS AND SHIELDED CHARGED PARTICLE BEAM LITHOGRAPHY**  
[54] **MODELE MICROFABRIQUE POUR CALIBRATIONS DE FAISCEAUX A MULTIPLES PARTICULES CHARGEES ET LITOGRAFIE DE FAISCEAUX A PARTICULES CHARGEES PROTEGEES**  
[72] MANKOS, MARIAN, US  
[72] MURAY, LAWRENCE, US  
[72] CHANG, T. H. P., US  
[72] KIM, HO-SEOB, KR  
[72] LEE, KIM Y., US  
[71] ETEC SYSTEMS, INC., US  
[85] 2001-01-03  
[86] 2000-05-03 (PCT/US00/40082)  
[87] 2000-11-09 (WO00/67291)  
[30] US (09/304,505) 1999-05-03

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[21] **2,336,559**  
[13] A1

[51] **Int.Cl. 7C04B 41/48**  
[25] EN  
[54] **METHOD AND COMPOSITION FOR WATERPROOFING**  
[54] **PROCEDE ET COMPOSITION D'ETANCHEIFICATION**  
[72] GAVESKE, JOHN H., US  
[71] PROTECTIVE COATINGS TECHNOLOGY, INC., US  
[85] 2001-01-03  
[86] 2000-04-28 (PCT/US00/11609)  
[87] 2000-11-09 (WO00/66514)  
[30] US (09/304,354) 1999-05-04

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[21] **2,336,562**  
[13] A1

[51] **Int.Cl. 7B01J 23/92 7B01J 38/00 7B01J 37/34 7B01J 38/48 7B01D 53/96**  
[25] EN  
[54] **METHOD FOR REGENERATING CATALYSTS**  
[54] **PROCEDE DE REGENERATION DE CATALYSEURS**  
[72] DITTMER, ECKHARD, DE  
[72] SCHLUTTIG, ALEXANDER, DE  
[71] SAS SONDERABFALLSERVICE GMBH, DE  
[71] HEW HAMBURGISCHE ELECTRICITATS-WERKE AG, DE  
[85] 2001-01-03  
[86] 1999-06-17 (PCT/EP99/04213)  
[87] 2000-01-13 (WO00/01483)  
[30] DE (198 29 916.8) 1998-07-06

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[21] **2,336,564**  
[13] A1

[51] **Int.Cl. 7G01N 33/531**  
[25] EN  
[54] **METHOD FOR PREPARING WATER-SOLUBLE CROSS-LINKED CONJUGATES**  
[54] **PROCEDE DE PREPARATION DE CONJUGUES RETICULES, SOLUBLES DANS L'EAU**  
[72] LIHME, ALLAN OTTO FOG, DK  
[72] STANLEY, CHRISTOPHER JOHN, GB  
[71] AMDEX A/S, DK  
[85] 2001-01-03  
[86] 1999-07-29 (PCT/DK99/00426)  
[87] 2000-02-10 (WO00/07019)  
[30] DK (PA 1998 00992) 1998-07-30

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[21] **2,336,565**  
[13] A1

[51] **Int.Cl. 7A23L 3/3463 7A23L 3/3472**  
[25] EN  
[54] **ANTIMICROBIAL COMPOSITION**  
[54] **COMPOSITION ANTIMICROBIENNE**  
[72] SCHUER, JOERG PETER, DE  
[71] SCHUER, JOERG PETER, DE  
[85] 2001-01-03  
[86] 1999-07-13 (PCT/EP99/04896)  
[87] 2000-01-27 (WO00/03612)  
[30] DE (198 31 288.1) 1998-07-13  
[30] DE (198 31 306.3) 1998-07-13  
[30] DE (198 31 309.8) 1998-07-13

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## PCT Applications Entering the National Phase

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[21] **2,336,567**  
[13] A1  
[51] **Int.Cl. 7F16H 57/04 7B61C 9/38**  
[25] EN  
[54] **HIGH SPEED GEAR WITH OIL LUBRICATION, ESPECIALLY FOR ENVIRONMENTALLY SEALED RAILWAY DRIVING MECHANISMS**  
[54] **ENGRENAGE A VITESSE DE ROTATION ELEVEE LUBRIFIE PAR HUILE, EN PARTICULIER POUR ENTRAINEMENTS DE TRAIN ENTIEREMENT FERMES**  
[72] HALLMANN, DIETER, DE  
[72] SKUMAWITZ, ERWIN, DE  
[71] DAIMLERCHRYSLER AG, DE  
[85] 2001-01-03  
[86] 1999-06-18 (PCT/EP99/04156)  
[87] 2000-01-13 (WO00/01964)  
[30] DE (198 31 208.3) 1998-07-04

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[21] **2,336,568**  
[13] A1  
[51] **Int.Cl. 7C07F 9/38**  
[25] EN  
[54] **PREPARATION OF N-PHOSPHONOMETHYLGLYCINE SALTS**  
[54] **PREPARATION DE SELS DE N-PHOSPHONOMETHYLGLYCINE**  
[72] STUDER, MARTIN, CH  
[72] SIEBENHAAR, BERND, DE  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2001-01-03  
[86] 1999-07-02 (PCT/EP99/04587)  
[87] 2000-01-13 (WO00/01707)  
[30] CH (1436/98) 1998-07-06

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[21] **2,336,570**  
[13] A1  
[51] **Int.Cl. 6A61K 9/14**  
[25] EN  
[54] **CROSCARMELLOSE TASTE MASKING**  
[54] **CROSCARMELLOSE COMME MASQUANT DE SAVEUR**  
[72] DIMEMMO, LYNN M., US  
[72] DELL, SHEILA M., US  
[72] AUGELLO, MICHAEL, US  
[72] REIER, GEORGE E., US  
[72] STAMATO, HOWARD J., US  
[71] FMC CORPORATION, US  
[85] 2001-01-03  
[86] 1999-07-08 (PCT/US99/15510)  
[87] 2000-01-20 (WO00/02536)  
[30] US (60/091,996) 1998-07-08  
[30] US (09/330,445) 1999-06-11

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[21] **2,336,571**  
[13] A1  
[51] **Int.Cl. 6A61K 9/22 6A61M 1/00 6A61M 5/00 6A61M 25/00 6A61M 31/00 6A61M 35/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING SURGERY INSIDE THE HUMAN RETINA USING FLUIDIC INTERNAL LIMITING MEMBRANE (ILM) SEPARATION (FILMS)**  
[54] **TECHNIQUE ET DISPOSITIF PERMETTANT D'EFFECTUER UNE INTERVENTION CHIRURGICALE DANS LA RETINE HUMAINE PAR SEPARATION FLUIDIQUE DE LA MEMBRANE LIMITANTE INTERNE (ILM) (FILMS)**  
[72] MORRIS, ROBERT E., US  
[71] MORRIS, ROBERT E., US  
[85] 2001-01-03  
[86] 1999-06-21 (PCT/US99/14013)  
[87] 2000-01-13 (WO00/01367)  
[30] US (09/111,146) 1998-07-06

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[21] **2,336,572**  
[13] A1  
[51] **Int.Cl. 7G01F 1/84**  
[25] EN  
[54] **METHOD AND APPARATUS FOR A CORIOLIS FLOWMETER HAVING ITS FLOW CALIBRATION FACTOR INDEPENDENT OF MATERIAL DENSITY**  
[54] **PROCEDE ET APPAREIL POUR UN DEBITMETRE-MASSE A EFFET DE CORIOLIS DONT LE FACTEUR DE CALIBRAGE DU FLUX EST INDEPENDANT DE LA DENSITE DE LA MATIERE**  
[72] LANHAM, GREGORY TREAT, US  
[72] VAN CLEVE, CRAIG BRAINERD, US  
[72] STACK, CHARLES PAUL, US  
[71] MICRO MOTION, INC., US  
[85] 2001-01-03  
[86] 1999-05-28 (PCT/US99/11771)  
[87] 2000-03-09 (WO00/12970)  
[30] US (09/144,030) 1998-08-31

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[21] **2,336,579**  
[13] A1  
[51] **Int.Cl. 7H01P 5/12 7H01Q 5/00 7H01P 3/06**  
[25] EN  
[54] **FEEDING OR DECOUPLING DEVICE FOR A COAXIAL LINE, ESPECIALLY FOR A MULTIPLE COAXIAL LINE**  
[54] **DISPOSITIF D'ALIMENTATION OU DE DECOUPLAGE POUR LIGNE COAXIALE, NOTAMMENT POUR LIGNE COAXIALE MULTIPLE**  
[72] STOLLE, MANFRED, DE  
[71] KATHREIN-WERKE KG, DE  
[85] 2001-01-04  
[86] 2000-04-27 (PCT/EP00/03839)  
[87] 2000-11-16 (WO00/69015)  
[30] DE (199 20 980.4) 1999-05-06

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[21] **2,336,581**  
[13] A1  
[51] **Int.Cl. 7F01D 17/16**  
[25] EN  
[54] **MISMATCH PROOF VARIABLE STATOR VANE**  
[54] **AUBE DE STATOR VARIABLE A L'EPREUVE DU DECALAGE**  
[72] DIBELLA, JOSEPH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2001-01-04  
[86] 1999-08-04 (PCT/US99/17681)  
[87] 2000-02-24 (WO00/09863)  
[30] US (09/133,188) 1998-08-13

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[21] **2,336,582**  
[13] A1  
[51] **Int.Cl. 6C07D 487/22 6A61K 31/40**  
[25] EN  
[54] **NOVEL X-RAY INTERCEPTING METAL COMPLEXES OF CHLORIN DERIVATIVES**  
[54] **NOUVEAUX COMPLEXES METALLIQUES INTERCEPTEURS DE RAYONS X A BASE DE DERIVES DE CHLORE**  
[72] AMAN, NORIAKI, JP  
[72] GOMI, SHUICHI, JP  
[72] TAKAHASHI, HIROTADA, JP  
[72] TERAYAMA, YOSHIHIKO, JP  
[72] SUMI, SHINJIRO, JP  
[72] AIZAWA, KATSUO, JP  
[71] MEIJA SEIKA KAISHA LTD., JP  
[85] 2001-01-04  
[86] 1999-07-12 (PCT/JP99/03752)  
[87] 2000-01-20 (WO00/02882)  
[30] JP (10/195717) 1998-07-10

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,336,584</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F02C 7/143</b> [25] EN [54] <b>CONTROL SYSTEMS AND METHODS FOR WATER INJECTION IN A TURBINE ENGINE</b> [54] <b>PROCEDES ET SYSTEMES DE REGULATION D'UNE INJECTION D'EAU DANS UN MOTEUR A TURBINE</b> [72] PAYLING, STEPHEN REX, US [72] COLEMAN, ROBERT PAUL, US [72] BROWN, CURTIS LEE, US [71] GENERAL ELECTRIC COMPANY, US [85] 2001-01-04 [86] 1999-07-22 (PCT/US99/16680) [87] 2000-02-17 (WO00/08327) [30] US (60/094,094) 1998-07-24 [30] US (09/354,275) 1999-07-15</p>	<p style="text-align: right;">[21] <b>2,336,588</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 10/20</b> [25] EN [54] <b>ELECTRO-HOLOGRAPHIC OPTICAL SWITCH</b> [54] <b>COMMUTATEUR OPTIQUE ELECTRO-HOLOGRAPHIQUE</b> [72] PESSACH, BENNY, IL [72] ROGEL, LARRY RUDOLPH, US [72] AGRANAT, AHARON J., IL [71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL [85] 2001-01-04 [86] 1999-07-06 (PCT/IL99/00368) [87] 2000-01-13 (WO00/02098) [30] IL (125241) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,336,596</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/167 7G09F 9/37</b> [25] EN [54] <b>METHODS FOR ACHIEVING IMPROVED COLOR IN MICROENCAPSULATED ELECTROPHORETIC DEVICES</b> [54] <b>PROCEDES PERMETTANT D'AMELIORER LA COULEUR DES DISPOSITIFS ELECTROPHORETIQUES MICROENCAPSULES</b> [72] JACOBSON, JOSEPH, US [72] WILCOX, RUSSELL J., US [72] DRZAIC, PAUL, US [72] MORRISON, IAN, US [71] E INK CORPORATION, US [85] 2001-01-04 [86] 1999-07-08 (PCT/US99/15591) [87] 2000-01-20 (WO00/03291) [30] US (60/092,050) 1998-07-08</p>
<p style="text-align: right;">[21] <b>2,336,585</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11B 19/02 7G06F 3/033 7G11B 27/10 7G11B 27/32 7G11B 27/34 7H04N 5/85</b> [25] EN [54] <b>DIGITAL VIDEO APPARATUS USER INTERFACE</b> [54] <b>INTERFACE UTILISATEUR POUR APPAREIL VIDEO NUMERIQUE</b> [72] LEWIS, DEBBIE INDIRA, US [72] RICH, MICHAEL DILLON, US [72] DESAI, PRATISH RATILAL, US [72] MILLER, ROBERT HOWARD, US [71] THOMSON LICENSING S.A., FR [85] 2001-01-04 [86] 1999-07-20 (PCT/US99/16375) [87] 2000-01-27 (WO00/04539) [30] US (60/093,346) 1998-07-20 [30] US (60/093,347) 1998-07-20</p>	<p style="text-align: right;">[21] <b>2,336,589</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11B 19/00</b> [25] EN [54] <b>DIGITAL VIDEO APPARATUS USER INTERFACE</b> [54] <b>INTERFACE UTILISATEUR POUR APPAREIL VIDEO NUMERIQUE</b> [72] MILLER, ROBERT HOWARD, US [72] LEWIS, DEBBIE INDIRA, US [71] THOMSON LICENSING S.A., FR [85] 2001-01-04 [86] 1999-07-20 (PCT/US99/16228) [87] 2000-01-27 (WO00/04538) [30] US (60/093,424) 1998-07-20</p>	<p style="text-align: right;">[21] <b>2,336,598</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 1/38</b> [25] EN [54] <b>BASKET WITH INTEGRALLY-FORMED RECEPTACLE</b> [54] <b>PANIER AVEC LOGEMENT FACONNE DANS SA STRUCTURE</b> [72] WESHLER, BENJAMIN S., US [71] THE COCA-COLA COMPANY, US [85] 2001-01-03 [86] 1998-11-12 (PCT/US98/24054) [87] 2000-01-13 (WO00/01531) [30] US (60/091,739) 1998-07-06</p>
<p style="text-align: right;">[21] <b>2,336,586</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11B 19/02 7G11B 27/10</b> [25] EN [54] <b>DIGITAL VIDEO APPARATUS USER INTERFACE</b> [54] <b>INTERFACE UTILISATEUR POUR APPAREIL VIDEO NUMERIQUE</b> [72] MILLER, ROBERT HOWARD, US [72] RICH, MICHAEL DILLON, US [72] DESAI, PRATISH RATILAL, US [72] LEWIS, DEBBIE INDIRA, US [71] THOMSON CONSUMER ELECTRONICS, INC., US [85] 2001-01-04 [86] 1999-07-20 (PCT/US99/16380) [87] 2000-01-27 (WO00/04540) [30] US (60/093,345) 1998-07-20</p>	<p style="text-align: right;">[21] <b>2,336,591</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14</b> [25] EN [54] <b>ENERGIZING CIRCUIT FOR EAS MARKER DEACTIVATION DEVICE</b> [54] <b>CIRCUIT D'EXCITATION POUR DISPOSITIF DE DESACTIVATION DE MARQUEUR POUR SURVEILLANCE ELECTRONIQUE D'ARTICLES (EAS)</b> [72] ALICOT, JORGE FERNANDO, US [72] COPELAND, RICHARD L., US [72] LAMBETH, DAVID N., US [72] NARLOW, DOUGLAS A., US [71] SENSORMATIC ELECTRONICS CORPORATION, US [85] 2001-01-04 [86] 1999-07-02 (PCT/US99/14996) [87] 2000-01-13 (WO00/02173) [30] US (09/110,508) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,336,599</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 45/00 7A01N 33/12 7A01N 57/20 7A01N 25/30 7A01N 43/40 7A01N 37/42</b> [25] EN [54] <b>PLANT GROWTH REGULATING FORMULATIONS</b> [54] <b>FORMULATIONS SERVANT A REGULER LA CROISSANCE DE PLANTES</b> [72] PHARIS, RICHARD PERSONS, CA [72] RADEMACHER, WILHELM, DE [72] KING, RODERICK WHITFIELD, AU [72] MANDER, LEWIS NORMAN, AU [72] KOBER, REINER, DE [72] SCHNEIDER, KARL-HEINRICH, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2001-01-04 [86] 1999-07-02 (PCT/EP99/04592) [87] 2000-01-20 (WO00/02454) [30] EP (98112541.2) 1998-07-07</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,336,600</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22C 38/00</b> [25] EN [54] <b>MARTENSITIC STAINLESS STEEL FOR SEAMLESS STEEL PIPE</b> [54] <b>ACIER INOXYDABLE MARTENSITIQUE POUR TUYAU EN ACIER SANS SOUDURE</b> [72] TANIDA, MUTSUMI, JP [72] NAKANISHI, TETSUYA, JP [71] SUMITOMO METAL INDUSTRIES, LTD., JP [85] 2001-01-03 [86] 2000-05-17 (PCT/JP00/03151) [87] 2000-11-23 (WO00/70112) [30] JP (11/137782) 1999-05-18</p>	<p style="text-align: right;">[21] <b>2,336,603</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14 6G08B 13/24</b> [25] EN [54] <b>STABILIZING THE POSITION OF AN ACTIVE ELEMENT IN A MAGNETOMECHANICAL EAS MARKER</b> [54] <b>STABILISATION DE LA POSITION D'UN ELEMENT ACTIF SUR UN MARQUEUR POUR SURVEILLANCE ELECTRONIQUE D'ARTICLES (EAS) MAGNETOMECHANIQUE</b> [72] GADONNIEX, DENNIS M., US [72] LIAN, MING-REN, US [72] HO, WING K., US [72] O'HANDLEY, ROBERT C., US [72] LAMBETH, DAVID N., US [71] SENSORMATIC ELECTRONICS CORPORATION, US [85] 2001-01-03 [86] 1999-07-02 (PCT/US99/14995) [87] 2000-01-13 (WO00/02172) [30] US (09/110,497) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,336,605</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07F 9/16</b> [25] EN [54] <b>IMPROVED PREPARATIONS OF THIOPHOSPHITES AND THIOPHOSPHONATES</b> [54] <b>PREPARATIONS AMELIOREES DE THIOPHOSPHITES ET DE THIOPHOSPHONATES</b> [72] MCKENNA, CHARLES E., US [72] LI, ZENGMIN, US [71] THE UNIVERSITY OF SOUTHERN CALIFORNIA, US [85] 2001-01-03 [86] 2000-05-03 (PCT/US00/11940) [87] 2000-11-09 (WO00/66598) [30] US (09/304,252) 1999-05-03</p>
<p style="text-align: right;">[21] <b>2,336,601</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F02C 9/28</b> [25] EN [54] <b>SPEED MODIFICATION SYSTEM FOR GAS TURBINE ENGINE TO ALLOW TRIMMING OF EXCESS THRUST</b> [54] <b>SYSTEME DE MODIFICATION DE LA VITESSE POUR UN MOTEUR DE TURBINE A GAZ, DESTINE A PERMETTRE LA COMPENSATION DE L'EXCES DE POUSSEE</b> [72] SCHINGS, BRUCE GUNTER, US [72] KAMATH, DEEPAK MANOHAR, US [72] ROSENFELD, TAYLOR JOHNSON, US [71] GENERAL ELECTRIC COMPANY, US [85] 2001-01-04 [86] 2000-05-09 (PCT/US00/12663) [87] 2000-11-30 (WO00/71876) [30] US (60/136,013) 1999-05-26 [30] US (09/507,411) 2000-02-18</p>	<p style="text-align: right;">[21] <b>2,336,604</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 7/08 6A61C 7/36 6A61F 5/56</b> [25] EN [54] <b>A MANDIBULAR ADVANCEMENT DEVICE</b> [54] <b>DISPOSITIF DE DEPLACEMENT DE LA MANDIBULE VERS L'AVANT</b> [72] PALMISANO, RICHARD, GEORGE, AU [71] PALMISANO, RICHARD GEORGE, AU [85] 2001-01-04 [86] 1999-07-06 (PCT/AU99/00547) [87] 2000-01-13 (WO00/01317) [30] AU (PP 4505) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,336,606</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05B 19/404</b> [25] EN [54] <b>PROCESS AND SYSTEM FOR COMPENSATING STATIC ERRORS ON NUMERICALLY CONTROLLED MACHINE TOOLS</b> [54] <b>PROCEDE ET SYSTEME DE COMPENSATION D'ERREURS STATIQUES SUR DES MACHINES-OUTILS A COMMANDE NUMERIQUE</b> [72] MORFINO, GIUSEPPE, IT [71] FIDIA S.P.A., IT [85] 2001-01-05 [86] 1999-07-05 (PCT/IT99/00205) [87] 2000-01-20 (WO00/03312) [30] IT (TO98A000606) 1998-07-10</p>
<p style="text-align: right;">[21] <b>2,336,602</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/78 6A61K 31/70</b> [25] EN [54] <b>COMPANION ANIMAL THERAPEUTIC TREAT</b> [54] <b>FRIANDISE THERAPEUTIQUE POUR ANIMAUX DE COMPAGNIE</b> [72] COLLIN, PETER DONALD, US [71] COASTSIDE BIO RESOURCES, US [85] 2001-01-03 [86] 1999-07-06 (PCT/US99/15168) [87] 2000-01-13 (WO00/01399) [30] US (60/094,418) 1998-07-07 [30] US (60/137,699) 1999-06-07</p>	<p style="text-align: right;">[21] <b>2,336,607</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C05C 5/04 6C05C 5/02 6C01F 11/44</b> [25] EN [54] <b>METHOD FOR MANUFACTURING A CALCIUM NITRATE MELT AND PRODUCTS THEREOF</b> [54] <b>PROCEDE DE PRODUCTION DE PRODUITS FONDUS A BASE DE NITRATE DE CALCIUM</b> [72] OBRESTAD, TORSTEIN, NO [72] MOLAND, LARS GUSTAV, NO [71] NORSK HYDRO ASA, NO [85] 2001-01-03 [86] 1999-06-11 (PCT/NO99/00192) [87] 2000-01-20 (WO00/02831) [30] NO (19983156) 1998-07-08</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,336,608</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 11/263</b> [25] EN [54] <b>METHOD FOR DEFINING DURABLE DATA FOR REGRESSION TESTING</b> [54] <b>PROCEDE DE DEFINITION DE DONNEES DURABLES POUR L'ESSAI DE REGRESSION</b> [72] WALKER, JEFFREY, US [72] SLOVIK, ADAM, US [72] DIAB, SAMUEL, US [71] TENFOLD CORPORATION, US [85] 2001-01-05 [86] 1999-07-07 (PCT/US99/15356) [87] 2000-01-13 (WO00/02123) [30] US (09/111,049) 1998-07-07</p>	<p style="text-align: right;">[21] <b>2,336,611</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/22 7H04M 3/42</b> [25] EN [54] <b>RETAINING A DATA COMMUNICATION WHILE RESPONDING TO A PAGING NOTIFICATION</b> [54] <b>RETENUE D'UNE COMMUNICATION DE DONNEES EN VUE DE REPONDRE A UNE NOTIFICATION DE RECHERCHE DE PERSONNE</b> [72] FRID, LARS ANDERS, SE [72] ANDERSSON, LEIF GORAN, SE [72] KANNAS, CHRIS, SE [72] OLSSON, ULF INGEMAR, SE [72] BACKSTROM, MARTIN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-01-03 [86] 1999-07-02 (PCT/SE99/01211) [87] 2000-01-20 (WO00/03554) [30] US (09/111,175) 1998-07-08</p>	<p style="text-align: right;">[21] <b>2,336,613</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01Q 5/00 7H01Q 9/28 7H01Q 21/30</b> [25] EN [54] <b>MULTI-FREQUENCY BAND ANTENNA</b> [54] <b>ANTENNE A PLUSIEURS PLAGES DE FREQUENCE</b> [72] STOLLE, MANFRED, DE [71] KATHREIN-WERKE KG, DE [85] 2001-01-04 [86] 2000-05-04 (PCT/EP00/03999) [87] 2000-11-16 (WO00/69018) [30] DE (199 20 978.2) 1999-05-06 [30] DE (199 20 980.4) 1999-05-06</p>
<p style="text-align: right;">[21] <b>2,336,609</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01L 33/00 7G01N 21/35</b> [25] EN [54] <b>INFRARED LIGHT EMITTING DIODES</b> [54] <b>DIODES ELECTROLUMINESCENTES A INFRAROUGE</b> [72] CROWDER, JOHN GRAHAM, GB [72] SMITH, STANLEY DESMOND, GB [72] MANNHEIM, VOLKER PAUL, DE [72] ASHLEY, TIMOTHY, GB [71] THE SECRETARY OF STATE FOR DEFENCE, GB [85] 2001-01-03 [86] 1999-07-02 (PCT/GB99/02117) [87] 2000-01-13 (WO00/02263) [30] GB (9814462.9) 1998-07-04</p>	<p style="text-align: right;">[21] <b>2,336,612</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C07K 16/28 6G01N 33/68 6C07K 14/705</b> [25] EN [54] <b>INHIBITION OF VIRAL INFECTION AND SPREAD WITH VIRAL AND RHOA-DERIVED PEPTIDES</b> [54] <b>INHIBITION DE L'INFECTION ET DE LA PROPAGATION VIRALES AU MOYEN DE PEPTIDES VIRAUX ET DERIVES DE RHOA</b> [72] PASTEY, MANOJ, US [72] GRAHAM, BARNEY SCOTT, US [71] VANDERBILT UNIVERSITY, US [85] 2001-01-03 [86] 1999-06-03 (PCT/US99/12338) [87] 1999-12-09 (WO99/62932) [30] US (60/087,955) 1998-06-04 [30] US (09/129,565) 1998-08-05</p>	<p style="text-align: right;">[21] <b>2,336,615</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A46D 1/00 7A46B 15/00</b> [25] EN [54] <b>METHOD FOR PRODUCING BRUSHWARE AND BRUSHWARE PRODUCING ACCORDING TO SAID METHOD</b> [54] <b>PROCEDE DE PRODUCTION D'ARTICLES DE BROSSERIE ET ARTICLES DE BROSSERIE OBTENUS A L'AIDE DUDIT PROCEDE</b> [72] WEIHRAUCH, GEORG, DE [71] CORONET-WERKE GMBH, DE [85] 2001-01-03 [86] 1999-06-24 (PCT/EP99/04372) [87] 2000-01-13 (WO00/01275) [30] DE (198 29 943.5) 1998-07-04</p>
<p style="text-align: right;">[21] <b>2,336,610</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F27B 7/00 6B01J 8/08 6F23G 5/12 6F27B 9/14</b> [25] EN [54] <b>INDIRECT-FIRED, ALL CERAMIC PYROCHEMICAL REACTOR</b> [54] <b>REACTEUR PYROCHIMIQUE TOUT CERAMIQUE, A FEU INDIRECT</b> [72] WILLIS, HORACE E., JR., US [71] MERICHEM COMPANY, US [85] 2001-01-05 [86] 1998-07-10 (PCT/US98/14391) [87] 2000-01-20 (WO00/03188)</p>	<p style="text-align: right;">[21] <b>2,336,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21F 11/00</b> [25] EN [54] <b>FOAM PROCESS IMPLEMENTATION USING FUZZY CONTROLLERS</b> [54] <b>MISE EN OEUVRE D'UN PROCEDE DE MOUSSAGE AU MOYEN DE SYSTEMES ADAPTATIFS DE COMMANDE</b> [72] MURTONEN, MARKO, FI [72] PATARI, MARKO, FI [72] ROKMAN, KAY, FI [71] AHLSTROM GLASSFIBRE OY, FI [85] 2001-01-04 [86] 1999-06-30 (PCT/FI99/00579) [87] 2000-01-13 (WO00/01882) [30] US (09/110,857) 1998-07-07</p>	

## PCT Applications Entering the National Phase

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[21] **2,336,618**  
[13] A1

[51] **Int.Cl. 7A63C 9/00 7A63C 5/07**  
[25] EN  
[54] **DEVICE FOR CONNECTING A SNOW GLIDER TO THE BOOT OF A PERSON USING A SNOW GLIDER**  
[54] **SYSTEME PERMETTANT DE FIXER UN ACCESSOIRE DE GLISSE SUR LA CHAUSSURE DE L'UTILISATEUR**  
[72] HANGL, ANDREAS, CH  
[71] HANGL, ANDREAS, CH  
[85] 2001-01-03  
[86] 1999-12-02 (PCT/CH99/00578)  
[87] 2000-06-08 (WO00/32284)  
[30] CH (2392/98) 1998-12-02

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[21] **2,336,619**  
[13] A1

[51] **Int.Cl. 6C03C 3/062 6C03C 10/02 6C03C 3/095 6C03C 3/097**  
[25] EN  
[54] **TANTALUM CONTAINING GLASSES AND GLASS CERAMICS**  
[54] **VERRES ET VITROCERAMIQUES A BASE DE TANTALE**  
[72] DEJNEKA, MATTHEW J., US  
[72] BORRELLI, NICHOLAS F., US  
[72] BEALL, GEORGE H., US  
[72] AITKEN, BRUCE G., US  
[71] CORNING INCORPORATED, US  
[85] 2001-01-04  
[86] 1999-06-21 (PCT/US99/13971)  
[87] 2000-01-13 (WO00/01632)  
[30] US (60/091,814) 1998-07-06

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[21] **2,336,621**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **TELECOMMUNICATIONS SYSTEM AND CALL SET-UP METHOD**  
[54] **SYSTEME DE TELECOMMUNICATION ET PROCEDE D'ETABLISSEMENT DES COMMUNICATIONS**  
[72] BUPPELMANN, RALF, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-03  
[86] 1999-07-08 (PCT/EP99/04821)  
[87] 2000-01-20 (WO00/03555)  
[30] DE (198 31 086.2) 1998-07-10

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[21] **2,336,624**  
[13] A1

[51] **Int.Cl. 7A61K 41/00**  
[25] EN  
[54] **FARNESYL PROTEIN TRANSFERASE INHIBITORS WITH IN VIVO RADIOSENSITIZING PROPERTIES**  
[54] **INHIBITEURS DE FARNESYL PROTEINE TRANSFERASE A PROPRIETES DE RADIOSENSIBILISATION IN VIVO**  
[72] WOUTERS, WALTER BOUDEWIJN LEOPOLD, BE  
[72] VAN GINCKEL, ROBERT FRANCISCUS, BE  
[72] FLOREN, WIM JOANNA, BE  
[72] END, DAVID WILLIAM, US  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-01-03  
[86] 1999-06-30 (PCT/EP99/04545)  
[87] 2000-01-13 (WO00/01411)  
[30] EP (98202257.6) 1998-07-06  
[30] EP (98204330.9) 1998-12-18

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[21] **2,336,626**  
[13] A1

[51] **Int.Cl. 7G02B 6/42**  
[25] EN  
[54] **A HERMETICALLY SEALED PACKAGE AND METHOD OF ASSEMBLY**  
[54] **BOITIER A FERMETURE HERMETIQUE ET PROCEDE D'ASSEMBLAGE CORRESPONDANT**  
[72] CORNISH, ANDREW PAUL, GB  
[72] MARTIN, DARREN LEE, GB  
[72] YEANDLE, JONATHAN CHARLES, GB  
[71] BOOKHAM TECHNOLOGY PLC, GB  
[85] 2001-01-03  
[86] 1999-05-25 (PCT/GB99/01644)  
[87] 2000-01-13 (WO00/02079)  
[30] GB (9814643.4) 1998-07-06

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[21] **2,336,627**  
[13] A1

[51] **Int.Cl. 7G02F 1/025**  
[25] EN  
[54] **THERMO-OPTIC SEMICONDUCTOR DEVICE**  
[54] **DISPOSITIF A SEMICONDUCTEUR THERMO-OPTIQUE**  
[72] DAY, IAN EDWARD, GB  
[71] BOOKHAM TECHNOLOGY PLC, GB  
[85] 2001-01-03  
[86] 1999-06-28 (PCT/GB99/02016)  
[87] 2000-01-27 (WO00/04416)  
[30] GB (9815655.7) 1998-07-17

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[21] **2,336,630**  
[13] A1

[51] **Int.Cl. 7A61M 1/14 7A61M 37/00 7A61M 1/34**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CARDIOPLEGIA DELIVERY**  
[54] **APPAREIL ET PROCEDE D'ADMINISTRATION POUR CARDIOPLEGIE**  
[72] VAN DRIEL, MICHAEL, US  
[72] JOSEPH, RUSSELL, US  
[71] DIDECO S.P.A., IT  
[85] 2001-01-04  
[86] 2000-05-05 (PCT/US00/12482)  
[87] 2000-11-16 (WO00/67817)  
[30] US (09/305,941) 1999-05-06

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[21] **2,336,632**  
[13] A1

[51] **Int.Cl. 7A61M 1/14 7B29C 37/02 7H02K 15/09 7B28B 7/22 7A61M 1/34 7A61M 1/36**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR MANUFACTURING WOUND TUBE BUNDLES**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE FAISCEAUX DE TUBES ENROULES**  
[72] PERRINO, THOMAS, US  
[72] JOSEPH, RUSSELL, US  
[72] VAN DRIEL, MICHAEL, US  
[71] DIDECO S.P.A., IT  
[85] 2001-01-04  
[86] 2000-05-05 (PCT/US00/12483)  
[87] 2000-11-16 (WO00/67818)  
[30] US (09/306,141) 1999-05-06

## Demandes PCT entrant en phase nationale

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[21] **2,336,634**  
[13] A1  
[51] **Int.Cl. 7C07D 257/02 7C07D 221/00 7C07D 257/00 7C07D 473/00 7C07D 401/06 7C07D 471/06 7C07D 401/12 7C07D 403/12 7C07D 409/12 7A61K 31/395**  
[25] EN  
[54] **ANTIVIRAL MACROCYCLIC COMPOUNDS**  
[54] **COMPOSES ANTIVIRAUX MACROCYCLIQUES**  
[72] WANG, ZHONGREN, CA  
[72] SCHOLS, DOMINIQUE, BE  
[72] BRIDGER, GARY JAMES, US  
[72] BOEHRINGER, EVA MARIA, CA  
[72] BOGUCKI, DAVID EARL, CA  
[72] SKERLJ, RENATO TONY, US  
[71] ANORMED INC., CA  
[85] 2001-01-04  
[86] 1999-07-08 (PCT/CA99/00619)  
[87] 2000-01-20 (WO00/02870)  
[30] US (09/111,895) 1998-07-08

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[21] **2,336,635**  
[13] A1  
[51] **Int.Cl. 7A23L 1/236 7A23L 1/226 7A23L 2/60**  
[25] EN  
[54] **METHOD OF IMPROVING SWEETNESS DELIVERY OF SUCRALOSE**  
[54] **AMELIORATION DE L'EFFET EDULCORANT DE LA SUCRALOSE**  
[72] MERKEL, CAROLYN M., US  
[72] LINDLEY, MICHAEL G., GB  
[71] MCNEIL-PPC, INC., US  
[85] 2001-01-04  
[86] 1999-06-15 (PCT/US99/13466)  
[87] 2000-01-13 (WO00/01253)  
[30] US (60/091,888) 1998-07-07

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[21] **2,336,637**  
[13] A1  
[51] **Int.Cl. 7C08F 290/00 7C08F 20/36**  
[25] EN  
[54] **RADIATION-CURABLE POLYMER AND A COMPOSITION COMPRISING THIS POLYMER**  
[54] **POLYMERE DURCISSABLE PAR RADIATION ET COMPOSITION LE COMPRENANT**  
[72] VAN BENTHEM, RUDOLFUS ANTONIUS THEODORUS MARIA, NL  
[72] DIAS, AYLVIN JORGE ANGELO ATHANASIOS, NL  
[72] JANSEN, JOHAN FRANZ GRADUS ANTONIUS, NL  
[71] DSM N.V., NL  
[85] 2001-01-04  
[86] 1999-06-30 (PCT/NL99/00406)  
[87] 2000-01-13 (WO00/01749)  
[30] EP (98202236.0) 1998-07-06

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[21] **2,336,642**  
[13] A1  
[51] **Int.Cl. 7H02G 15/18**  
[25] EN  
[54] **A METHOD AND ARTICLE FOR ENCLOSING AN ELONGATE SUBSTRATE**  
[54] **PROCEDE ET ARTICLE SERVANT A ENFERMER UN SUBSTRAT ALLONGE**  
[72] VAN OVERMEIR, PETER, BE  
[72] LIETZKE, RALF, DE  
[72] OVERBERGH, NOEL, BE  
[72] VAN MEEUWEN, BART, BE  
[72] NOLF, JEAN-MARIE ETIENNE, BE  
[71] TYCO ELECTRONICS RAYCHEM NV, BE  
[85] 2001-01-05  
[86] 1999-06-25 (PCT/GB99/01995)  
[87] 2000-01-13 (WO00/02297)  
[30] GB (9814724.2) 1998-07-07  
[30] GB (9820606.3) 1998-09-22

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[21] **2,336,644**  
[13] A1  
[51] **Int.Cl. 7C09K 5/20 7C23F 11/16**  
[25] EN  
[54] **ANTIFREEZE CONCENTRATES AND COOLANT COMPOSITIONS CONTAINING THESE CONCENTRATES FOR COOLING CIRCUITS IN INTERNAL COMBUSTION ENGINES**  
[54] **ANTIGELS CONCENTRES ET COMPOSITIONS REFRIGERANTES LES CONTENANT, POUR CIRCUITS DE REFROIDISSEMENT DE MOTEURS A COMBUSTION INTERNE**  
[72] OPPENLANDER, KNUT, DE  
[72] GUNTHER, WOLFGANG, DE  
[72] PFITZNER, KLAUS, DE  
[72] GILLICH, MICHAEL, DE  
[72] MESZAROS, LADISLAUS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-01-04  
[86] 1999-07-08 (PCT/EP99/04819)  
[87] 2000-01-20 (WO00/02974)  
[30] DE (198 30 819.1) 1998-07-09

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[21] **2,336,645**  
[13] A1  
[51] **Int.Cl. 7A46B 11/00 7B43K 29/00 7B43K 5/02 7B67D 1/08 7A47L 1/08 7B67D 1/16 7A47L 13/26 7B67D 5/56 7B67D 5/60**  
[25] EN  
[54] **SEALANT APPLICATOR TIP AND APPLICATION METHOD**  
[54] **POINTE POUR APPLICATEUR DE SCELLANT ET PROCEDE D'APPLICATION**  
[72] LEVINSON, MITCHELL E., US  
[72] EPSTEIN, GORDON HOWARD, US  
[72] SPERO, RICHARD K., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2001-01-05  
[86] 1999-08-18 (PCT/US99/18868)  
[87] 2000-03-02 (WO00/10624)  
[30] US (60/096,940) 1998-08-18



## PCT Applications Entering the National Phase

[21] **2,336,646**  
[13] A1

[51] **Int.Cl. 6E21B 47/00**  
[25] EN  
[54] **COMBINATION SIDE POCKET MANDREL FLOW MEASUREMENT AND CONTROL ASSEMBLY**  
[54] **ENSEMBLE MANDRIN DE POCHE LATERALE COMBINE A REGULATION ET A MESURE DE DEBIT**  
[72] PRINGLE, RONALD E., US  
[72] REAUX, JAMES, US  
[71] CAMCO INTERNATIONAL INC., US  
[85] 2001-01-05  
[86] 1999-07-07 (PCT/US99/15357)  
[87] 2000-01-20 (WO00/03119)  
[30] US (09/112,030) 1998-07-08

[21] **2,336,647**  
[13] A1

[51] **Int.Cl. 7H01M 8/02 7H01M 8/10**  
[25] EN  
[54] **FLEXIBLE GRAPHITE COMPOSITE FOR USE IN THE FORM OF A FUEL CELL FLOW FIELD PLATE**  
[54] **COMPOSITE A BASE DE GRAPHITE FLEXIBLE, UTILE SOUS LA FORME D'UNE PLAQUE A CHAMP DE PROPAGATION DE FLUX DANS UNE PILE A COMBUSTIBLE**  
[72] GOUGH, JEFFREY JOHN, US  
[72] MERCURI, ROBERT ANGELO, US  
[71] UCAR CARBON TECHNOLOGY CORPORATION, US  
[85] 2001-01-05  
[86] 1999-07-06 (PCT/US99/12834)  
[87] 2000-01-13 (WO00/02277)  
[30] US (09/111,139) 1998-07-07

[21] **2,336,648**  
[13] A1

[51] **Int.Cl. 6H04R 25/00**  
[25] EN  
[54] **AN EAR WAX GUARD FOR AN IN-THE-EAR HEARING AID AND A MEANS FOR USE AT INSERTION AND REMOVAL HEREOF**  
[54] **PROTECTION DE CIRE D'OREILLE POUR PROTHESE AUDITIVE PLACEE DANS L'OREILLE ET DISPOSITIF UTILISE POUR L'INSERTION ET LE RETRAIT DE LA PROTHESE**  
[72] GUNNERSEN, FINN, DK  
[72] TOPHOLM, JAN, DK  
[71] TOPHOLM & WESTERMANN APS, DK  
[85] 2001-01-04  
[86] 1999-01-15 (PCT/DK99/00022)  
[87] 2000-01-20 (WO00/03561)  
[30] DK (PA 1998 00921) 1998-07-10

[21] **2,336,649**  
[13] A1

[51] **Int.Cl. 6B27N 3/04 6B27N 3/12**  
[25] EN  
[54] **METHOD FOR STEAM PRESSING COMPOSITE BOARD HAVING AT LEAST ONE FINISHED SURFACE**  
[54] **PROCEDE DE PRESSAGE SOUS INJECTION DE VAPEUR D'UN PANNEAU COMPOSITE COMPRENANT AU MOINS UNE SURFACE FINIE**  
[72] WALSH, PETE, US  
[72] MOEHR, KELLY, US  
[72] BONOMO, BRIAN, US  
[72] VERGARA, ALEX, US  
[72] MERRELL, MICHELLE, US  
[71] MASONITE CORPORATION, US  
[85] 2001-01-05  
[86] 1999-07-08 (PCT/US99/15711)  
[87] 2000-01-20 (WO00/02717)  
[30] US (09/111,521) 1998-07-08

[21] **2,336,650**  
[13] A1

[51] **Int.Cl. 7A61F 2/06 7A61L 31/00**  
[25] EN  
[54] **MEDICAL DEVICE WITH POROUS SURFACE FOR CONTROLLED DRUG RELEASE AND METHOD OF MAKING THE SAME**  
[54] **DISPOSITIF MEDICAL A SURFACE POREUSE POUR LA LIBERATION CONTROLEE DE MEDICAMENTS ET PROCEDE DE FABRICATION DUDIT DISPOSITIF**  
[72] DING, NI, US  
[71] SCHNEIDER (USA) INC., US  
[85] 2001-01-04  
[86] 1999-07-06 (PCT/US99/15237)  
[87] 2000-01-13 (WO00/01322)  
[30] US (09/110,697) 1998-07-07

[21] **2,336,651**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **VALUE-INSTANCE-CONNECTIVITY COMPUTER-IMPLEMENTED DATABASE**  
[54] **BASE DE DONNEES INFORMATIQUE VALEUR-INSTANCE-CONNECTIVITE**  
[72] TARIN, STEPHEN A., US  
[71] REQUIRED TECHNOLOGIES, INC., US  
[85] 2001-01-04  
[86] 1999-07-08 (PCT/US99/15431)  
[87] 2000-01-20 (WO00/03335)  
[30] US (09/112,078) 1998-07-08

[21] **2,336,652**  
[13] A1

[51] **Int.Cl. 6C22B 3/06 6C22B 26/22**  
[25] EN  
[54] **A METHOD FOR ISOLATION AND PRODUCTION OF MAGNESIUM METAL, MAGNESIUM CHLORIDE, MAGNESITE AND MAGNESIUM BASED PRODUCTS**  
[54] **PROCEDE D'ISOLATION ET DE PRODUCTION D'UN METAL MAGNESIUM, D'UN CHLORURE DE MAGNESIUM, DE MAGNESITE ET DE PRODUITS A BASE DE MAGNESIUM**  
[72] BALLOU, BRIAN J., NO  
[71] CREW DEVELOPMENT CORPORATION, NO  
[85] 2001-01-05  
[86] 1998-08-14 (PCT/NO98/00241)  
[87] 2000-01-20 (WO00/03044)  
[30] NO (983150) 1998-07-08

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,336,653</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 30/04</b> [25] EN [54] <b>THE CONTROL OF TOYS AND DEVICES BY SOUNDS</b> [54] <b>JOUETS ET DISPOSITIFS COMMANDES PAR DES SONS</b> [72] ATSMON, ALON, IL [72] ANTEBI, AMIT, IL [71] COMSENSE TECHNOLOGIES, LTD., IL [85] 2001-01-04 [86] 1998-09-16 (PCT/IL98/00450) [87] 2000-01-13 (WO00/01456) [30] IL (125221) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,336,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01V 1/48</b> [25] EN [54] <b>SEMBLANCE PROCESSING FOR AN ACOUSTIC MEASUREMENT-WHILE-DRILLING SYSTEM FOR IMAGING OF FORMATION BOUNDARIES</b> [54] <b>TRAITEMENT DE LA SIMILARITE DES DONNEES POUR UN SYSTEME DE MESURE ACOUSTIQUE ET FORAGE SIMULTANE, PERMETTANT L'IMAGERIE DES LIMITES DE FORMATIONS</b> [72] LEGGETT, JAMES V. III, US [72] DUBINSKY, VLADIMIR, US [72] BOLSHAKOV, ALEXEI, US [71] BAKER HUGHES INCORPORATED, US [85] 2001-01-05 [86] 1999-07-08 (PCT/US99/15622) [87] 2000-01-20 (WO00/03269) [30] US (09/112,255) 1998-07-08</p>	<p style="text-align: right;">[21] <b>2,336,657</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 233/61</b> [25] EN [54] <b>METHOD FOR PRODUCING CARBONYL DIIMIDAZOLES</b> [54] <b>PROCEDE DE PREPARATION DE DIIMIDAZOLES DE CARBONYLE</b> [72] HENKELMANN, JOCHEM, DE [72] STAMM, ARMIN, DE [71] BASF AKTIENGESSELLSCHAFT, DE [85] 2001-01-05 [86] 1999-07-06 (PCT/EP99/04729) [87] 2000-01-20 (WO00/02863) [30] DE (198 30 556.7) 1998-07-08</p>
<p style="text-align: right;">[21] <b>2,336,654</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/70</b> [25] EN [54] <b>PLASTER WHICH CONTAINS STEROIDS, AND A METHOD FOR THE PRODUCTION AND USE THEREOF</b> [54] <b>EMPLATRE CONTENANT DES STEROIDES, PROCEDE PERMETTANT DE LE PRODUIRE ET SON UTILISATION</b> [72] BERTHOLD, ACHIM, DE [72] MULLER, WALTER, DE [71] LTS LOHMANN THERAPIE-SYSTEME AG, DE [85] 2001-01-05 [86] 1999-07-07 (PCT/EP99/04756) [87] 2000-01-20 (WO00/02540) [30] DE (198 30 651.2) 1998-07-09</p>	<p style="text-align: right;">[21] <b>2,336,656</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00</b> [25] EN [54] <b>USE OF COMPOSITION COMPRISING AT LEAST ONE SUBSTANCE WITHIN THE GROUP GNRH-ANALOGUES FOR TREATMENT OF OBSESSIVE-COMPULSIVE DISORDER (OCD)</b> [54] <b>UTILISATION D'UNE COMPOSITION RENFERMANT AU MOINS UNE SUBSTANCE SELECTIONNEE DANS LE GROUPE DES ANALOGUES DE LA GNRH POUR LE TRAITEMENT DES TROUBLES OBSESSIONNELS IMPULSIFS</b> [72] ERIKSSON, TOMAS, SE [71] LAKARTJANSTER I VASTSVERIGE AB, SE [85] 2001-01-04 [86] 1999-07-05 (PCT/SE99/01218) [87] 2000-01-13 (WO00/01403) [30] SE (9802438-3) 1998-07-07</p>	<p style="text-align: right;">[21] <b>2,336,658</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/50 7C11D 3/00 7C07D 295/13 7C07C 251/14</b> [25] EN [54] <b>AMINE REACTION COMPOUNDS COMPRISING ONE OR MORE ACTIVE INGREDIENT</b> [54] <b>COMPOSES DE REACTION D'AMINE CONTENANT UN OU PLUSIEURS INGREDIENTS ACTIFS</b> [72] SMETS, JOHAN, BE [72] PERNEEL, PETER MARIE KAMIEL, BE [72] SANCHEZ-PENA, MARIA MONTERRAT, BE [72] BETTIOL, JEAN-LUC PHILIPPE, BE [72] LAUDAMIEL, CHRISTOPHE, BE [72] BUSCH, ALFRED, BE [72] DENUTTE, HUGO, BE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-01-04 [86] 1999-07-12 (PCT/US99/15665) [87] 2000-01-20 (WO00/02991) [30] EP (98870156.1) 1998-07-10 [30] EP (98870227.0) 1998-10-28</p>
		<p style="text-align: right;">[21] <b>2,336,659</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 69/00</b> [25] EN [54] <b>TRAINING APPARATUS FOR SKATERS</b> [54] <b>APPAREIL D'ENTRAINEMENT POUR PATINEURS</b> [72] BULLOCH, RON C., US [71] BULLOCH, RON C., US [85] 2001-01-05 [86] 1999-07-07 (PCT/US99/15293) [87] 2000-01-13 (WO00/01450) [30] US (09/111,014) 1998-07-07</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,336,660</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21H 17/69</b> [25] EN [54] <b>THE USE OF MODIFIED STARCH PRODUCTS AS RETENTION AGENTS IN THE PRODUCTION OF PAPER</b> [54] <b>UTILISATION D'AMIDONS MODIFIES EN TANT QU'AGENTS DE RETENTION DANS LA FABRICATION DE PAPIER</b> [72] HARTAN, HANS-GEORG, DE [72] SCHULTE, JOHANN, DE [72] FISCHER, ULRICH, DE [72] WERRES, JOACHIM, DE [71] STOCKHAUSEN GMBH &amp; CO. KG, DE [85] 2001-01-04 [86] 1999-07-15 (PCT/EP99/05054) [87] 2000-01-27 (WO00/04229) [30] DE (198 32 241.0) 1998-07-17</p>	<p style="text-align: right;">[21] <b>2,336,662</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 235/08 7C08F 20/36</b> [25] EN [54] <b>RADIATION-CURABLE COMPOUND</b> [54] <b>COMPOSE DURCISSABLE PAR RADIATION</b> [72] DIAS, AYLVIN JORGE ANGELO ATHANASIOS, NL [72] TIJSEN, PASCAL MARIA HUBERT PIERRE, NL [72] JANSEN, JOHAN FRANZ GRADUS ANTONIUS, NL [71] DSM N.V., NL [85] 2001-01-04 [86] 1999-06-30 (PCT/NL99/00407) [87] 2000-01-13 (WO00/01664) [30] EP (98202237.8) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,336,665</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62D 55/14</b> [25] EN [54] <b>TRACK APPARATUS INCORPORATING CANTILEVER MOUNTED WHEELS</b> [54] <b>DISPOSITIF A CHENILLE COMPRENANT DES ROUES MONTEES EN PORTE-A-FAUX</b> [72] JUNCKER, KENNETH J., US [72] WITT, DOUG, US [72] KELDERMAN, GARY L., US [71] AGTRACKS, INC., US [85] 2001-01-05 [86] 1999-07-08 (PCT/US99/15360) [87] 2000-01-20 (WO00/02768) [30] US (09/113,179) 1998-07-10</p>
<p style="text-align: right;">[21] <b>2,336,661</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/78</b> [25] EN [54] <b>INCLUSION OF APOPTOTIC REGULATORS IN SOLUTIONS FOR CELL STORAGE AT LOW TEMPERATURE</b> [54] <b>INCLUSION DE REGULATEURS D'APOPTOSE DANS DES SOLUTIONS DE STOCKAGE DE CELLULES A BASSE TEMPERATURE</b> [72] BAUST, JOHN M., US [72] BAUST, JOHN G., US [72] VAN BUSKIRK, ROBERT G., US [72] MATHEW, ABY, US [71] BIOLIFE SOLUTIONS, INC., US [85] 2001-01-05 [86] 1999-07-09 (PCT/US99/15438) [87] 2000-01-20 (WO00/02572) [30] US (60/092,239) 1998-07-09 [30] US (09/283,756) 1999-04-02</p>	<p style="text-align: right;">[21] <b>2,336,663</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/765</b> [25] EN [54] <b>COUMARIN AND RELATED AROMATIC-BASED POLYMERIC PRODRUGS</b> [54] <b>COUMARINE ET PROMEDICAMENTS POLYMERES APPARENTES A BASE AROMATIQUE</b> [72] CHOE, YUN H., US [72] PENDRI, ANNAPURNA, US [72] GREENWALD, RICHARD B., US [71] ENZON, INC., US [85] 2001-01-05 [86] 1999-07-12 (PCT/US99/15652) [87] 2000-01-20 (WO00/02568) [30] US (09/114,860) 1998-07-13</p>	<p style="text-align: right;">[21] <b>2,336,667</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05B 13/02</b> [25] EN [54] <b>METHOD FOR OPERATING A CONTROL SYSTEM AND AN APPARATUS FOR USING THIS METHOD</b> [54] <b>PROCEDE POUR ACTIONNER UN SYSTEME DE REGULATION ET DISPOSITIF POUR UTILISER CE PROCEDE</b> [72] JUNK, RAINER, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-01-05 [86] 1999-07-02 (PCT/DE99/02057) [87] 2000-01-13 (WO00/02103) [30] DE (198 30 341.6) 1998-07-07</p>
<p style="text-align: right;">[21] <b>2,336,664</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/122</b> [25] EN [54] <b>INTEGRATED OPTICAL DEVICE PROVIDING ATTENUATION OF STRAY LIGHT</b> [54] <b>DISPOSITIF OPTIQUE INTEGRE D'ATTENUATION</b> [72] BAXTER, STEPHEN MARK, GB [72] MCKENZIE, JAMES STUART, GB [71] BOOKHAM TECHNOLOGY PLC, GB [85] 2001-01-04 [86] 1999-07-06 (PCT/GB99/02012) [87] 2000-01-13 (WO00/02071) [30] GB (9814764.8) 1998-07-07</p>	<p style="text-align: right;">[21] <b>2,336,668</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 27/08 7B65D 65/40</b> [25] EN [54] <b>MULTILAYERED, SYMMETRICAL, NON-CURLING COEXTRUDED DEEP-DRAWN FOIL</b> [54] <b>FEUILLE A EMBOUTIR COEXTRUDEE, SYMETRIQUE, A PLUSIEURS COUCHES ET N'AYANT PAS TENDANCE A S'ENROULER</b> [72] KASCHEL, GREGOR, DE [71] WOLFF WALSRÖDE AG, DE [85] 2001-01-05 [86] 1999-06-29 (PCT/EP99/04479) [87] 2000-01-20 (WO00/02724) [30] DE (198 30 977.5) 1998-07-10</p>	

## Demandes PCT entrant en phase nationale

[21] **2,336,669**  
[13] A1

[51] **Int.Cl. 7C09D 4/00 7C07C 233/00 7C09D 167/06 7C08F 220/36**  
[25] EN  
[54] **POWDER PAINT BINDER COMPOSITION**  
[54] **COMPOSITION DE LIANT DE PEINTURE EN POWDRE**  
[72] JANSEN, JOHAN FRANZ GRADUS ANTONIUS, NL  
[72] UDDING-LOUWRIER, SASKIA, NL  
[72] VAN BENTHEM, RUDOLFUS ANTONIUS THEODORUS MARIA, NL  
[72] DIAS, AYLVIN JORGE ANGELO ATHANASIUS, NL  
[71] DSM N.V., NL  
[85] 2001-01-04  
[86] 1999-06-30 (PCT/NL99/00408)  
[87] 2000-01-13 (WO00/01772)  
[30] EP (98202239.4) 1998-07-06

[21] **2,336,670**  
[13] A1

[51] **Int.Cl. 7H01J 37/317 7G03F 9/00 7H01J 37/28 7H01J 37/304**  
[25] EN  
[54] **INTEGRATED MICROCOLUMN AND SCANNING PROBE MICROSCOPE ARRAYS**  
[54] **ENSEMBLE COMPOSE D'UNE MICROCOLONNE ET D'UN MICROSCOPE-SONDE A BALAYAGE**  
[72] KIM, HO-SEOB, KR  
[72] MURAY, LAWRENCE P., US  
[72] CHANG, T. H. PHILIP, US  
[71] ETEC SYSTEMS, INC., US  
[85] 2001-01-04  
[86] 2000-05-04 (PCT/US00/12241)  
[87] 2000-11-09 (WO00/67290)  
[30] US (09/305,975) 1999-05-05

[21] **2,336,671**  
[13] A1

[51] **Int.Cl. 7C07C 65/11 7C07C 51/43**  
[25] EN  
[54] **CRYSTAL OF 2-HYDROXYNAPHTHALENE-3-CARBOXYLIC ACID AND PROCESS FOR THE PREPARATION THEREOF**  
[54] **CRISTAL D'ACIDE 2-HYDROXYNAPHTHALENE-3-CARBOXYLIQUE ET SON PROCEDE DE PREPARATION**  
[72] UENO, RYUZO, JP  
[72] KITAYAMA, MASAYA, JP  
[72] IZUMICHI, NOBUTAKA, JP  
[72] KATO, HIROYUKI, JP  
[71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP  
[85] 2001-01-05  
[86] 2000-05-01 (PCT/JP00/02862)  
[87] 2000-11-16 (WO00/68177)  
[30] JP (11/127158) 1999-05-07

[21] **2,336,672**  
[13] A1

[51] **Int.Cl. 6A61F 13/78**  
[25] EN  
[54] **A DIAPER THAT INCLUDES WELDABLE FASTENER DEVICES**  
[54] **COUCHE COMPRENANT DES DISPOSITIFS DE FIXATION SOUDABLES**  
[72] LAKSO, ELISABETH, SE  
[72] JONBRINK, ANNA-KARIN, SE  
[72] STRALIN, ANDERS, SE  
[72] SILVERSTRAND, ANDERS, SE  
[72] EKDAHL, JOAKIM (DECEASED), SE  
[72] SIMMONS, EVA, SE  
[72] NURMI, HANNELE, SE  
[71] SCA HYGIENE PRODUCTS AB, SE  
[85] 2001-01-04  
[86] 1999-07-01 (PCT/SE99/01199)  
[87] 2000-01-13 (WO00/01339)  
[30] SE (9802429-2) 1998-07-06

[21] **2,336,673**  
[13] A1

[51] **Int.Cl. 7C07C 65/24 7C08G 69/40 7C07C 237/42 7C07C 311/46 7C07C 235/66 7C08G 63/668 7C07C 69/76 7C07D 213/79 7C07D 277/82**  
[25] EN  
[54] **NOVEL COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] UENO, RYUZO, JP  
[72] MORI, NAKO, JP  
[72] WAKAMORI, HIROYUKI, JP  
[72] MINAMI, KENJI, JP  
[72] KITAYAMA, MASAYA, JP  
[71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP  
[85] 2001-01-05  
[86] 2000-05-01 (PCT/JP00/02861)  
[87] 2000-11-16 (WO00/68178)  
[30] JP (11/127166) 1999-05-07

[21] **2,336,674**  
[13] A1

[51] **Int.Cl. 6E01C 11/06**  
[25] EN  
[54] **PROCESS FOR THE ARTICULATED IMBRICATION OF CONCRETE SLABS [(IN SITU)]**  
[54] **PROCEDE D'EMBOITEMENT ARTICULE ENTRE LES DALLES EN BETON SUR PLACE**  
[72] VAZQUEZ RUIZ DEL ARBOL, JOSE RAMON, ES  
[71] VAZQUEZ RUIZ DEL ARBOL, JOSE RAMON, ES  
[85] 2001-01-05  
[86] 1999-07-06 (PCT/ES99/00213)  
[87] 2000-01-13 (WO00/01890)  
[30] ES (P 9801429) 1998-07-07

[21] **2,336,675**  
[13] A1

[51] **Int.Cl. 7A45D 29/00 7B65D 83/04**  
[25] EN  
[54] **APPARATUS FOR DISPENSING A POROUS CARRIER**  
[54] **DISPOSITIF DE DISTRIBUTION D'UN SUPPORT POREUX**  
[72] WILLEMSSEN, LOUIS RINZE HENRICUS ADRIANUS, NL  
[71] WEASY PACK B.V., NL  
[85] 2001-01-04  
[86] 1999-07-05 (PCT/NL99/00420)  
[87] 2000-01-13 (WO00/01271)  
[30] NL (1009581) 1998-07-07

## PCT Applications Entering the National Phase

[21] **2,336,676**  
[13] A1

[51] **Int.Cl. 7B32B 27/34 7B32B 27/32**  
[25] EN  
[54] **MULTILAYERED, COEXTRUDED, HEAT-STABLE DEEP-DRAWING FOIL FOR PACKAGING**  
[54] **FEUILLE A EMBOUTIR COEXTRUDEE, STABLE A LA CHALEUR ET A PLUSIEURS COUCHES, DESTINEE A ETRE UTILISEE POUR DES EMBALLAGES**  
[72] KASCHEL, GREGOR, DE  
[71] WOLFF WALSRÖDE AG, DE  
[85] 2001-01-05  
[86] 1999-06-29 (PCT/EP99/04481)  
[87] 2000-01-20 (WO00/02726)  
[30] DE (198 30 976.7) 1998-07-10

[21] **2,336,677**  
[13] A1

[51] **Int.Cl. 7E02F 9/28 7E21C 35/197**  
[25] EN  
[54] **CUTTING TOOL RETAINER**  
[54] **ORGANE DE RETENUE POUR OUTIL COUPANT**  
[72] BEACH, WAYNE H., US  
[72] STIFFLER, STEPHEN P., US  
[72] RITCHEY, CARY D., US  
[71] KENNAMETAL INC., US  
[85] 2001-01-04  
[86] 1999-06-18 (PCT/US99/13642)  
[87] 2000-01-27 (WO00/04243)  
[30] US (09/115,985) 1998-07-15

[21] **2,336,678**  
[13] A1

[51] **Int.Cl. 7C02F 1/36 7B01J 19/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TREATING LIQUID WITH ULTRASONIC VIBRATIONS**  
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE LIQUIDE PAR VIBRATIONS ULTRASONIQUES**  
[72] POSCHL, ULRICH, DE  
[71] POSCHL, ULRICH, DE  
[85] 2001-01-04  
[86] 1999-07-06 (PCT/EP99/04739)  
[87] 2000-01-13 (WO00/01620)  
[30] DE (198 30 132.4) 1998-07-06

[21] **2,336,679**  
[13] A1

[51] **Int.Cl. 7H04N 7/16 7H04N 7/173 7H04N 5/445**  
[25] EN  
[54] **NAVIGATION SYSTEM FOR A MULTICHANNEL DIGITAL TELEVISION SYSTEM**  
[54] **SYSTEME DE NAVIGATION POUR SYSTEME DE TELEVISION NUMERIQUE A PLUSIEURS CANAUX**  
[72] AGASSE, BERNARD, FR  
[71] CANAL + SOCIETE ANONYME, FR  
[85] 2001-01-04  
[86] 1999-07-20 (PCT/IB99/01350)  
[87] 2000-02-03 (WO00/05886)  
[30] EP (98401837.4) 1998-07-20

[21] **2,336,681**  
[13] A1

[51] **Int.Cl. 7H04N 7/16 7H04N 7/173 7H04N 5/445**  
[25] EN  
[54] **NAVIGATION SYSTEM FOR A MULTICHANNEL DIGITAL TELEVISION SYSTEM**  
[54] **SYSTEME DE NAVIGATION POUR SYSTEME DE TELEVISION NUMERIQUE A CANAUX MULTIPLES**  
[72] AGASSE, BERNARD, FR  
[71] CANAL + SOCIETE ANONYME, FR  
[85] 2001-01-04  
[86] 1999-07-20 (PCT/IB99/01356)  
[87] 2000-02-03 (WO00/05887)  
[30] EP (98401837.4) 1998-07-20

[21] **2,336,683**  
[13] A1

[51] **Int.Cl. 6B29C 45/28 6B29C 45/16**  
[25] EN  
[54] **VALVE GATING APPARATUS AND METHOD FOR INJECTION MOLDING**  
[54] **DISPOSITIF D'ENTREE A OBTURATEUR ET PROCEDE DE MOULAGE PAR INJECTION**  
[72] MAI, ARNOLD, DE  
[72] LAUSENHAMMER, MANFRED, DE  
[72] SCHAD, ROBERT D., CA  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2001-01-04  
[86] 1999-02-15 (PCT/CA99/00131)  
[87] 1999-08-26 (WO99/42274)  
[30] US (60/075,193) 1998-02-19  
[30] US (09/030,593) 1998-02-25

[21] **2,336,686**  
[13] A1

[51] **Int.Cl. 7H04J 11/00**  
[25] EN  
[54] **COMMUNICATION DEVICE AND COMMUNICATION METHOD**  
[54] **DISPOSITIF ET PROCEDE DE COMMUNICATION**  
[72] KIMURA, TORU, JP  
[72] MATSUMOTO, WATARU, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2001-01-04  
[86] 2000-05-29 (PCT/JP00/03433)  
[87] 2000-12-28 (WO00/79717)  
[30] JP (11/171026) 1999-06-17

[21] **2,336,687**  
[13] A1

[51] **Int.Cl. 7C22F 1/05 7C22F 1/043 7C22F 1/047**  
[25] EN  
[54] **PROCESS FOR PRODUCING HEAT-TREATABLE SHEET ARTICLES**  
[54] **PROCEDE DE PRODUCTION D'ARTICLES EN TOLE TRAITABLES A CHAUD**  
[72] MAROIS, PIERRE HENRI, CA  
[72] GUPTA, ALOK KUMAR, CA  
[71] ALCAN INTERNATIONAL LIMITED, CA  
[85] 2001-01-04  
[86] 1999-07-07 (PCT/CA99/00618)  
[87] 2000-01-20 (WO00/03052)  
[30] US (60/092,051) 1998-07-08

[21] **2,336,688**  
[13] A1

[51] **Int.Cl. 7H04N 5/445**  
[25] EN  
[54] **ELECTRONIC PROGRAM GUIDE USING MARKUP LANGUAGE**  
[54] **GUIDE DE PROGRAMMATION ELECTRONIQUE UTILISANT UN LANGAGE DE BALISAGE**  
[72] LEMMONS, THOMAS R., US  
[72] ZARING, JON C., US  
[71] UNITED VIDEO PROPERTIES, INC., US  
[85] 2001-01-04  
[86] 1999-06-24 (PCT/US99/14332)  
[87] 2000-01-13 (WO00/02385)  
[30] US (60/091,975) 1998-07-07  
[30] US (09/227,358) 1999-01-08

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,336,689</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07G 17/00 7C10M 163/00 7C10M 159/24</b> [25] EN [54] <b>ALKALINE EARTH ALKYLARYL SULFONATES, THEIR APPLICATION AS AN ADDITIVE FOR LUBRICATING OIL, AND METHODS OF PREPARATION</b> [54] <b>ALKYLARYLSULFONATES ALCALINO-TERREUX, LEUR APPLICATION EN TANT QU'ADDITIFS POUR HUILES LUBRIFIANTES ET LEURS PROCEDES DE PREPARATION</b> [72] LE COENT, JEAN-LOUIS, FR [71] CHEVRON ORONITE S.A., FR [85] 2001-01-04 [86] 2000-06-06 (PCT/IB00/00916) [87] 2000-12-21 (WO00/77015) [30] EP (99401417.3) 1999-06-10</p>	<p style="text-align: center;">[21] <b>2,336,695</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C04B 35/38 7C22C 29/02 7H05B 3/14 7C22C 29/18 7C04B 35/565</b> [25] EN [54] <b>HIGH-TEMPERATURE STRENGTH AND HEAT-RESISTANT COMPOSITE MATERIAL "REFSIC"</b> [54] <b>MATERIAU COMPOSITE RESISTANT AUX HAUTES TEMPERATURES ET THERMORESISTANT "REFSIC"</b> [72] GNESIN, BORIS ABRAMOVICH, RU [72] GURZHIYANTS, PAVEL ARTEMOVICH, RU [71] INSTITUT FIZIKI TVERDOGO TELA ROSSIISKOI AKADEMII NAUK, RU [85] 2001-01-04 [86] 1999-07-05 (PCT/RU99/00221) [87] 2000-01-13 (WO00/01637) [30] RU (98114123) 1998-07-07</p>	<p style="text-align: center;">[21] <b>2,336,699</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/24</b> [25] EN [54] <b>METHOD OF SHARING CAPABILITIES INFORMATION BETWEEN THE NODES OF A TELECOMMUNICATIONS NETWORK</b> [54] <b>PROCEDE PERMETTANT DE PARTAGER DES DONNEES DE CAPACITES ENTRE LES NOEUDS D'UN RESEAU DE TELECOMMUNICATION</b> [72] SEGURA, LOUIS, CA [72] ROSENZWEIG, BENITA, CA [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-01-04 [86] 1999-06-22 (PCT/SE99/01128) [87] 2000-01-13 (WO00/02350) [30] US (09/111,072) 1998-07-07</p>
<p style="text-align: center;">[21] <b>2,336,692</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01F 11/00</b> [25] EN [54] <b>VESSEL FOR CONTAINING/ TRANSPORTING A FLUENT SUBSTANCE</b> [54] <b>APPAREIL CONTENANT/ TRANSPORTANT UNE SUBSTANCE FLUIDE</b> [72] NEAS, EDWIN D., US [72] TEMPLAR, DENNIS L., US [71] NEAS, EDWIN D., US [71] TEMPLAR, DENNIS L., US [85] 2001-01-04 [86] 1999-07-30 (PCT/US99/17280) [87] 2000-02-10 (WO00/06976) [30] US (60/094,830) 1998-07-31 [30] US (60/094,831) 1998-07-31 [30] US (60/094,896) 1998-07-31</p>	<p style="text-align: center;">[21] <b>2,336,697</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C03B 13/08 7C03B 23/02 7C03B 13/14 7C03B 13/16</b> [25] EN [54] <b>SHAPING TOOL WITH A STRUCTURED SURFACE FOR PRODUCING STRUCTURES ON GLASS, AND THE APPLICATION THEREOF FOR STRUCTURING CHANNEL PLATES</b> [54] <b>OUTIL DE FORMAGE A SURFACE STRUCTUREE POUR PRODUIRE DES STRUCTURES SUR DU VERRE, ET UTILISATION DUDIT OUTIL POUR STRUCTURER DES PANNEAUX CANNELES</b> [72] SINGER, RUDOLF, DE [72] BAUM, CHRISTIANE, DE [72] DISAM, JOACHIM, DE [71] SCHOTT GLAS, DE [85] 2001-01-04 [86] 1999-10-08 (PCT/EP99/07545) [87] 2000-04-20 (WO00/21894) [30] DE (198 47 549.7) 1998-10-15</p>	<p style="text-align: center;">[21] <b>2,336,700</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 7/26 7G06F 3/00 7G06F 13/00 7H04M 11/00 7G06F 17/30</b> [25] EN [54] <b>MOBILE COMMUNICATION TERMINAL</b> [54] <b>TERMINAL DE COMMUNICATION MOBILE</b> [72] NAKATSUCHI, MASAHARU, JP [72] YAMAMOTO, MASAOKI, JP [72] CHIBA, KOUJI, JP [72] WATANABE, YUKO, JP [71] NTT DOCOMO, INC., JP [85] 2001-01-04 [86] 2000-05-15 (PCT/JP00/03105) [87] 2000-11-23 (WO00/70794) [30] JP (11/134895) 1999-05-14</p>

## PCT Applications Entering the National Phase

<p>[21] <b>2,336,702</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 311/21 7C07D 409/04 7C07D 241/12 7C07D 295/12 7A61K 31/18 7C07D 207/26 7C07C 311/29 7A61K 31/33</b> [25] EN [54] <b>SULFONYLAMINO CARBOXYLIC ACID N-ARYLAMIDES AS GUANYLATE CYCLASE ACTIVATORS</b> [54] <b>N-ARYLAMIDES D'ACIDE SULFONYLAMINOCARBOXYLIQUE UTILISES COMME ACTIVATEURS DE LA GUANYLATE CYCLASE</b> [72] SCHONAFINGER, KARL, DE [72] STROBEL, HARTMUT, DE [72] SCHINDLER, URSULA, DE [71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE [85] 2001-01-05 [86] 1999-06-25 (PCT/EP99/04427) [87] 2000-01-20 (WO00/02850) [30] DE (198 30 431.5) 1998-07-08</p>	<p>[21] <b>2,336,782</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B03C 3/013</b> [25] EN [54] <b>COMPOSITION AND METHOD FOR FLUE GAS CONDITIONING</b> [54] <b>COMPOSITION ET PROCEDE POUR LE CONDITIONNEMENT DES GAZ DE COMBUSTION</b> [72] DURHAM, MICHAEL DEAN, US [72] BISQUE, RAMON EDWARD, US [72] BALDREY, KENNETH EUGENE, US [72] JACKSON, DOUGLAS W., US [71] ADA ENVIRONMENTAL SOLUTIONS, LLC, US [85] 2001-01-08 [86] 2000-06-16 (PCT/US00/16615) [87] 2000-12-28 (WO00/78463) [30] US (09/335,428) 1999-06-17</p>	<p>[21] <b>2,336,790</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/00</b> [25] EN [54] <b>OPTICAL PULSE GENERATION USING A HIGH ORDER FUNCTION WAVEGUIDE INTERFEROMETER</b> [54] <b>PRODUCTION D'IMPULSION OPTIQUE UTILISANT UN INTERFEROMETRE A GUIDE D'ONDES A FONCTION D'ORDRE ELEVE</b> [72] GRYK, THOMAS JOSEPH, US [72] KISSA, KARL M., US [72] MCBRIEN, GREGORY J., US [72] HALLEMEIR, PETER, US [71] JDS UNIPHASE CORPORATION, US [85] 2001-01-08 [86] 2000-05-23 (PCT/US00/14136) [87] 2000-12-07 (WO00/73848) [30] US (60/136,196) 1999-05-25</p>
<p>[21] <b>2,336,773</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/18 7A61K 38/17</b> [25] EN [54] <b>COMPONENT B AS ANGIOGENIC AGENT IN COMBINATION WITH HUMAN GROWTH FACTORS</b> [54] <b>COMPOSE B EN TANT QU'AGENT ANGIOGENIQUE COMBINE A DES FACTEURS DE CROISSANCE HUMAINE</b> [72] BORRELLI, FRANCESCO, IT [72] DONINI, SILVIA, IT [72] ZICHE, MARINA, IT [71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN [85] 2001-01-08 [86] 1999-07-02 (PCT/EP99/04605) [87] 2000-01-20 (WO00/02579) [30] EP (98112775.6) 1998-07-09</p>	<p>[21] <b>2,336,787</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 10/135 7H04B 10/18</b> [25] EN [54] <b>METHOD FOR POLARIZATION MODE DISPERSION COMPENSATION, AND A POLARIZATION MODE DISPERSION COMPENSATOR</b> [54] <b>PROCEDE DE COMPENSATION DE DISPERSION EN MODE POLARISATION ET COMPENSATEUR DE DISPERSION EN MODE POLARISATION</b> [72] NOE, REINHOLD, DE [71] SIEMENS AKTIENGESSELLSCHAFT, DE [85] 2001-01-08 [86] 1999-06-24 (PCT/DE99/01846) [87] 2000-01-20 (WO00/03505) [30] DE (198 30 990.2) 1998-07-10</p>	<p>[21] <b>2,336,794</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01D 90/10 7B60P 1/38</b> [25] EN [54] <b>CHAIN DRIVEN BELT DISCHARGE APPARATUS AND METHOD</b> [54] <b>APPAREIL DE DECHARGEMENT A ENTRAINEMENT PAR CHAINES ET PROCEDE CORRESPONDANT</b> [72] WILKERSON, LEE, CA [71] STAR TRANSPORT TRAILER, INC., US [85] 2001-01-08 [86] 2000-05-11 (PCT/US00/13225) [87] 2000-11-16 (WO00/67553) [30] US (09/310,063) 1999-05-11</p>

## Demandes PCT entrant en phase nationale

[21] **2,336,800**  
[13] A1

[51] **Int.Cl. 7C07C 209/84 7C07C 209/48**  
[25] EN  
[54] **METHOD FOR PURIFYING HEXAMETHYLENEDIAMINE IN MIXTURES OF HEXAMETHYLENEDIAMINE AND AN UNSATURATED CYCLIC IMINE**  
[54] **PROCEDE DE PURIFICATION D'HEXAMETHYLENEDIAMINE DANS UN MELANGE HEXAMETHYLENEDIAMINE-IMINE CYCLIQUE INSATUREE**  
[72] VOIT, GUIDO, DE  
[72] FISCHER, ROLF, DE  
[72] MERK, CLAUDIA, DE  
[72] BASSLER, PETER, DE  
[72] LUYKEN, HERMANN, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-01-08  
[86] 1999-07-02 (PCT/EP99/04584)  
[87] 2000-01-20 (WO00/02842)  
[30] DE (198 30 598.2) 1998-07-09

[21] **2,336,805**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7A61K 38/17**  
[25] EN  
[54] **PHARMACEUTICAL USES OF NAB1 AND NAB2**  
[54] **UTILISATIONS PHARMACEUTIQUES DE NAB1 ET NAB2**  
[72] BRADDOCK, MARTIN, GB  
[72] CAMPBELL, CALLUM JEFFREY, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2001-01-08  
[86] 1999-07-09 (PCT/GB99/02199)  
[87] 2000-01-20 (WO00/03014)  
[30] GB (9814989.1) 1998-07-11  
[30] GB (9819826.0) 1998-09-12

[21] **2,336,807**  
[13] A1

[51] **Int.Cl. 7C07C 311/46 7C07D 261/16 7A61K 31/18 7C07D 295/22 7C07D 235/28 7C07D 333/34 7A61K 31/38 7C07C 317/40 7C07C 323/41 7C07C 323/42 7A61K 31/42 7A61K 31/44 7C07D 277/46 7C07D 211/96**  
[25] EN  
[54] **SULFUR SUBSTITUTED SULFONYLAMINOCARBOXYLIC ACID N-ARYLAMIDES, THEIR PREPARATION, THEIR USE AND PHARMACEUTICAL PREPARATIONS COMPRISING THEM**  
[54] **N-ARYLAMIDES D'ACIDE SULFONYLAMINOCARBOXYLIQUE A SUBSTITUTION SOUFRE, PREPARATION ET UTILISATION DE CES DERNIERS, PREPARATIONS PHARMACEUTIQUES CONTENANT CES COMPOSES**  
[72] STROBEL, HARTMUT, DE  
[72] SCHINDLER, URSULA, DE  
[72] SCHONAFINGER, KARL, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2001-01-05  
[86] 1999-06-25 (PCT/EP99/04426)  
[87] 2000-01-20 (WO00/02851)  
[30] DE (198 30 430.7) 1998-07-08  
[30] DE (199 03 126.6) 1999-01-27

[21] **2,336,809**  
[13] A1

[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **WATER MISCIBLE MACROLIDE SOLUTIONS**  
[54] **COMPOSITION MACROLIDE MISCIBLE DANS L'EAU**  
[72] WILSON, ROGER A., US  
[72] WILLIAMS, JAMES B., US  
[72] HOPPONEN, RAYMOND E., US  
[72] MACY, LOWELL R., US  
[71] MERIAL, INC., US  
[85] 2001-01-08  
[86] 1999-07-07 (PCT/US99/15549)  
[87] 2000-01-20 (WO00/02567)  
[30] US (09/112,690) 1998-07-09  
[30] US (09/346,905) 1999-07-02

[21] **2,336,810**  
[13] A1

[51] **Int.Cl. 6C07C 2/64 6B01J 21/00 6C10G 11/02 6B01J 21/02 6C10G 35/06 6B01J 29/06 6C07C 4/12 6C07C 5/22 6C07C 2/52 6C07C 2/66 6C07C 2/68**  
[25] EN  
[54] **A COMPOSITION FOR USE IN CONVERTING HYDROCARBONS, ITS PREPARATION AND USE**  
[54] **COMPOSITION UTILISEE POUR CONVERTIR DES HYDROCARBURES, SA PREPARATION, ET SON UTILISATION**  
[72] YAO, JIANHUA, US  
[72] LOVE, SCOTT D., US  
[72] DRAKE, CHARLES A., US  
[72] WU, AN-HSIANG, US  
[71] PHILLIPS PETROLEUM COMPANY, US  
[85] 2001-01-05  
[86] 1999-08-12 (PCT/US99/18472)  
[87] 2000-03-09 (WO00/12450)  
[30] US (09/144,940) 1998-09-01

[21] **2,336,812**  
[13] A1

[51] **Int.Cl. 7C07C 17/389 7C07C 59/21 7C07C 51/47 7C07C 51/64**  
[25] EN  
[54] **PRODUCTION OF ORGANIC COMPOUNDS WHICH ARE LOW IN FLUORIDE**  
[54] **COMPOSES ORGANIQUES A FAIBLE TENEUR EN FLUORURE**  
[72] BRAUN, MAX, DE  
[72] PALSHERM, STEFAN, DE  
[72] EICHER, JOHANNES, DE  
[72] JANSSENS, FRANCINE, BE  
[72] EICHHOLZ, KERSTIN, DE  
[71] SOLVAY FLUOR UND DERIVATE GMBH, DE  
[85] 2001-01-05  
[86] 1999-06-29 (PCT/EP99/04477)  
[87] 2000-01-13 (WO00/01647)  
[30] DE (198 29 909.5) 1998-07-06  
[30] DE (198 50 010.6) 1998-10-30



## PCT Applications Entering the National Phase

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[21] **2,336,813**  
[13] A1  
[51] **Int.Cl. 6C12N 5/00 6A61F 2/00 6C12N 11/04 6C12N 5/08 6A61K 35/12**  
[25] EN  
[54] **METHODS FOR IMPLANTING CELLS**  
[54] **PROCEDE D'IMPLANTATION DE CELLULES**  
[72] GRIESE, DANIEL P., US  
[72] EHSAN, AFSHIN, US  
[72] MANN, MICHAEL J., US  
[72] DZAU, VICTOR J., US  
[72] PRATT, RICHARD, US  
[71] BRIGHAM AND WOMEN'S HOSPITAL, INC., US  
[85] 2001-01-08  
[86] 1999-07-08 (PCT/US99/15589)  
[87] 2000-01-20 (WO00/02998)  
[30] US (60/092,358) 1998-07-10

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[21] **2,336,816**  
[13] A1  
[51] **Int.Cl. 6C08L 23/16**  
[25] EN  
[54] **POLYETHYLENE COMPOSITIONS HAVING IMPROVED OPTICAL AND MECHANICAL PROPERTIES AND IMPROVED PROCESSABILITY IN THE MELTED STATE**  
[54] **COMPOSITIONS DE POLYETHYLENE POSSEDANT DES PROPRIETES MECANIQUES AMELIOREES ET UNE CAPACITE DE TRAITEMENT AMELIOREE A L'ETAT DE FUSION**  
[72] CIARAFONI, MARCO, IT  
[72] COVEZZI, MASSIMO, IT  
[72] ANIBALDI, REMO, IT  
[72] CECCHIN, GIULIANO, IT  
[72] COLLINA, GIANNI, IT  
[71] BASSELL TECHNOLOGY COMPANY B.V., NL  
[85] 2001-01-05  
[86] 1999-07-02 (PCT/EP99/04596)  
[87] 2000-01-20 (WO00/02961)  
[30] IT (MI98A001548) 1998-07-07

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[21] **2,336,817**  
[13] A1  
[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **ORAL COMPOSITION EXHIBITING ENHANCED ANTIPLAQUE EFFICACY**  
[54] **COMPOSITION ORALE POUVANT LUTTER AVEC UNE EFFICACITE AMELIOREE CONTRE LA PLAQUE DENTAIRE**  
[72] MIRAJKAR, YELLOJI RAO K., US  
[72] SCHOONBROOD, HAROLD, AU  
[72] MARCHAND, JEAN-PIERRE, FR  
[72] BERGERON, VANCE, FR  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2001-01-08  
[86] 1999-07-08 (PCT/US99/15370)  
[87] 2000-01-20 (WO00/02527)  
[30] US (09/112,542) 1998-07-09

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[21] **2,336,889**  
[13] A1  
[51] **Int.Cl. 7H05K 1/05**  
[25] EN  
[54] **A THERMAL MANAGEMENT DEVICE AND METHOD OF MAKING SUCH A DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT THERMIQUE ET PROCEDE DE FABRICATION ASSOCIE**  
[72] DE OLIVEIRA, RUI, CH  
[72] CARTER, ANTHONY ARTHUR, GB  
[72] GANDI, ANGELO, CH  
[71] EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH, CH  
[71] QUEEN MARY AND WESTFIELD COLLEGE, GB  
[85] 2001-01-08  
[86] 1999-07-08 (PCT/GB99/02180)  
[87] 2000-01-20 (WO00/03567)  
[30] GB (9814835.6) 1998-07-08  
[30] GB (9825376.8) 1998-11-19  
[30] GB (9900924.3) 1999-01-15

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[21] **2,336,890**  
[13] A1  
[51] **Int.Cl. 7C03C 17/42**  
[25] EN  
[54] **PROVIDING ORGANIC PAINT ON A GLASS SHEET**  
[54] **APPLICATION D'UNE PEINTURE ORGANIQUE SUR UNE FEUILLE DE VERRE**  
[72] BOAZ, PREMAKARAN TUCKER, US  
[71] VISTEON GLOBAL TECHNOLOGIES, INC., US  
[85] 2001-01-05  
[86] 1999-07-06 (PCT/GB99/02161)  
[87] 2000-01-13 (WO00/01634)  
[30] US (09/110,832) 1998-07-06

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[21] **2,336,891**  
[13] A1  
[51] **Int.Cl. 7G01S 7/52 7H03D 7/16**  
[25] EN  
[54] **SLEWING BANDPASS FILTER FOR ULTRASOUND IMAGE ANALYSIS**  
[54] **FILTRE PASSE-BANDE A BALAYAGE POUR ANALYSE D'IMAGE PAR ULTRASON**  
[72] MASTERS, DONALD, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-01-05  
[86] 1999-07-30 (PCT/IB99/01364)  
[87] 2000-02-17 (WO00/08481)  
[30] US (09/128,396) 1998-08-03

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[21] **2,336,892**  
[13] A1  
[51] **Int.Cl. 7C08G 63/13 7C08J 5/00 7C08G 69/44 7C08G 63/668**  
[25] EN  
[54] **LIQUID-CRYSTAL POLYMER**  
[54] **POLYMERE A CRISTAUX LIQUIDES**  
[72] HAMASAKI, TAIHEI, JP  
[72] KITAYAMA, MASAYA, JP  
[72] KOMETANI, KIICHI, JP  
[72] UENO, RYUZO, JP  
[72] ASAHARA, MOTOKI, JP  
[71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP  
[85] 2001-01-05  
[86] 2000-05-01 (PCT/JP00/02860)  
[87] 2000-11-16 (WO00/68291)  
[30] JP (11/127328) 1999-05-07

## Demandes PCT entrant en phase nationale

[21] **2,336,893**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 9/10 7C12N 15/54 7C12N 15/60 7C12N 9/88**  
[25] EN  
[54] **MEANS AND METHODS FOR ENHANCING THE CONTENT OF SULFUR COMPOUNDS IN PLANTS**  
[54] **MOYENS ET PROCEDES PERMETTANT D'AUGMENTER LA TENEUR EN COMPOSES SULFURES DES PLANTES**  
[72] HOFGEN, RAINER, DE  
[72] HARMS, KARSTEN, DE  
[72] HESSE, HOLGER, DE  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE  
[85] 2001-01-05  
[86] 1999-07-07 (PCT/EP99/04784)  
[87] 2000-01-13 (WO00/01833)  
[30] EP (98112553.7) 1998-07-07

[21] **2,336,894**  
[13] A1

[51] **Int.Cl. 7C07D 413/04 7A61K 31/42 7C07D 263/56**  
[25] EN  
[54] **NEW BENZOXAZOLES WITH PDE-INHIBITING ACTIVITY**  
[54] **NOUVEAUX BENZOXAZOLES AVEC ACTIVITE INHIBITRICE DE LA PHOSPHODIESTERASE**  
[72] MARTIN, THOMAS, DE  
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE  
[85] 2001-01-05  
[86] 1999-06-26 (PCT/EP99/04451)  
[87] 2000-01-13 (WO00/01695)  
[30] EP (98112469.6) 1998-07-06

[21] **2,336,895**  
[13] A1

[51] **Int.Cl. 7H01J 11/02 7H01J 17/49**  
[25] EN  
[54] **FLAT DISPLAY**  
[54] **ECRAN PLAT**  
[72] AMANO, YOSHIFUMI, JP  
[71] TECHNOLOGY TRADE AND TRANSFER CORPORATION, JP  
[85] 2001-01-05  
[86] 2000-04-26 (PCT/JP00/02742)  
[87] 2000-11-16 (WO00/68966)  
[30] JP (11/164292) 1999-05-07  
[30] JP (11/215736) 1999-06-24  
[30] JP (11/246029) 1999-07-27

[21] **2,336,898**  
[13] A1

[51] **Int.Cl. 6B32B 27/10 6B32B 31/30 6B65D 65/46**  
[25] EN  
[54] **COMPOSTABLE COATED PAPER OR PAPERBOARD, A METHOD FOR MANUFACTURING THE SAME AND PRODUCTS OBTAINED THEREOF**  
[54] **CARTON ENDUIT OU CARTON COMPOSTABLE, PROCEDE DE FABRICATION DE CES MATERIAUX ET PRODUITS OBTENUS A PARTIR DE CES DERNIERS**  
[72] KUUSIPALO, JURKKA, FI  
[72] PENTTINEN, TAPANI, FI  
[72] NEVALAINEN, KIMMO, FI  
[71] ENSO OYJ, FI  
[85] 2001-01-05  
[86] 1999-07-06 (PCT/FI99/00597)  
[87] 2000-01-13 (WO00/01530)  
[30] FI (981558) 1998-07-07

[21] **2,336,900**  
[13] A1

[51] **Int.Cl. 7C08J 5/18**  
[25] EN  
[54] **FILAMENTOUS POROUS FILMS AND METHODS FOR PRODUCING THE SAME**  
[54] **FILMS FILAMENTEUX POREUX ET LEUR PROCEDE DE FABRICATION**  
[72] JEFFERS, SCOTT, US  
[72] GODOWSKI, KENNETH C., US  
[72] BOTZ, MICHELLE, US  
[72] DUNN, RICHARD L., US  
[72] SWANBOM, DERYL D., US  
[71] ATRIX LABORATORIES, INC., US  
[85] 2001-01-05  
[86] 1999-07-06 (PCT/US99/15127)  
[87] 2000-01-13 (WO00/01760)  
[30] US (09/110,723) 1998-07-07

[21] **2,336,901**  
[13] A1

[51] **Int.Cl. 6E02D 5/62 6E21B 7/12**  
[25] EN  
[54] **WELL RISER LATERAL RESTRAINT AND INSTALLATION SYSTEM FOR OFFSHORE PLATFORM**  
[54] **SYSTEME DE BLOCAGE LATERAL DE COLONNE MONTANTE ET D'INSTALLATION POUR PLATE-FORME DE FORAGE EN MER**  
[72] KIBBEE, STEPHEN E., US  
[72] DAVIES, KENT B., US  
[72] BLANDFORD, JOSEPH W., US  
[71] SEAHORSE EQUIPMENT CORPORATION, US  
[85] 2001-01-05  
[86] 1999-07-06 (PCT/US99/15140)  
[87] 2000-01-13 (WO00/01894)  
[30] US (60/091,858) 1998-07-06

[21] **2,336,904**  
[13] A1

[51] **Int.Cl. 6C07C 229/42 6C07D 219/04 6C07D 491/052 6C07C 229/76 6C07D 311/88**  
[25] EN  
[54] **NOVEL FLUORESCENT LANTHANIDE CHELATES**  
[54] **NOUVEAUX CHELATES FLUORESCENTS AUX LANTHANIDES**  
[72] CHAN, GEORGE WAI-KIN, US  
[72] HERTZBERG, ROBERT P., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2001-01-05  
[86] 1999-07-07 (PCT/US99/15366)  
[87] 2000-01-13 (WO00/01663)  
[30] US (60/091,944) 1998-07-07

[21] **2,336,920**  
[13] A1

[51] **Int.Cl. 7C08K 5/132 7C08L 73/00 7C08G 67/02 7C08F 290/06 7C08K 5/3475**  
[25] EN  
[54] **UV STABILIZED ETHYLENE COPOLYMERS**  
[54] **COPOLYMERES D'ETHYLENE STABILISES AUX UV**  
[72] HOFMANN, GEORGE HENRY, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-01-08  
[86] 1999-08-17 (PCT/US99/18623)  
[87] 2000-02-24 (WO00/09602)  
[30] US (09/135,231) 1998-08-17

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,336,921</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A45D 40/06</b> [25] EN [54] <b>PRODUCT DISPENSER AND HOLDER</b> [54] <b>DISTRIBUTEUR ET SUPPORT DE PRODUIT</b> [72] PATEL, MANHAR K., US [72] STISO, ALBERT J., US [72] THALHEIMER, JAMES J., US [72] LE BRAS-BROWN, ROBERT NATHAN, US [71] REVLOX CONSUMER PRODUCTS CORPORATION, US [85] 2001-01-08 [86] 1999-07-13 (PCT/US99/15757) [87] 2000-01-27 (WO00/03618) [30] US (09/118,358) 1998-07-17</p>	<p style="text-align: right;">[21] <b>2,336,929</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/50</b> [25] EN [54] <b>HIGH-THROUGHPUT SCREENING DIAGNOSTIC AND/OR DOSAGE METHOD OF AN AGONIST AND/OR AN ANTAGONIST FOR A CALCIUM-COUPLED RECEPTOR</b> [54] <b>DIAGNOSTIC A HAUT RENDEMENT ET/OU PROCEDE DE DOSAGE D'UN AGONISTE ET/OU ANTAGONISTE D'UN RECEPTEUR A COUPLAGE CALCIUM</b> [72] DUPRIEZ, VINCENT, BE [72] PARMENTIER, MARC, BE [72] DETHEUX, MICHEL, BE [71] EUROSREEN S.A., BE [85] 2001-01-08 [86] 1999-07-06 (PCT/BE99/00087) [87] 2000-01-13 (WO00/02045) [30] EP (98870149.6) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,336,932</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/40 6A61K 31/35</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR THE TREATMENT OF CHRONIC LYMPHOCYTIC LEUKEMIA</b> [54] <b>PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA LEUCEMIE LYMPHOCITAIRE CHRONIQUE</b> [72] SITZER, RUTH L., US [72] NARDELLA, FRANCIS A., US [71] SITZER, RUTH L., US [71] NARDELLA, FRANCIS A., US [85] 2001-01-08 [86] 1999-07-08 (PCT/US99/15501) [87] 2000-01-20 (WO00/02555) [30] US (60/092,466) 1998-07-09 [30] US (60/094,878) 1998-07-29</p>
<p style="text-align: right;">[21] <b>2,336,927</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D01D 4/02 7D01D 5/18</b> [25] EN [54] <b>APPARATUS FOR MELT SPINNING FEEDSTOCK MATERIAL</b> [54] <b>APPAREIL POUR LE FILAGE A CHAUD D'UN PRODUIT ALIMENTAIRE</b> [72] BAYARD, CLAUDE, US [72] BOGUE, BEUFORD A., US [72] MADSEN, ROBERT A., US [72] ABDI, MESFIN B., US [72] PERKINS, JAMES H., US [71] BIOVAIL TECHNOLOGIES LTD., US [85] 2001-01-08 [86] 1999-07-02 (PCT/US99/15079) [87] 2000-01-20 (WO00/03075) [30] US (09/113,707) 1998-07-10</p>	<p style="text-align: right;">[21] <b>2,336,931</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B27K 3/44 7B27K 3/50</b> [25] EN [54] <b>COMPOSITIONS AND PROCESS FOR THE PROTECTIVE TREATMENT OF WOOD</b> [54] <b>COMPOSITIONS ET PROCEDE POUR UN TRAITEMENT PROTECTEUR POUR LE BOIS</b> [72] LICHTENBERG, FLORIAN, DE [72] ARLT, OLIVER, DE [72] VOGEL, TILO, DE [72] MARX, HANS-NORBERT, DE [71] IMPRAGNIERWERK WULKNITZ GMBH, DE [71] LONZA AG, CH [85] 2001-01-08 [86] 1999-07-02 (PCT/CH99/00288) [87] 2000-01-20 (WO00/02716) [30] DE (198 31 036.6) 1998-07-12 [30] DE (199 26 884.3) 1999-06-12</p>	<p style="text-align: right;">[21] <b>2,336,933</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01L 29/24 7H01L 21/04 7H01L 29/808</b> [25] EN [54] <b>SILICON CARBIDE HORIZONTAL CHANNEL BUFFERED GATE SEMICONDUCTOR DEVICES</b> [54] <b>DISPOSITIF A SEMI-CONDUCTEUR A GRILLE TAMPONNEE A CANAL HORIZONTAL AU CARBURE DE SILICIUM</b> [72] SINGH, RANBIR, US [71] CREE, INC., US [85] 2001-01-08 [86] 1999-06-08 (PCT/US99/12861) [87] 2000-01-20 (WO00/03440) [30] US (09/112,686) 1998-07-09</p>
		<p style="text-align: right;">[21] <b>2,336,935</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 1/00 6H04L 29/06</b> [25] EN [54] <b>A METHOD FOR SECURING ACCESS TO A REMOTE SYSTEM</b> [54] <b>PROCEDE POUR SECURISER L'ACCES A UN SYSTEME DISTANT</b> [72] NIEBERT, NORBERT, DE [72] RATAYCZAK, GEORG, DE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-01-08 [86] 1998-07-08 (PCT/EP98/04249) [87] 2000-01-20 (WO00/03316)</p>

## Demandes PCT entrant en phase nationale

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[21] **2,336,936**  
[13] A1  
[51] **Int.Cl. 7H01L 23/02 7H01L 23/36**  
[25] EN  
[54] **A CAPSULE FOR SEMICONDUCTOR COMPONENTS**  
[54] **CAPSULE DESTINEE A DES COMPOSANTS SEMI-CONDUCTEURS**  
[72] OLOFSSON, LARS-ANDERS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-08  
[86] 1999-06-30 (PCT/SE99/01193)  
[87] 2000-01-20 (WO00/03435)  
[30] SE (9802453-2) 1998-07-08

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[21] **2,336,937**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **SYSTEM, APPARATUS AND METHOD FOR PAGING OPTIMIZATION USING SUB-LOCATION AREAS**  
[54] **SYSTEME, APPAREIL ET PROCEDURE D'OPTIMISATION DE RECHERCHES D'ABONNES DANS DES ZONES DE SOUS-LOCALISATION**  
[72] BORG, GUNNAR, US  
[72] ALPEROVICH, VLADIMIR, US  
[71] ERICSSON INC., US  
[85] 2001-01-08  
[86] 1999-07-08 (PCT/US99/15368)  
[87] 2000-01-20 (WO00/03557)  
[30] US (09/112,663) 1998-07-09

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[21] **2,336,939**  
[13] A1  
[51] **Int.Cl. 7H04L 29/00**  
[25] EN  
[54] **BIT STUFFING FOR SYNCHRONOUS HDLC**  
[54] **BOURRAGE DE BITS DESTINE A UNE COMMANDE DE LIAISON DE DONNEES A HAUT NIVEAU (HDLC) SYNCHRONE**  
[72] JARFJORD, JOAKIM, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-08  
[86] 1999-06-14 (PCT/SE99/01042)  
[87] 2000-01-20 (WO00/03524)  
[30] SE (9802461-5) 1998-07-08

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[21] **2,336,942**  
[13] A1  
[51] **Int.Cl. 7G01B 9/02**  
[25] EN  
[54] **COMBINING INTERFERENCE FRINGE PATTERNS TO A MOIRE FRINGE PATTERN**  
[54] **COMBINAISON DE DIAGRAMMES DE FRANGES D'INTERFERENCE A DES DIAGRAMMES DE FRANGES DE MOIRE**  
[72] FORNO, COLIN, IT  
[72] WHELAN, MAURICE, IT  
[71] EUROPEAN COMMUNITY REPRESENTED BY COMMISSION OF THE EUROPEAN COMMUNITIES, LU  
[85] 2001-01-08  
[86] 2000-01-27 (PCT/GB00/00236)  
[87] 2000-08-24 (WO00/49364)  
[30] GB (9903638.6) 1999-02-17

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[21] **2,336,945**  
[13] A1  
[51] **Int.Cl. 7A61K 31/195 7A61K 31/19**  
[25] EN  
[54] **TREATMENT REGIMEN FOR ADMINISTRATION OF PHENYLACETYLGLUTAMINE, PHENYLACETYLISOGlutAMINE, AND/OR PHENYLACETATE**  
[54] **REGIME D'ADMINISTRATION DE PHENYLACETYLGLUTAMINE, DE PHENYLACETYLISOGlutAMINE ET/OU DE PHENYLACETATE**  
[72] BURZYNSKI, STANISLAW R., US  
[71] BURZYNSKI, STANISLAW R., US  
[85] 2001-01-09  
[86] 1999-07-02 (PCT/US99/15017)  
[87] 2000-02-03 (WO00/04894)  
[30] US (09/121,567) 1998-07-23

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[21] **2,336,947**  
[13] A1  
[51] **Int.Cl. 6H04B 1/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR ALLOCATING TRANSMIT POWER TO SUBSCRIBER UNITS IN A WIRELESS COMMUNICATIONS SYSTEM**  
[54] **TECHNIQUE ET DISPOSITIF CORRESPONDANT D'ATTRIBUTION DE PUISSANCE DE TRANSMISSION A DES UNITES D'ABONNE DANS UN SYSTEME DE COMMUNICATION SANS FIL**  
[72] ROHANI, KAMYAR, US  
[72] AHMED, MANSOOR, US  
[71] MOTOROLA, INC., US  
[85] 2001-01-09  
[86] 1999-06-22 (PCT/US99/14004)  
[87] 2000-01-20 (WO00/03487)  
[30] US (09/113,391) 1998-07-10

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[21] **2,336,951**  
[13] A1  
[51] **Int.Cl. 6F23B 1/16 6F23L 1/00 6F23L 9/02 6F23B 1/18 6F23B 1/28**  
[25] EN  
[54] **A METHOD OF FIRING IN A BOILER AND A BOILER FOR USING THE METHOD**  
[54] **PROCEDURE D'ALLUMAGE D'UNE CHAUDIERE ET CHAUDIERE CONCUE A CET EFFET**  
[72] JOHNSEN, JORGEN BOGILD, DK  
[71] FLS MILJO A/S, DK  
[85] 2001-01-09  
[86] 1999-07-12 (PCT/DK99/00395)  
[87] 2000-01-20 (WO00/03179)  
[30] DK (PA 1998 00920) 1998-07-10

## PCT Applications Entering the National Phase

[21] **2,336,954**  
[13] A1

[51] **Int.Cl. 6G06F 17/00 6G06F 5/00 6G06F 7/08 6G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS IN A WIRELESS COMMUNICATION SYSTEM FOR USING A SELECTIVE CALL RECEIVER TO PROVIDE DEMOGRAPHIC INFORMATION, REDEEM COUPONS, AND EMULATE AFFINITY CARDS**  
[54] **PROCEDE ET APPAREIL DANS UN SYSTEME DE TELECOMMUNICATION SANS FIL PERMETTANT L'UTILISATION D'UN RECEPTEUR D'APPEL SELECTIF POUR FOURNIR DES INFORMATIONS DEMOGRAPHIQUES, COUPONS DEREMBOURSEMENT ET POUR EMULER DES CARTES D'AFFINITE**  
[72] BRIANCON, ALAIN CHARLES, US  
[72] INDEKEU, JACK P., US  
[72] HYMEL, JAMES ALLEN, US  
[72] LONG, CHRISTOPHER RICHARD, US  
[71] MOTOROLA, INC., US  
[85] 2001-01-09  
[86] 1999-06-24 (PCT/US99/14343)  
[87] 2000-01-20 (WO00/03328)  
[30] US (09/113,633) 1998-07-10  
[30] US (09/123,291) 1998-07-28

[21] **2,336,959**  
[13] A1

[51] **Int.Cl. 6D21G 7/00 6D21F 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANUFACTURING SURFACE-TREATED PRINTING PAPER**  
[54] **PROCEDE ET APPAREIL SERVANT A FABRIQUER UN PAPIER POUR IMPRESSION TRAITE EN SURFACE**  
[72] HEIKKINEN, ANTTI, FI  
[72] LINNONMAA, PEKKA, FI  
[71] VALMET CORPORATION, FI  
[85] 2001-01-09  
[86] 1999-07-12 (PCT/FI99/00615)  
[87] 2000-01-20 (WO00/03087)  
[30] FI (981594) 1998-07-10  
[30] FI (982583) 1998-11-27

[21] **2,336,960**  
[13] A1

[51] **Int.Cl. 7C08F 293/00 7C08F 290/04**  
[25] EN  
[54] **MICROGELS AND PROCESS FOR THEIR PREPARATION**  
[54] **MICORGELS ET PROCEDES DE PREPARATION ASSOCIES**  
[72] MOAD, GRAEME, AU  
[72] JOHNSON, JEFFEREY W., US  
[72] FRYD, MICHAEL, US  
[72] RIZZARDO, EZIO, AU  
[72] SCOPAZZI, CHRISTOPHER, US  
[72] BERGE, CHARLES T., US  
[72] THANG, SAN HOA, AU  
[71] COMMONWEALTH SCIENTIFIC & INDUSTRIAL RESEARCH ORGANIZATION, AU  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-01-08  
[86] 1999-07-09 (PCT/US99/15538)  
[87] 2000-01-20 (WO00/02939)  
[30] US (60/092,293) 1998-07-10

[21] **2,336,961**  
[13] A1

[51] **Int.Cl. 7C12N 7/00**  
[25] EN  
[54] **TEMPERATURE-SENSITIVE AND COLD-ADAPTED HUMAN PARAINFLUENZA VIRUS TYPE 2 (HPIV-2) AND VACCINES BASED ON SUCH VIRUS**  
[54] **VIRUS PARAINFLUENZA HUMAIN DE TYPE 2 (HPIV-2) THERMOSENSIBLE ET ADAPTE AU FROID; VACCINS A BASE D'UN TEL VIRUS**  
[72] NEWMAN, FRANCES K., US  
[72] BELSHE, ROBERT B., US  
[71] ST. LOUIS UNIVERSITY, US  
[85] 2001-01-09  
[86] 1999-08-31 (PCT/US99/19929)  
[87] 2000-03-09 (WO00/12684)  
[30] US (60/098,667) 1998-09-01

[21] **2,336,966**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **METHOD OF CONTROLLING CUSTOMERS' RESPONSE TO A GROUP OF INFORMATION IN A CYBERSPACE**  
[54] **PROCEDE POUR GERER DES REPONSES CLIENTS A UN GROUPE D'INFORMATIONS DANS UN CYBERESPACE**  
[72] LIM, MIN TAEK, KR  
[71] LIM, MIN TAEK, KR  
[85] 2001-01-09  
[86] 2000-04-26 (PCT/KR00/00391)  
[87] 2000-11-16 (WO00/68756)  
[30] KR (1999/16618) 1999-05-10

[21] **2,336,971**  
[13] A1

[51] **Int.Cl. 6C07F 9/40**  
[25] EN  
[54] **PREPARATION AND USE OF .ALPHA.-KETO BISPHOSPHONATES**  
[54] **PREPARATION ET UTILISATION D'ALPHA-CETO BISPHOSPHONATES**  
[72] MCKENNA, CHARLES E., US  
[72] KASHEMIROV, BORIS A., US  
[71] THE UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[85] 2001-01-09  
[86] 1999-07-13 (PCT/US99/15774)  
[87] 2000-01-20 (WO00/02889)  
[30] US (60/092,568) 1998-07-13

[21] **2,336,973**  
[13] A1

[51] **Int.Cl. 6B62D 13/02 6B60G 5/02 6B60G 9/02 6B62D 7/14**  
[25] EN  
[54] **BOGIE CONSTRUCTION**  
[54] **STRUCTURE DE BOGIE**  
[72] JURMU, RISTO, FI  
[71] SANDVIK AB, SE  
[85] 2001-01-09  
[86] 1999-06-28 (PCT/SE99/01161)  
[87] 2000-01-20 (WO00/02762)  
[30] FI (981593) 1998-07-10

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,336,978</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 8/00</b> [25] EN [54] <b>DEVICE, METHOD AND APPLICATION IN CONNECTION WITH A DENTAL PROSTHESIS ARRANGEMENT IN THE JAW</b> [54] <b>DISPOSITIF, PROCEDE ET APPLICATION EN RELATION AVEC UN SYSTEME DE PROTHESE DENTAIRE IMPLANTE DANS UNE MACHOIRE</b> [72] HANSEN, HALVAR, SE [71] NOBEL BIOCARE AB, SE [85] 2001-01-09 [86] 1999-06-29 (PCT/SE99/01171) [87] 2000-01-20 (WO00/02495) [30] SE (9802495-3) 1998-07-10</p>	<p style="text-align: right;">[21] <b>2,336,992</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 48/00</b> [25] EN [54] <b>POLYNUCLEOTIDE VACCINE FORMULATIONS</b> [54] <b>FORMULATIONS DE VACCINS A BASE DE POLYNUCLEOTIDES</b> [72] VOLKIN, DAVID B., US [72] EVANS, ROBERT K., US [72] ULMER, JEFFREY B., US [72] CAULFIELD, MICHAEL J., US [71] MERCK &amp; CO., INC., US [85] 2001-01-08 [86] 1999-07-08 (PCT/US99/15329) [87] 2000-01-20 (WO00/02591) [30] US (09/112,655) 1998-07-09</p>	<p style="text-align: right;">[21] <b>2,337,017</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/377 7G02F 1/035 7G02F 1/225</b> [25] EN [54] <b>DIFFERENTIAL DRIVE OPTICAL MODULATOR</b> [54] <b>FIBRE OPTIQUE COMPRENANT UN SEGMENT POUVANT ETRE FERME HERMETIQUEMENT</b> [72] KISSA, KARL, US [72] WOOTEN, EDWARD, US [72] MCBRIEN, GREGORY, US [71] UNIPHASE TELECOMMUNICATIONS PRODUCTS, INC., US [85] 2001-01-08 [86] 1999-07-20 (PCT/US99/16370) [87] 2000-02-03 (WO00/05623) [30] US (09/122,598) 1998-07-24</p>
<p style="text-align: right;">[21] <b>2,336,981</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01S 3/085 6H01S 3/025 6G02B 6/12</b> [25] EN [54] <b>EXTERNAL CAVITY LASER</b> [54] <b>LASER A CAVITE EXTERNE</b> [72] TIDMARSH, JOLYON RICHARD, GB [72] FASHAM, STEPHEN JAMES, GB [71] BOOKHAM TECHNOLOGY PLC, GB [85] 2001-01-09 [86] 1998-12-02 (PCT/GB98/03595) [87] 2000-01-20 (WO00/03461) [30] GB (9815070.9) 1998-07-10</p>	<p style="text-align: right;">[21] <b>2,337,006</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10B 37/02</b> [25] EN [54] <b>LEVELLER BAR FOR COKING OVENS</b> [54] <b>BARRE DE NIVELLEMENT DESTINEE AUX FOURS DE COKEFACTION</b> [72] GIERTZ, HANS-JOSEF, DE [72] RUTHEMANN, KLAUS-DIETER, DE [72] GEORGE, JURGEN, DE [71] DEUTSCHE MONTAN TECHNOLOGIE GMBH, DE [85] 2001-01-08 [86] 1999-07-02 (PCT/EP99/04578) [87] 2000-01-20 (WO00/02976) [30] DE (198 30 382.3) 1998-07-08</p>	<p style="text-align: right;">[21] <b>2,337,023</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21F 5/18</b> [25] EN [54] <b>METHOD AND DEVICE FOR DRYING OF A COATED WEB</b> [54] <b>PROCEDE ET DISPOSITIF DE SECHAGE D'UNE BANDE, DE PAPIER OU DE CARTON, COUCHEE</b> [72] HEIKKILA, PERTTI, FI [72] JUPPI, KARI, FI [72] RAJALA, PASI, FI [71] VALMET CORPORATION, FI [85] 2001-01-05 [86] 1999-06-21 (PCT/FI99/00542) [87] 2000-01-13 (WO00/01881) [30] FI (981548) 1998-07-06</p>
<p style="text-align: right;">[21] <b>2,336,983</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 17/06 7C11D 17/00</b> [25] EN [54] <b>SURFACTANT AGGLOMERATES</b> [54] <b>AGGLOMERATS DE TENSIOACTIF</b> [72] TCHEOU, ERIC, BE [72] VEGA, JOSE, LUIS, BE [72] GOOVAERTS, LUCAS, BE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-01-08 [86] 1999-07-12 (PCT/US99/15662) [87] 2000-01-20 (WO00/02995) [30] EP (98870154.6) 1998-07-10 [30] EP (99870091.8) 1999-04-30</p>	<p style="text-align: right;">[21] <b>2,337,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14</b> [25] EN [54] <b>MAGNETOMECHANICAL EAS MARKER WITH REDUCED-SIZE BIAS MAGNET</b> [54] <b>MARQUEUR MAGNETOMECHANIQUE DE SURVEILLANCE D'ARTICLES A AIMANT DE POLARISATION DE TAILLE REDUITE</b> [72] GADONNIEX, DENNIS M., US [72] TELLSHOW, RICHARD, US [72] LIAN, MING-REN, US [71] SENSORMATIC ELECTRONICS CORPORATION, US [85] 2001-01-08 [86] 1999-07-02 (PCT/US99/14993) [87] 2000-01-20 (WO00/03365) [30] US (09/112,582) 1998-07-09</p>	<p style="text-align: right;">[21] <b>2,337,048</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/39 7A61K 39/29</b> [25] FR [54] <b>UTILISATION D'UN COMPOSE AMPHIPATHIQUE POUR ADJUGER UN VACCIN SOUS-UNITAIRE</b> [54] <b>USE OF AN AMPHIPATHIC COMPOUND FOR PROVIDING AN ADJUVANT TO A SUBUNIT VACCINE</b> [72] DARBOURET, ANNE, FR [72] RONCO, JORGE, FR [72] BRUNEL, FLORENCE, FR [71] AVENTIS PASTEUR, FR [85] 2001-01-02 [86] 1999-07-02 (PCT/FR99/01604) [87] 2000-01-13 (WO00/01345) [30] FR (98/08700) 1998-07-03</p>

## PCT Applications Entering the National Phase

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[21] **2,337,052**  
[13] A1  
[51] **Int.Cl. 7G09F 1/14**  
[25] FR  
[54] **DISPOSITIF DE MAINTIEN EN POSITION VERTICALE D'UNE FEUILLE DE PAPIER**  
[54] **DEVICE FOR MAINTAINING A SHEET OF PAPER IN VERTICAL POSITION**  
[72] SIMONE, NICOLAS, FR  
[71] HOTEL SYSTEM FRANCHISE N.V., AN  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/FR99/01590)  
[87] 2000-01-13 (WO00/02181)  
[30] FR (98/08953) 1998-07-04  
[30] FR (99/00603) 1999-01-18

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[21] **2,337,056**  
[13] A1  
[51] **Int.Cl. 6F01B 17/02 6F02B 27/00**  
[25] FR  
[54] **PROCEDE DE FONCTIONNEMENT DE CHAMBRE D'EXPANSION DE MOTEUR DEPOLLUANT ET CHAMBRE D'EXPANSION POUR SA MISE EN OEUVRE**  
[54] **METHOD FOR OPERATING POLLUTION-FREE ENGINE EXPANSION CHAMBER AND EXPANSION CHAMBER THEREFOR**  
[72] NEGRE, GUY, FR  
[72] NEGRE, CYRIL, FR  
[71] NEGRE, GUY, FR  
[85] 2001-01-02  
[86] 1998-07-09 (PCT/FR98/01483)  
[87] 2000-01-20 (WO00/03123)

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[21] **2,337,059**  
[13] A1  
[51] **Int.Cl. 7C07D 241/04 7A61K 31/495**  
[25] FR  
[54] **DERIVES DE LA PIPERAZINE POUR L'INHIBITION DE LA REPLICATION DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE**  
[54] **PIPERAZINE DERIVATIVES INHIBITING HUMAN IMMUNODEFICIENCY VIRUS REPLICATION**  
[72] LAMOURI, AAZDINE, FR  
[72] MARTIN, MARC, FR  
[72] CLAYETTE, PASCAL, FR  
[72] GODFROID, JEAN-JACQUES, FR  
[72] DEREUDDRE-BOSQUET, NATHALIE, FR  
[72] HEYMANS, FRANCOISE, FR  
[71] UNIVERSITE PARIS 7 - DENIS DIDEROT, FR

[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[85] 2001-01-03  
[86] 1999-07-05 (PCT/FR99/01615)  
[87] 2000-01-13 (WO00/01677)  
[30] FR (98/08600) 1998-07-06

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[21] **2,337,065**  
[13] A1  
[51] **Int.Cl. 7C08F 220/60 7C08F 220/34 7C08F 220/54**  
[25] FR  
[54] **DERIVES ZWITTERIONIQUES ET APPLICATION AUX PROPRIETES DES SUSPENSIONS AQUEUSES**  
[54] **ZWITTERION DERIVATIVES AND APPLICATION TO AQUEOUS SUSPENSION PROPERTIES**  
[72] CARRETTE, PIERRE LOUIS, FR  
[72] LE PERCHEC, PIERRE, FR  
[72] AUDIBERT-HAYET, ANNIE, FR  
[72] ARGILLIER, JEAN-FRANCOIS, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[85] 2001-01-03  
[86] 1999-06-15 (PCT/FR99/01438)  
[87] 2000-01-13 (WO00/01746)  
[30] FR (98/08722) 1998-07-06

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[21] **2,337,072**  
[13] A1  
[51] **Int.Cl. 7C07D 503/00 7C12P 17/18**  
[25] EN  
[54] **IMPROVED PROCESS FOR THE PREPARATION OF SALTS AND ESTERS OF CLAVULANIC ACID**  
[54] **PROCEDE AMELIORE DE PREPARATION DE SELS ET D'ESTERS D'ACIDE CLAVULANIQUE**  
[72] LEFFERTS, AGEETH GEERTRUIDA, NL  
[72] KERKHOF, PIETER THEODORUS, NL  
[71] DSM N.V., NL  
[85] 2001-01-05  
[86] 1999-07-13 (PCT/EP99/05026)  
[87] 2000-01-27 (WO00/04028)  
[30] EP (98202390.5) 1998-07-16

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[21] **2,337,130**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06 7H04Q 3/00**  
[25] EN  
[54] **METHOD FOR STORING AND RESTORING DATA OF A TELECOMMUNICATION INSTALLATION AND CORRESPONDING TELECOMMUNICATION INSTALLATION**  
[54] **PROCEDE DESTINE A SAUVEGARDER ET A RESTAURER DES DONNEES DANS UNE INSTALLATION DE TELECOMMUNICATION ET INSTALLATION DE TELECOMMUNICATION CORRESPONDANTE**  
[72] TRUMPFHELLER, THOMAS, DE  
[72] LANGE, ALFRED, DE  
[72] ENDRES, RUDIGER, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2001-01-15  
[86] 1999-07-13 (PCT/EP99/04947)  
[87] 2000-01-27 (WO00/04432)  
[30] EP (98113410.9) 1998-07-17

## Demandes PCT entrant en phase nationale

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[21] **2,337,132**  
[13] A1

[51] **Int.Cl. 7A61M 5/32**  
[25] EN  
[54] **TISSUE MAPPING INJECTION DEVICE**  
[54] **DISPOSITIF D'INJECTION POUR LA CARTOGRAPHIE DE TISSUS**  
[72] MILLER, ERIC C., US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[85] 2001-01-15  
[86] 2000-01-06 (PCT/US00/00190)  
[87] 2000-07-13 (WO00/40281)  
[30] US (60/114,824) 1999-01-06

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[21] **2,337,133**  
[13] A1

[51] **Int.Cl. 6A61B 17/04**  
[25] EN  
[54] **ABSORBABLE POLYMERS AND SURGICAL ARTICLES FABRICATED THEREFROM**  
[54] **POLYMERES RESORBABLES ET ARTICLES CHIRURGICAUX FABRIQUES A PARTIR DE CEUX-CI**  
[72] MEHTA, ROOMA M., US  
[72] KOKISH, LYDMILLA K., US  
[72] JONN, JERRY K., US  
[72] ROBY, MARK S., US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[85] 2001-01-15  
[86] 1999-06-07 (PCT/US99/12683)  
[87] 2000-01-13 (WO00/01307)  
[30] US (60/091,865) 1998-07-06  
[30] US (60/107,634) 1998-11-09

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[21] **2,337,134**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/66**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A CONNECTION TO A DATA NETWORK**  
[54] **PROCEDE ET APPAREIL ASSURANT UNE CONNEXION A UN RESEAU DE DONNEES**  
[72] HARTMAIER, PETER J., US  
[71] AT MOBILE.COM CORPORATION, US  
[85] 2001-01-15  
[86] 1999-07-16 (PCT/US99/16212)  
[87] 2000-01-27 (WO00/04689)  
[30] US (09/116,760) 1998-07-16

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[21] **2,337,135**  
[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04L 29/06 7H04L 29/12 7H04Q 7/22**  
[25] EN  
[54] **INTEGRATION OF VOICE AND DATA SERVICES PROVIDED TO A MOBILE WIRELESS DEVICE**  
[54] **INTEGRATION DE SERVICES VOCAUX ET DE DONNEES FOURNIS A UN DISPOSITIF MOBILE SANS FIL**  
[72] HARTMAIER, PETER J., US  
[71] AT MOBILE.COM CORPORATION, US  
[85] 2001-01-15  
[86] 1999-07-16 (PCT/US99/16108)  
[87] 2000-01-27 (WO00/04679)  
[30] US (09/116,507) 1998-07-16

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[21] **2,337,136**  
[13] A1

[51] **Int.Cl. 7H04M 3/54 7H04Q 7/38**  
[25] EN  
[54] **CALL TRANSFER ACTIVATION INDICATOR IN A RADIO TELECOMMUNICATIONS NETWORK**  
[54] **INDICATEUR D'ACTIVATION DE RESEAU DE RADIOTELECOMMUNICATIONS**  
[72] NGUYEN, THIEN, CA  
[72] NGUYEN, VIET, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-15  
[86] 1999-06-29 (PCT/SE99/01172)  
[87] 2000-01-27 (WO00/04697)  
[30] US (09/118,428) 1998-07-17

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[21] **2,337,137**  
[13] A1

[51] **Int.Cl. 6C07D 201/08**  
[25] FR  
[54] **PROCEDE DE VAPORISATION D'AMINONITRILE**  
[54] **METHOD FOR EVAPORATING AMINONITRILE**  
[72] CHIARELLI, HENRI, FR  
[72] BOCQUENET, GERALD, FR  
[72] LECONTE, PHILIPPE, FR  
[71] RHODIA FIBER AND RESIN INTERMEDIATES, FR  
[85] 2001-01-03  
[86] 1999-06-24 (PCT/FR99/01524)  
[87] 1999-12-29 (WO99/67214)  
[30] FR (98/08258) 1998-06-25

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[21] **2,337,138**  
[13] A1

[51] **Int.Cl. 6A61K 31/07 6A61K 31/595**  
[25] EN  
[54] **COMPOSITIONS AND METHODS OF TREATING ABNORMAL CELL PROLIFERATION**  
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT D'UNE PROLIFERATION CELLULAIRE ANORMALE**  
[72] ACHKAR, CHARLES C., US  
[71] ACHKAR, CHARLES C., US  
[85] 2001-01-15  
[86] 1999-07-13 (PCT/US99/15769)  
[87] 2000-01-27 (WO00/03700)  
[30] US (09/116,632) 1998-07-16

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[21] **2,337,139**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04Q 7/22 7H04L 12/66**  
[25] EN  
[54] **PACKET DATA NETWORK HAVING DISTRIBUTED DATABASE**  
[54] **RESEAU DE DONNEES PAR PAQUETS COMPRENANT UNE BASE DE DONNEES REPARTIE**  
[72] VALKO, ANDRAS, HU  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-15  
[86] 1999-07-20 (PCT/SE99/01295)  
[87] 2000-02-03 (WO00/05845)  
[30] US (09/121,993) 1998-07-24

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[21] **2,337,140**  
[13] A1

[51] **Int.Cl. 7C09D 7/12 7H01F 41/02**  
[25] FR  
[54] **ENDUIT MAGNETIQUE, PROCEDE D'ENDUCTION METTANT EN OEUVRE UN TEL ENDUIT ET DISPOSITIF POUR LA MISE EN OEUVRE DU PROCEDE**  
[54] **MAGNETIC COATING, COATING METHOD USING SAID COATING AND IMPLEMENTING DEVICE**  
[72] TEXIER, CLAUDE, FR  
[71] STTM, FR  
[85] 2001-01-03  
[86] 1999-07-07 (PCT/FR99/01640)  
[87] 2000-01-13 (WO00/01776)  
[30] FR (98/08668) 1998-07-07

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## PCT Applications Entering the National Phase

[21] **2,337,141**  
[13] A1

[51] **Int.Cl. 7H04B 7/005**  
[25] EN  
[54] **ADAPTIVE POWER MARGIN FOR HARD HANDOFFS IN CODE DIVISION MULTIPLE ACCESS BASED SYSTEMS**  
[54] **MARGE DE SECURITE ADAPTATIVE POUR TRANSFERTS INTERCELLULAIRES SANS SOLUTION DE CONTINUTE DANS DES SYSTEMES UTILISANT L'ACCES MULTIPLE PAR CODE DE REPARTITION**  
[72] CORBETT, EDDIE, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-15  
[86] 1999-07-13 (PCT/SE99/01265)  
[87] 2000-01-27 (WO00/04650)  
[30] US (09/116,264) 1998-07-16

[21] **2,337,142**  
[13] A1

[51] **Int.Cl. 7C08G 18/69 7H01B 3/30 7C08K 3/36 7C08G 18/65**  
[25] FR  
[54] **COMPOSITION POUR REMPLIR ET ETANCHER DES CONNECTEURS ELECTRIQUES**  
[54] **COMPOSITION FOR FILLING AND SEALING ELECTRIC CONNECTORS**  
[72] BONNET, EVELYNE, FR  
[72] MESLET, DAVID, FR  
[72] DEROCH, MAXIME, FR  
[71] ELF ATOCHEM S.A., FR  
[85] 2001-01-03  
[86] 1999-07-05 (PCT/FR99/01618)  
[87] 2000-01-13 (WO00/01751)  
[30] FR (98/08597) 1998-07-06

[21] **2,337,143**  
[13] A1

[51] **Int.Cl. 7B60R 21/20 7B60R 11/02 7B60R 13/02 7B60R 16/02 7B60R 7/04 7B60R 21/04 7B60R 13/10 7B60H 1/24**  
[25] EN  
[54] **MOTOR VEHICLE INTERIOR COMPONENTS**  
[54] **EQUIPEMENT INTERIEUR POUR AUTOMOBILE**  
[72] DULETZKE, SCOTT J., US  
[72] GALLAGHER, MICHAEL J., US  
[72] GRAY, JOHN D., US  
[72] IANNAZZI, PETER J., US  
[72] WANDYEZ, GLORIA D., US  
[72] FARRINGTON, SCOTT D., US  
[71] TEXTRON AUTOMOTIVE COMPANY INC., US  
[85] 2001-01-15  
[86] 1999-07-14 (PCT/US99/15831)  
[87] 2000-01-27 (WO00/03899)  
[30] US (09/116,163) 1998-07-16  
[30] US (09/116,413) 1998-07-16  
[30] US (60/093,099) 1998-07-16  
[30] US (09/120,510) 1998-07-22  
[30] US (09/127,681) 1998-07-31

[21] **2,337,145**  
[13] A1

[51] **Int.Cl. 7F27D 5/00 7C21D 9/00**  
[25] EN  
[54] **DEVICE FOR LOADING PARTS TO BE HEAT TREATED**  
[54] **DISPOSITIF DE CHARGEMENT DE PIECES A TRAITER THERMIQUEMENT**  
[72] MAUMUS, JEAN-PIERRE, FR  
[71] SOCIÉTÉ NATIONALE D'ÉTUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.", FR  
[85] 2001-01-04  
[86] 2000-05-04 (PCT/FR00/01206)  
[87] 2000-11-16 (WO00/68626)  
[30] FR (99/05692) 1999-05-05

[21] **2,337,146**  
[13] A1

[51] **Int.Cl. 6G02C 9/04 6G02C 9/00 6G02C 7/08**  
[25] EN  
[54] **SPECTACLE FRAMES**  
[54] **MONTURES DE LUNETTES**  
[72] MAUCH, FRANK RICHARD, AU  
[71] DOMANI EYEWEAR PTY LTD., AU  
[85] 2001-01-15  
[86] 1999-05-07 (PCT/AU99/00339)  
[87] 2000-06-08 (WO00/33124)  
[30] AU (PP 7347) 1998-11-26

[21] **2,337,148**  
[13] A1

[51] **Int.Cl. 7F16B 17/00 7B21D 39/03**  
[25] EN  
[54] **A JOINT FOR SHEET MATERIAL AND A METHOD OF JOINING SHEET MATERIAL**  
[54] **JOINT POUR UN MATERIAU SOUS FORME DE FEUILLE ET PROCEDE SERVANT A REUNIR CE TYPE DE MATERIAU**  
[72] BISHOP, JEFFREY CHARLES, GB  
[71] ROLLS-ROYCE PLC, GB  
[85] 2001-01-15  
[86] 1999-07-02 (PCT/GB99/02128)  
[87] 2000-01-27 (WO00/04295)  
[30] GB (9815606.0) 1998-07-18

[21] **2,337,149**  
[13] A1

[51] **Int.Cl. 7C08K 5/098 7B60C 1/00 7C08L 21/00**  
[25] FR  
[54] **PRODUIT A BASE DE CAOUTCHOUC, SON PROCEDE D'OBTENTION, PNEUMATIQUE CONSTITUE PAR CE PRODUIT ET PROCEDE POUR REDUIRE LA RESISTANCE AU ROULEMENT DE CE PNEUMATIQUE**  
[54] **RUBBER-BASED PRODUCT, METHOD FOR PRODUCING SAME, TYRE MADE FROM SAID PRODUCT TO REDUCE SAID TYRE ROLLING RESISTANCE**  
[72] PORNET, EMMANUELLE, FR  
[72] DUMERGUE, LUCETTE, FR  
[72] PAGANO, SALVATORE, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[85] 2001-01-04  
[86] 2000-05-03 (PCT/EP00/03944)  
[87] 2000-11-16 (WO00/68309)  
[30] FR (99/05892) 1999-05-07

## Demandes PCT entrant en phase nationale

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[21] **2,337,150**  
[13] A1  
[51] **Int.Cl. 6A61F 5/48 6A61F 2/02**  
[25] EN  
[54] **DEVICES AND METHODS FOR ASSESSMENT AND TREATMENT OF URINARY AND FECAL INCONTINENCE**  
[54] **DISPOSITIFS ET PROCÉDES PERMETTANT D'ÉVALUER ET DE TRAITER L'INCONTINENCE URINAIRE ET FÉCALE**  
[72] RYAN, TIMOTHY C., US  
[72] BENDEREV, THEODORE V., US  
[71] RYAN, TIMOTHY C., US  
[71] BENDEREV, THEODORE V., US  
[85] 2001-01-15  
[86] 1999-07-06 (PCT/US99/15226)  
[87] 2000-01-27 (WO00/03659)  
[30] US (09/116,696) 1998-07-16

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[21] **2,337,152**  
[13] A1  
[51] **Int.Cl. 7A61K 9/06 7A61K 31/7048 7A61K 35/78**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION INTENDED IN PARTICULAR FOR THE PREVENTION AND THE TREATMENT OF RADIOMUCOSITIS AND CHEMOMUCOSITIS**  
[54] **COMPOSITION PHARMACEUTIQUE DESTINÉE NOTAMMENT À LA PREVENTION ET AU TRAITEMENT DES RADIOMUCITES ET DES CHIMIOMUCITES**  
[72] NGUYEN, TAM, FR  
[72] LEYDER, JOELLE, FR  
[72] BESSE, JEROME, FR  
[71] LABORATOIRE L. LAFON, FR  
[85] 2001-01-15  
[86] 1999-07-19 (PCT/FR99/01760)  
[87] 2000-02-03 (WO00/04878)  
[30] FR (98/09230) 1998-07-20

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[21] **2,337,155**  
[13] A1  
[51] **Int.Cl. 7G01N 21/64 7G01N 21/77**  
[25] EN  
[54] **SENSOR ARRAYS FOR THE MEASUREMENT AND IDENTIFICATION OF MULTIPLE ANALYTES IN SOLUTIONS**  
[54] **MOSAÏQUE DE CAPTEURS PERMETTANT DE MESURER ET D'IDENTIFIER DES ANALYTES MULTIPLES DANS LES SOLUTIONS**  
[72] SHEAR, JASON B., US  
[72] MCDEVITT, JOHN T., US  
[72] ANSLYN, ERIC V., US  
[72] NEIKIRK, DEAN P., US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2001-01-15  
[86] 1999-07-16 (PCT/US99/16162)  
[87] 2000-01-27 (WO00/04372)  
[30] US (60/093,111) 1998-07-16  
[30] US (09/287,248) 1999-04-07

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[21] **2,337,158**  
[13] A1  
[51] **Int.Cl. 6G01N 21/86 6G01N 33/34**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING PROPERTIES OF A MOVING WEB**  
[54] **PROCÉDE ET APPAREIL POUR LA MESURE DES PROPRIÉTÉS D'UNE BANDE EN MOUVEMENT**  
[72] SHAKESPEARE, JOHN, FI  
[71] NELES PAPER AUTOMATION OY, FI  
[85] 2001-01-15  
[86] 1999-07-12 (PCT/FI99/00614)  
[87] 2000-01-27 (WO00/04374)  
[30] US (09/116,268) 1998-07-16

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[21] **2,337,161**  
[13] A1  
[51] **Int.Cl. 7H03M 13/00**  
[25] EN  
[54] **INTERLEAVING APPARATUS AND METHOD FOR USE IN SERIAL CONCATENATED CONVOLUTIONAL CODE ENCODER IN A MOBILE COMMUNICATION SYSTEM**  
[54] **PROCÉDE ET DISPOSITIF D'IMBRICATION POUR CODEUR À CODE CONVOLUTIONNEL CONCATENÉ EN SÉRIE DANS UN SYSTÈME DE COMMUNICATIONS MOBILES**  
[72] LEE, YOUNG-HWAN, KR  
[72] KIM, SE-HYOUNG, KR  
[72] KIM, BEONG-JO, KR  
[72] KIM, MIN-GOO, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-01-15  
[86] 2000-05-20 (PCT/KR00/00509)  
[87] 2000-11-30 (WO00/72448)  
[30] KR (1999/19095) 1999-05-20

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[21] **2,337,163**  
[13] A1  
[51] **Int.Cl. 7A61K 7/06**  
[25] EN  
[54] **HAIR CARE PRODUCT PROVIDING SHINE**  
[54] **PRODUITS POUR SOINS CAPILLAIRES PRODUISANT LA BRILLANCE**  
[72] YOUNG, WENDY VICTORIA JANE, GB  
[72] MCKELVEY, GRAHAM NEIL, GB  
[72] MCCANN, CHANTELE MARY, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-15  
[86] 1999-03-26 (PCT/US99/06119)  
[87] 2000-02-10 (WO00/06107)  
[30] US (PCT/US98/15872) 1998-07-30

## PCT Applications Entering the National Phase

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[21] **2,337,165**  
[13] A1

[51] **Int.Cl. 7A61K 7/06**  
[25] EN  
[54] **HAIR CARE COMPOSITIONS**  
[54] **COMPOSITIONS DE SOINS**  
**CAPILLAIRES**  
[72] MCKELVEY, GRAHAM NEIL, GB  
[72] YOUNG, WENDY VICTORIA JANE, GB  
[72] MCMEEKIN, ANTHONY, GB  
[72] MCCANN, CHANTELLE MARY, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-15  
[86] 1999-03-26 (PCT/US99/06114)  
[87] 2000-02-10 (WO00/06102)  
[30] US (PCT/US98/15749) 1998-07-30

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[21] **2,337,170**  
[13] A1

[51] **Int.Cl. 7F28F 9/06 7F28F 9/14**  
[25] EN  
[54] **REMOVABLE TUBE HEAT EXCHANGER AND HEADER PLATE**  
[54] **ECHANGEUR THERMIQUE MUNI DE TUBES ET DE PLAQUES DE DISTRIBUTION AMOVIBLES**  
[72] DOSEN, TODD G., US  
[72] COMSTOCK, JAMES, US  
[72] JANEZICH, ROBERT, US  
[71] L & M RADIATOR, INC., US  
[85] 2001-01-15  
[86] 1999-07-14 (PCT/US99/15903)  
[87] 2000-01-27 (WO00/04332)  
[30] US (60/092,826) 1998-07-14

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[21] **2,337,193**  
[13] A1

[51] **Int.Cl. 7B41M 5/00 7C08K 3/00 7C08K 9/02 7C08K 3/36**  
[25] EN  
[54] **FORMULATION SUITABLE FOR INK RECEPTIVE COATINGS**  
[54] **PREPARATION CONVENANT POUR ENDUITS RECEPTIFS A L'ENCRE**  
[72] MICHOS, DEMETRIUS, US  
[72] CHAPMAN, DAVID M., US  
[71] W.R. GRACE & CO.-CONN., US  
[85] 2001-01-09  
[86] 1999-06-22 (PCT/US99/13945)  
[87] 2000-01-20 (WO00/02734)  
[30] US (09/112,540) 1998-07-09

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[21] **2,337,195**  
[13] A1

[51] **Int.Cl. 7C01B 33/141**  
[25] EN  
[54] **DISPERSION OF FINE POROUS INORGANIC OXIDE PARTICLES AND PROCESSES FOR PREPARING SAME**  
[54] **DISPERSION DE FINES PARTICULES POREUSES D'OXYDE INORGANIQUE ET PROCEDES D'ELABORATION**  
[72] CHAPMAN, DAVID MONROE, US  
[72] PRYOR, JAMES NEIL, US  
[71] W.R. GRACE & CO.-CONN., US  
[85] 2001-01-09  
[86] 1999-07-07 (PCT/US99/15301)  
[87] 2000-01-20 (WO00/02814)  
[30] US (09/112,416) 1998-07-09  
[30] US (09/343,842) 1999-06-30

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[21] **2,337,196**  
[13] A1

[51] **Int.Cl. 7H04N 7/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LIMITING DATA RATE AND IMAGE QUALITY LOSS IN LOSSY COMPRESSION OF SEQUENCES OF DIGITAL IMAGES**  
[54] **PROCEDE ET APPAREIL DE LIMITATION DU DEBIT DE DONNEES ET DE LA PERTE DE QUALITE D'IMAGE DANS LA COMPRESSION DE SEQUENCES D'IMAGES NUMERIQUES AVEC PERTE**  
[72] HOAG, DAVID F., US  
[72] CORNOG, KATHERINE H., US  
[71] AVID TECHNOLOGY, INC., US  
[85] 2001-01-09  
[86] 1999-04-07 (PCT/US99/07678)  
[87] 2000-01-20 (WO00/03546)  
[30] US (09/113,954) 1998-07-10

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[21] **2,337,198**  
[13] A1

[51] **Int.Cl. 6D21G 7/00 6D21F 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANUFACTURING CALENDERED PAPER**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE PAPIER CALANDRE**  
[72] HEIKKINEN, ANTTI, FI  
[72] LINNONMAA, PEKKA, FI  
[71] VALMET CORPORATION, FI  
[85] 2001-01-09  
[86] 1999-07-12 (PCT/FI99/00616)  
[87] 2000-01-20 (WO00/03088)  
[30] FI (981594) 1998-07-10  
[30] FI (982582) 1998-11-27

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[21] **2,337,200**  
[13] A1

[51] **Int.Cl. 6B61H 1/00 6B60T 1/04 6B61H 13/34**  
[25] EN  
[54] **A BOGIE BRAKE**  
[54] **FREIN DE BOGIE**  
[72] EMILSSON, FRED, SE  
[71] SAB WABCO AB, SE  
[85] 2001-01-09  
[86] 1999-07-12 (PCT/SE99/01252)  
[87] 2000-01-20 (WO00/02756)  
[30] SE (9802514-1) 1998-07-13

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[21] **2,337,202**  
[13] A1

[51] **Int.Cl. 7B24B 37/04 7B24D 13/14 7B24D 3/32**  
[25] EN  
[54] **POLISHING PADS FOR A SEMICONDUCTOR SUBSTRATE**  
[54] **TAMPON A POLIR POUR SUBSTRAT SEMICONDUCTEUR**  
[72] SEVILLA, ROLAND K., US  
[72] KAUFMAN, FRANK B., US  
[72] ANJUR, SRIRAM P., US  
[71] CABOT CORPORATION, US  
[85] 2001-01-09  
[86] 1999-07-08 (PCT/US99/15629)  
[87] 2000-01-20 (WO00/02708)  
[30] US (09/114,003) 1998-07-10

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## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,337,203</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B25B 23/18</b> [25] EN [54] <b>ILLUMINATION FOR POWER TOOLS</b> [54] <b>DISPOSITIF D'ECLAIRAGE POUR OUTILS MECANIQUES</b> [72] VAN OSENBRUGGEN, ANTHONY ALFRED, NZ [71] AVOS DEVELOPMENTS LIMITED, NZ [85] 2001-01-09 [86] 1998-07-08 (PCT/NZ98/00096) [87] 1999-01-21 (WO99/02310) [30] NZ (328305) 1997-07-10 [30] NZ (328880) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,337,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/00 6C12M 1/00 6C12Q 1/02 6C12Q 1/04</b> [25] EN [54] <b>EVACUATED SENSOR DEVICE FOR DETECTING MICROORGANISMS IN BLOOD SAMPLES, AND METHOD THEREFOR</b> [54] <b>DISPOSITIF CAPTEUR SOUS VIDE PERMETTANT DE DETECTER DES MICRO-ORGANISMES DANS LES PRELEVEMENTS DE SANG, ET PROCEDE D'UTILISATION</b> [72] HYMAN, JONES M., US [72] JEFFREY, SCOTT R., US [72] THORPE, THURMAN C., US [72] MARESCH, MARTIN J., US [72] MATSUMURA, PAUL M., US [71] AKZO NOBEL N.V., NL [85] 2001-01-09 [86] 1999-07-12 (PCT/US99/15599) [87] 2000-01-20 (WO00/03035) [30] US (09/113,929) 1998-07-10</p>	<p style="text-align: right;">[21] <b>2,337,212</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 6/083 7A61K 6/02</b> [25] EN [54] <b>COMPOSITE VENEERED CAST GLASS-CERAMIC DENTAL CONSTRUCT</b> [54] <b>CONSTRUCTION DENTAIRE VITROCERAMIQUE MOULEE AVEC FACETTE EN MATERIAU COMPOSITE</b> [72] RIZKALLA, AMIN S., CA [72] JONES, DEREK W., CA [72] HALL, GORDON C., CA [71] NEW AGE BIOMATERIALS, INC., CA [85] 2001-01-09 [86] 1999-07-09 (PCT/US99/15548) [87] 2000-01-20 (WO00/02525) [30] US (60/092,484) 1998-07-10</p>
<p style="text-align: right;">[21] <b>2,337,204</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 27/00 6D04H 1/72</b> [25] EN [54] <b>NITS SEPARATOR</b> [54] <b>SEPARATEUR DE NOEUDS</b> [72] SORENSEN, ELMGAARD BIRGER, DK [71] M &amp; J FIBRETECH A/S, DK [85] 2001-01-09 [86] 1999-07-13 (PCT/DK99/00401) [87] 2000-01-27 (WO00/04232) [30] DK (PA 1998 00933) 1998-07-14</p>	<p style="text-align: right;">[21] <b>2,337,209</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/02</b> [25] EN [54] <b>SPECULUM</b> [54] <b>SPECULUM</b> [72] DAVIDSON, GALE E., US [72] HIER, KATHRYN L., US [71] HIER SPEC, INC., US [85] 2001-01-09 [86] 1999-06-30 (PCT/US99/14838) [87] 2000-01-20 (WO00/02487) [30] US (60/092,301) 1998-07-10</p>	<p style="text-align: right;">[21] <b>2,337,213</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/343 7A61P 13/12 7A61K 31/5585 7C07D 307/93</b> [25] EN [54] <b>THERAPEUTIC AGENT FOR RENAL FAILURE</b> [54] <b>AGENT THERAPEUTIQUE POUR L'INSUFFISANCE RENALE</b> [72] SUZUKI, MOTOHIRO, JP [72] KURUMATANI, HAJIMU, JP [71] TORAY INDUSTRIES, INC., JP [85] 2001-01-09 [86] 2000-05-10 (PCT/JP00/02973) [87] 2000-11-16 (WO00/67748) [30] JP (11/129139) 1999-05-10</p>
<p style="text-align: right;">[21] <b>2,337,206</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/48 7C08L 71/02 7C08G 18/40 7C08G 18/65</b> [25] EN [54] <b>DISPERSION POLYOLS FOR HYPERSOFT POLYURETHANE FOAM</b> [54] <b>POLYOLS DE DISPERSION POUR MOUSSE POLYURETHANE HYPERMOLLE</b> [72] HAGER, STANLEY L., US [72] REESE, JACK R., II, US [71] BAYER ANTWERPEN N.V., BE [85] 2001-01-09 [86] 1999-07-12 (PCT/EP99/04878) [87] 2000-01-27 (WO00/04071) [30] US (09/114,792) 1998-07-13</p>	<p style="text-align: right;">[21] <b>2,337,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 4/66 6H01M 4/02 6H01M 4/38 6H01M 4/40 6H01M 10/40</b> [25] EN [54] <b>ELECTRODE MATERIAL AND COMPOSITIONS INCLUDING SAME</b> [54] <b>MATERIAU D'ELECTRODE ET COMPOSITIONS LE COMPRENANT</b> [72] TURNER, ROBERT L., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2001-01-09 [86] 1999-01-21 (PCT/US99/01254) [87] 2000-01-20 (WO00/03444) [30] US (09/113,385) 1998-07-10</p>	<p style="text-align: right;">[21] <b>2,337,216</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/38 7A61K 7/32</b> [25] EN [54] <b>ANTIPERSPIRANT COMPOSITIONS CONTAINING CALCIUM SALTS</b> [54] <b>COMPOSITIONS ANTISUDORALES CONTENANT DES SELS DE CALCIUM</b> [72] THONG, STEPHEN HONG-KWEE, US [72] PRODOUZ, KRISTINA N., US [72] WEBER, TERESA M., US [71] THE GILLETTE COMPANY, US [85] 2001-01-09 [86] 1999-08-05 (PCT/US99/17781) [87] 2000-03-02 (WO00/10521) [30] US (09/136,770) 1998-08-19</p>

## PCT Applications Entering the National Phase

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[21] **2,337,217**  
[13] A1  
[51] **Int.Cl. 7B41J 2/485 7B41J 19/20 7B41J 3/54**  
[25] EN  
[54] **ENHANCING PRINTHEAD UTILIZATION**  
[54] **UTILISATION ETENDUE DE TETE D'IMPRESSION**  
[72] HIPPI, CHRISTIAN J., US  
[72] MOSCATO, ANTHONY V., US  
[71] MOORE NORTH AMERICA, INC., US  
[85] 2001-01-09  
[86] 2000-05-04 (PCT/US00/12035)  
[87] 2000-11-16 (WO00/68019)  
[30] US (09/307,783) 1999-05-10

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[21] **2,337,219**  
[13] A1  
[51] **Int.Cl. 6B65B 31/06**  
[25] EN  
[54] **FILLER NECK CLOSURE ASSEMBLY**  
[54] **ENSEMBLE FERMETURE A COL DE REMPLISSAGE**  
[72] JOBE, JASON K., US  
[72] HARRIS, ROBERT S., US  
[71] STANT MANUFACTURING INC., US  
[85] 2001-01-09  
[86] 1999-07-09 (PCT/US99/15617)  
[87] 2000-01-20 (WO00/02778)  
[30] US (60/092,300) 1998-07-10

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[21] **2,337,220**  
[13] A1  
[51] **Int.Cl. 6B32B 3/10 6F16L 21/00 6B32B 31/28**  
[25] EN  
[54] **SIMULTANEOUS BUTT AND LAP JOINTS**  
[54] **JOINTS DE RECOUVREMENT ET JOINTS ABOUTES PRODUITS SIMULTANEMENT**  
[72] SAVITSKI, ALEXANDER, US  
[72] GRIMM, ROBERT A., US  
[71] EDISON WELDING INSTITUTE, US  
[85] 2001-01-09  
[86] 1999-07-09 (PCT/US99/15467)  
[87] 2000-01-20 (WO00/02723)  
[30] US (60/092,396) 1998-07-10

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[21] **2,337,223**  
[13] A1  
[51] **Int.Cl. 7G02B 5/28**  
[25] EN  
[54] **DUAL TRANSMISSION BAND INTERFERENCE FILTER**  
[54] **FILTRE D'INTERFERENCE A BANDE DE TRANSMISSION DOUBLE**  
[72] ARCHAMBAULT, JEAN-LUC, US  
[72] PELEKHATY, VLADIMIR, US  
[71] CIENA CORPORATION, US  
[85] 2001-01-09  
[86] 2000-04-17 (PCT/US00/10072)  
[87] 2000-10-26 (WO00/63728)  
[30] US (60/130,212) 1999-04-20

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[21] **2,337,225**  
[13] A1  
[51] **Int.Cl. 6C07H 19/067 6C12P 19/38 6A61K 31/72**  
[25] EN  
[54] **NOVEL ANTIBACTERIAL COMPOUNDS**  
[54] **NOUVEAUX COMPOSES ANTIBACTERIENS**  
[72] TAKATSU, TOSHIO, JP  
[72] OGAWA, YASUMASA, JP  
[72] ARAI, MASATOSHI, JP  
[72] MIYAKOSHI, SHUNICHI, JP  
[72] KIZUKA, MASAOKI, JP  
[72] HOTODA, HITOSHI, JP  
[72] KANEKO, MASAKATSU, JP  
[72] INUKAI, MASATOSHI, JP  
[71] SANKYO COMPANY LIMITED, JP  
[85] 2001-01-09  
[86] 1999-07-09 (PCT/JP99/03718)  
[87] 2000-01-20 (WO00/02892)  
[30] JP (10/194285) 1998-07-09  
[30] JP (10/269445) 1998-09-24

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[21] **2,337,257**  
[13] A1  
[51] **Int.Cl. 7B62H 5/00 7B62H 3/00**  
[25] FR  
[54] **DISPOSITIF D'IMMOBILISATION D'UN VEHICULE NOTAMMENT A DEUX ROUES**  
[54] **METHOD FOR LOCKING A VEHICLE, IN PARTICULAR A TWO-WHEELER**  
[72] TRIBOUT, MICHEL, FR  
[71] TRIBOUT, MICHEL, FR  
[85] 2001-01-05  
[86] 1999-07-07 (PCT/FR99/01644)  
[87] 2000-01-13 (WO00/01571)  
[30] FR (98/08785) 1998-07-07

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[21] **2,337,258**  
[13] A1  
[51] **Int.Cl. 7C07D 213/73 7C07D 401/04 7C07D 405/12 7C07C 271/22 7C07C 233/44 7A61K 31/44 7A61K 31/495**  
[25] FR  
[54] **DERIVES DE 2-AMINOPYRIDINES, LEUR UTILISATION EN TANT QUE MEDICAMENTS ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**  
[54] **2-AMINOPYRIDINE ERIVATIVES, THEIR USE AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] HARNETT, JERRY, FR  
[72] ULIBARRI, GERARD, FR  
[72] PONS, DOMINIQUE, FR  
[72] AUVIN, SERGE, FR  
[72] CHABRIER DE LASSAUNIERE, PIERRE-ETIENNE, FR  
[72] BIGG, DENNIS, FR  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R, FR  
[85] 2001-01-05  
[86] 1999-07-05 (PCT/FR99/01610)  
[87] 2000-01-20 (WO00/02860)  
[30] FR (98/08732) 1998-07-08  
[30] FR (99/04133) 1999-04-02

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[21] **2,337,259**  
[13] A1  
[51] **Int.Cl. 7B60C 23/06 7B60C 19/00 7B60B 21/02 7B60C 17/04 7B60C 23/04**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UNE CONDITION DE ROULAGE A PLAT D'UN PNEUMATIQUE-INSERTS, ROUES ET PNEUMATIQUES CONCUS POUR CE PROCEDE**  
[54] **METHOD AND DEVICE FOR DETECTING A TYRE FLAT RUNNING CONDITION, INSERTS, WHEELS AND TYRES THEREFOR**  
[72] DUFURNIER, ARNAUD, FR  
[72] DOSJOUR, ANDRE, FR  
[71] SOCIETE DE TECHNOLOGIE MICHELIN, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE, CH  
[85] 2001-01-05  
[86] 1999-06-28 (PCT/EP99/04464)  
[87] 2000-01-13 (WO00/01545)  
[30] FR (98/08655) 1998-07-06

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,337,260</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C21D 8/02 7C21D 1/18</b> [25] FR [54] <b>PRODUIT PLAT, TEL QUE TOLE, D'UN ACIER A HAUTE LIMITE D'ELASTICITE MONTRANT UNE BONNE DUCTILITE ET PROCEDE DE FABRICATION DE CE PRODUIT</b> [54] <b>FLAT PRODUCT, SUCH AS SHEET METAL, MADE OF STEEL WITH HIGH YIELD STRENGTH HAVING GOOD DUCTILITY AND METHOD FOR MAKING SAME</b> [72] EBERLE, KLAUS, DE [72] CANTINIEAUX, PIERRE, BE [72] HARLET, PHILIPPE, BE [71] RECHERCHE ET DEVELOPPEMENT DU GROUPE COCKERILL SAMBRE, RD-CS, BE [85] 2001-01-05 [86] 1999-07-07 (PCT/BE99/00088) [87] 2000-01-20 (WO00/03041) [30] EP (98202377.2) 1998-07-08 [30] EP (98870255.1) 1998-11-19</p>	<p style="text-align: right;">[21] <b>2,337,262</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/08</b> [25] FR [54] <b>ORTHESE COMPRESSIVE DU TYPE BAS OU COLLANT DE CONTENTION</b> [54] <b>COMPRESSIVE ORTHOSIS SUCH AS RETENTION STOCKING OR TIGHTS</b> [72] GUYOT, FRANCOIS, CH [72] GARDON-MOLLARD, CHRISTIAN, FR [71] INNOTHERA TOPIC INTERNATIONAL, S.A., FR [85] 2001-01-05 [86] 1999-07-01 (PCT/FR99/01585) [87] 2000-01-13 (WO00/01332) [30] FR (98/08638) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,337,265</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/70</b> [25] FR [54] <b>DISPOSITIF D'OSTEOSYNTHESE RACHIDIENNE POUR FIXATION ANTERIEURE AVEC PLAQUE</b> [54] <b>BACKBONE OSTEOSYNTHESIS DEVICE FOR ANTERIOR FIXING WITH PLATE</b> [72] MANGIONE, PAOLO, FR [72] PASQUET, DENIS, FR [72] LE COUEDIC, REGIS, FR [72] CONCHY, FREDERIC, FR [71] DIMSO (DISTRIBUTION MEDICALE DU SUD-OUEST), FR [85] 2001-01-05 [86] 1999-04-27 (PCT/FR99/00994) [87] 2000-01-13 (WO00/01314) [30] FR (98/08602) 1998-07-06</p>
<p style="text-align: right;">[21] <b>2,337,261</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/425 7A61K 31/215 7A61K 31/42 7A61K 31/445 7A61K 31/47 7A61K 31/495 7A61K 31/535 7A61K 31/55 7A61K 31/66</b> [25] FR [54] <b>UTILISATION D'INHIBITEURS DE PRENYLTRANSFERASES POUR PREPARER UN MEDICAMENT DESTINE A TRAITER LES PATHOLOGIES QUI RESULTENT DE LA FIXATION MEMBRANAIRE DE LA PROTEINE G HETEROTRIMERIQUE</b> [54] <b>USE OF PRENYLTRANSFERASE INHIBITORS FOR PREPARING A MEDICINE FOR TREATING PATHOLOGIES RESULTING FROM HETEROTRIMERIC G PROTEIN MEMBRANE FIXATION</b> [72] LONCHAMPT, MARIE-ODILE, FR [72] PREVOST, GREGOIRE, FR [71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R, FR [85] 2001-01-05 [86] 1999-07-05 (PCT/FR99/01611) [87] 2000-01-20 (WO00/02558) [30] FR (98/08730) 1998-07-08</p>	<p style="text-align: right;">[21] <b>2,337,263</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 15/00 6B65D 81/32</b> [25] FR [54] <b>APPLICATEUR A MULTI-COMPARTIMENT A USAGE UNIQUE</b> [54] <b>DISPOSABLE APPLICATOR WITH MULTIPLE CELLS</b> [72] FLEURY, LYDIE, FR [71] FLEURY, LYDIE, FR [85] 2001-01-05 [86] 1998-07-08 (PCT/FR98/01463) [87] 2000-01-20 (WO00/02513)</p>	<p style="text-align: right;">[21] <b>2,337,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F15B 15/20 7F15B 15/26</b> [25] FR [54] <b>VERIN A PRECOURSE D'APPROCHE ET COURSE DE TRAVAIL, POUR LA MANOEUVRE D'UN OUTIL</b> [54] <b>ACTUATOR WITH APPROACH PRE-STROKE AND WORKING STROKE FOR OPERATING A TOOL</b> [72] TIBERGHIE, OLIVIER, FR [72] BOYER, JEAN NOEL, FR [72] CHEVASSU, DANIEL, FR [71] ARO, FR [85] 2001-01-05 [86] 1999-07-06 (PCT/FR99/01626) [87] 2000-01-20 (WO00/03145) [30] FR (98/08752) 1998-07-08</p>
<p style="text-align: right;">[21] <b>2,337,264</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08G 5/04 7G05D 1/00 7G01S 5/00</b> [25] FR [54] <b>DISPOSITIF DESTINE A AMELIORER LA SECURITE DES AERONEFS EN REGIME DE VOL A VUE</b> [54] <b>DEVICE FOR IMPROVING THE SECURITY OF AIRCRAFT IN VISUAL FLIGHT REGIME</b> [72] GRAVIER, BORIS, FR [72] LE TALLEC, CLAUDE, FR [71] ONERA (OFFICE NATIONAL D'ÉTUDES ET DE RECHERCHES AÉROSPATIALES), FR [85] 2001-01-05 [86] 1999-07-02 (PCT/FR99/01594) [87] 2000-01-13 (WO00/02176) [30] FR (98/08606) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,337,264</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08G 5/04 7G05D 1/00 7G01S 5/00</b> [25] FR [54] <b>DISPOSITIF DESTINE A AMELIORER LA SECURITE DES AERONEFS EN REGIME DE VOL A VUE</b> [54] <b>DEVICE FOR IMPROVING THE SECURITY OF AIRCRAFT IN VISUAL FLIGHT REGIME</b> [72] GRAVIER, BORIS, FR [72] LE TALLEC, CLAUDE, FR [71] ONERA (OFFICE NATIONAL D'ÉTUDES ET DE RECHERCHES AÉROSPATIALES), FR [85] 2001-01-05 [86] 1999-07-02 (PCT/FR99/01594) [87] 2000-01-13 (WO00/02176) [30] FR (98/08606) 1998-07-06</p>	<p style="text-align: right;">[21] <b>2,337,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F15B 15/20 7F15B 15/26</b> [25] FR [54] <b>VERIN A PRECOURSE D'APPROCHE ET COURSE DE TRAVAIL, POUR LA MANOEUVRE D'UN OUTIL</b> [54] <b>ACTUATOR WITH APPROACH PRE-STROKE AND WORKING STROKE FOR OPERATING A TOOL</b> [72] TIBERGHIE, OLIVIER, FR [72] BOYER, JEAN NOEL, FR [72] CHEVASSU, DANIEL, FR [71] ARO, FR [85] 2001-01-05 [86] 1999-07-06 (PCT/FR99/01626) [87] 2000-01-20 (WO00/03145) [30] FR (98/08752) 1998-07-08</p>

## PCT Applications Entering the National Phase

[21] **2,337,422**  
[13] A1

[51] **Int.Cl. 7A61K 38/00**  
[25] EN  
[54] **PREVENTING AIRWAY MUCUS PRODUCTION BY ADMINISTRATION OF EGF-R ANTAGONISTS**  
[54] **INHIBITION DE LA PRODUCTION DE MUCUS DANS LES VOIES RESPIRATOIRES PAR L'ADMINISTRATION D'ANTAGONISTES D'EGF-R**  
[72] TAKEYAMA, KIYOSHI, JP  
[72] NADEL, JAY A., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-01-12  
[86] 1999-08-17 (PCT/US99/18696)  
[87] 2000-03-02 (WO00/10588)  
[30] US (60/097,023) 1998-08-18

[21] **2,337,431**  
[13] A1

[51] **Int.Cl. 7B24D 3/00 7B24D 11/00 7B24D 11/02**  
[25] EN  
[54] **CURL-RESISTANT BACKSIDE COATING LAYER FOR ABRASIVE PAPER**  
[54] **REVETEMENT DE FEUILLE DE SUPPORT RESISTANT AU RECOUILLEMENT POUR PAPIER ABRASIF**  
[72] KRONZER, FRANCIS JOSEPH, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2001-01-12  
[86] 1999-08-27 (PCT/US99/27875)  
[87] 2000-03-23 (WO00/15389)  
[30] US (09/141,053) 1998-08-27

[21] **2,337,433**  
[13] A1

[51] **Int.Cl. 7G01N 21/86 7G01N 21/89**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OPTICALLY MEASURING PROPERTIES OF A MOVING WEB**  
[54] **PROCEDE ET APPAREIL POUR LA MESURE OPTIQUE DES PROPRIETES D'UNE BANDE EN MOUVEMENT**  
[72] SHAKESPEARE, JOHN, FI  
[72] SHAKESPEAR, TARJA, FI  
[71] NELES PAPER AUTOMATION OY, FI  
[85] 2001-01-12  
[86] 1999-07-12 (PCT/FI99/00613)  
[87] 2000-01-27 (WO00/04373)  
[30] US (09/115,363) 1998-07-14

[21] **2,337,436**  
[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61P 25/18**  
[25] EN  
[54] **USE OF (S) (-)-AMISULPRIDE FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF SCHIZOPHRENIA**  
[54] **UTILISATION DE (S)(-)-AMISULPRIDE POUR LA FABRICATION D'UN MEDICAMENT PERMETTANT DE TRAITER LES SYMPTOMES POSITIFS, NEGATIFS, AFFECTIFS OU COGNITIFS DE LA SCHIZOPHRENIE**  
[72] PERRAULT, GHISLAINE, FR  
[72] SCHOEMAKER, HANS, FR  
[72] MIGET, JOEL, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 2001-01-12  
[86] 1999-07-08 (PCT/EP99/05325)  
[87] 2000-01-27 (WO00/03740)  
[30] US (09/114,900) 1998-07-14

[21] **2,337,438**  
[13] A1

[51] **Int.Cl. 6C07K 4/00 6C07K 14/00 6A61K 38/02 6A61K 38/03 6C07K 4/12 6A61K 38/16 6C07K 16/18 6C07K 14/435 6C07K 14/705**  
[25] EN  
[54] **NOVEL INHIBITORS OF ANGIOGENESIS AND TUMOR GROWTH**  
[54] **NOUVEAUX INHIBITEURS DE L'ANGIOGENESE ET DE LA CROISSANCE TUMORALE**  
[72] GILL, PARKASH S., US  
[71] GILL, PARKASH S., US  
[85] 2001-01-12  
[86] 1999-07-12 (PCT/US99/15772)  
[87] 2000-01-20 (WO00/02902)  
[30] US (60/092,647) 1998-07-13

[21] **2,337,440**  
[13] A1

[51] **Int.Cl. 7A61M 25/01 7A61B 1/00 7A61M 25/00**  
[25] EN  
[54] **GUIDE WIRE INSERTION AND RE-INSERTION TOOLS AND METHODS OF USE**  
[54] **INSTRUMENTS D'INSERTION ET REINSERTION DE GUIDE METALLIQUE, ET PROCEDES D'UTILISATION ASSOCIES**  
[72] YEARICK, JAMES, US  
[72] WINDHEUSER, JAMES E., US  
[72] CARRILLO, OSCAR R., JR., US  
[72] ALLMAN, ROBERT C., US  
[72] DE TOLEDO, FERNANDO ALVAREZ, US  
[72] MAY, NORMAN C., US  
[72] EVANS, STEPHEN C., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-01-12  
[86] 2000-03-17 (PCT/US00/07363)  
[87] 2000-11-23 (WO00/69500)  
[30] US (09/312,438) 1999-05-14

[21] **2,337,441**  
[13] A1

[51] **Int.Cl. 7D06L 1/02**  
[25] EN  
[54] **DRY CLEANING METHOD AND SOLVENT**  
[54] **PROCEDE ET SOLVANT DE NETTOYAGE A SEC**  
[72] BERNDT, WOLF-DIETER R., US  
[72] GRIFFIS, JOHN MCLEOD, US  
[71] GREENEARTH CLEANING, LLC, US  
[85] 2001-01-12  
[86] 1999-07-14 (PCT/US99/15920)  
[87] 2000-01-27 (WO00/04221)  
[30] US (09/115,352) 1998-07-14  
[30] US (09/304,430) 1999-05-03

[21] **2,337,442**  
[13] A1

[51] **Int.Cl. 7B27M 3/00 7B32B 7/08 7E04C 2/12 7B32B 21/13**  
[25] EN  
[54] **PREFABRICATED LAMINATED WOOD MEMBER**  
[54] **ELEMENT EN BOIS STRATIFIE PREFABRIQUE**  
[72] THOMA, ERWIN, AT  
[71] THOMA, ERWIN, AT  
[85] 2001-01-12  
[86] 1999-07-07 (PCT/AT99/00172)  
[87] 2000-01-27 (WO00/03850)  
[30] AT (A 1205/98) 1998-07-13

## Demandes PCT entrant en phase nationale

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[21] **2,337,443**

[13] A1

[51] **Int.Cl. 7C03C 27/04 7B60J 10/00  
7B32B 17/10 7C03C 27/12 7C03C 17/38  
7C03C 17/42**

[25] EN

[54] **TRANSPARENCY WITH COATING  
HAVING PRIMER FOR EDGE SEAL**

[54] **PAROI TRANSPARENTE  
COMPRENANT UN REVETEMENT  
MUNI D'UN PRIMAIRE SERVANT DE  
PRODUIT DE SCELLEMENT  
PERIPHERIQUE**

[72] FREEMAN, GLENN E., US

[72] CLAAR, JAMES A., US

[72] YEH, THOMAS, US

[71] PPG INDUSTRIES OHIO, INC., US

[85] 2001-01-12

[86] 1999-07-30 (PCT/US99/17416)

[87] 2000-02-10 (WO00/06512)

[30] US (60/094,800) 1998-07-31

[30] US (09/364,644) 1999-07-30

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[21] **2,337,902**

[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00  
7C12N 15/11**

[25] EN

[54] **MAIZE REPLICATION PROTEIN A**

[54] **PROTEINE DE REPLICATION A  
DU MAIS**

[72] MAHAJAN, PRAMOD, US

[71] PIONEER HI-BRED  
INTERNATIONAL, INC., US

[85] 2001-03-16

[86] 1999-09-15 (PCT/US99/21277)

[87] 2000-03-23 (WO00/15816)

[30] US (60/100,690) 1998-09-17

[30] US (60/123,896) 1999-03-11



## **PCT Applications Entering the National Phase**

## Canadian Divisional and Previously Unavailable Laid-Open applications

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[21] **2,331,088**

[13] A1

[51] Int.Cl. 7C07K 16/42 7A61K 49/00  
7C12P 21/08 7G01N 33/574 7G01N 33/577

[25] EN

[54] URINARY TUMOR ASSOCIATED  
ANTIGEN, ANTIGENIC SUBUNITS  
USES AND METHODS OF DETECTION

[54] ANTIGENE ASSOCIE A UNE  
TUMEUR URINAIRE, UTILISATIONS  
DE SOUS-UNITES ANTIGENIQUES ET  
METHODES DE DETECTION

[72] EUHUS, DAVID M., US

[72] GUPTA, RISHAB K., US

[72] MORTON, DONALD L., US

[71] EUHUS, DAVID M., US

[71] GUPTA, RISHAB K., US

[71] MORTON, DONALD L., US

[22] 1990-10-31

[43] 1991-05-04

[62] 2,072,620

[30] US (431,533) 1989-11-03

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[21] **2,336,561**

[13] A1

[51] Int.Cl. 7C12N 5/12 7C12P 21/08  
7C12N 5/18 7C07K 16/28 7A61K 39/395  
7G01N 33/532 7G01N 33/577

[25] EN

[54] MONOCLONAL ANTIBODY TO  
LYMPHOCYTE-ASSOCIATED CELL  
SURFACE PROTEIN

[54] ANTICORPS MONOCLONAL  
DIRIGE CONTRE UNE PROTEINE DE  
SURFACE D'UNE CELLULE ASSOCIEE  
AUX LYMPHOCYTES

[72] TEDDER, THOMAS F., US

[72] SPERTINI, OLIVIER G., US

[71] DANA-FARBER CANCER  
INSTITUTE, US

[22] 1992-06-24

[43] 1993-01-07

[62] 2,112,408

[30] US (07/720,602) 1991-06-25

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[21] **2,337,121**

[13] A1

[51] Int.Cl. 7B01D 53/18 7C01B 17/02  
7B01F 3/04 7B03D 1/16 7C02F 3/20 7B01D  
53/52

[25] EN

[54] METHOD AND APPARATUS FOR  
EFFECTING GAS-LIQUID CONTACT

[54] METHODE ET APPAREIL DE  
SEPARATION GAZ-LIQUIDE PAR  
CONTACT

[72] SMITH, JAMES W., CA

[72] HARBINSON, JOHN N., CA

[72] ELLENOR, DAVID TODD R., CA

[71] THE UNIVERSITY OF TORONTO

INNOVATIONS FOUNDATION, CA

[71] APOLLO ENVIRONMENTAL

SYSTEMS CORP., CA

[22] 1993-04-05

[43] 1993-10-14

[62] 2,133,454

[30] US (07/863,720) 1992-04-03

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[21] **2,337,131**

[13] A1

[51] Int.Cl. 7B01J 10/00 7C01B 17/02  
7C10C 3/04 7B01F 3/04

[25] EN

[54] METHOD AND APPARATUS FOR  
EFFECTING GAS-LIQUID CONTACT

[54] METHODE ET APPAREIL DE  
SEPARATION GAZ-LIQUIDE PAR  
CONTACT

[72] ELLENOR, DAVID TODD R., CA

[72] HARBINSON, JOHN N., CA

[72] SMITH, JAMES W., CA

[71] THE UNIVERSITY OF TORONTO

INNOVATIONS FOUNDATION, CA

[71] APOLLO ENVIRONMENTAL

SYSTEMS CORP., CA

[22] 1993-04-05

[43] 1993-10-14

[62] 2,133,454

[30] US (07/863,720) 1992-04-03

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[21] **2,337,439**

[13] A1

[51] Int.Cl. 7G02B 6/12

[25] EN

[54] SILICA WAVEGUIDE STRUCTURE

[54] STRUCTURE DE GUIDAGE DE  
LUMIERE FAITE DE SILICE

[72] MAXWELL, GRAEME DOUGLAS,  
GB

[72] BARBAROSSA, GIOVANNI, IT

[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB

[22] 1993-02-05

[43] 1993-08-19

[62] 2,129,237

[30] GB (9202463.7) 1992-02-05

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[21] **2,337,581**

[13] A1

[51] Int.Cl. 7C07D 401/12 7A61P 1/04  
7A61K 31/4439

[25] EN

[54] OPTICALLY PURE SALTS OF  
PYRIDINYLMETHYL SULFINYL-1H-  
BENZIMIDAZOLE COMPOUNDS AND  
INTERMEDIATES IN THE  
PREPARATION THEREFOR

[54] SELS OPTIQUEMENT PURES DE  
COMPOSES PYRIDINYLMETHYLE  
SULFINYLE-1H-BENZIMIDAZOLE ET  
D'INTERMEDIAIRES DANS LA  
PREPARATION

[72] VON UNGE, SVERKER, SE

[72] LINDBERG, PER LENNART, SE

[71] ASTRAZENECA AB, SE

[22] 1994-05-27

[43] 1994-12-08

[62] 2,139,653

[30] SE (9301830-7) 1993-05-28

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## Canadian Divisional and Previously Unavailable Laid-Open applications

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[21] **2,337,582**

[13] A1

[51] **Int.Cl. 7B01J 8/24**

[25] EN

[54] **VAPOR PHASE POLYMERIZER**

[54] **POLYMERISATEUR EN PHASE**

**VAPEUR**

[72] KIKUCHI, YOSHIAKI, JP

[72] ICHIMURA, MITSUNORI, JP

[72] OKANO, TOSHIHIRO, JP

[72] YAMAMOTO, RYOICHI, JP

[71] MITSUI CHEMICALS INC., JP

[22] 1997-05-13

[43] 1997-11-14

[62] 2,205,272

[30] JP (119355/1996) 1996-05-14

[30] JP (258450/1996) 1996-09-30

[30] JP (68233/1997) 1997-03-21

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BACKLER, RANDY	2,285,507	BONNIER, DENI	2,293,925	CHRISTIE, PETER A.	2,320,637
BAE SYSTEMS ELECTRONICS LIMITED	2,309,478	BORING, DAVID ERIC	2,322,390	CITY OF RICHMOND	2,290,550
BAITHADKA, SREEDHARA	2,321,622	BOWERS, JERALD A.	2,320,067	CIVOLANI, LORENZO	2,322,118
BAKER, NIGEL	2,285,128	BOWLER, EDWARD F., JR.	2,319,935	CLARK, STEPHEN	2,284,512
BAKER, NIGEL	2,320,613	BOX, BRIAN	2,321,368	COLELLA, BARRY D.	2,321,368
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BATEY, ROBERT A.	2,285,578	BRELSFORD, DAVID PAUL	2,315,446	CONSOLIDATED PAPERS, INC.	2,284,469
BATHE, BRIGITTE	2,319,716	BRIE, ALAIN	2,322,128	COPPERWELD CANADA INC.	2,284,845
BATHE, BRIGITTE	2,319,722	BROEKHUIZEN, WILLEM	2,320,629	CORKOPT LIMITED	2,321,942
BATTAT, DAVID	2,319,935	BROWN, ANTHONY D.	2,314,650	CORNEY, JOHN MICHAEL	2,309,478
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		BRUNNER, AMY M.	2,319,853	COTTET, MICHEL	2,286,383
		BRYANT, ROBERT R.	2,321,510	COWLING, TEDDY BEN	2,316,007
		BRYNDZIA, MICHAEL R.	2,311,186	COWLING, TEDDY BEN	2,316,129
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		BUCCI, KIMBERLEY	2,310,350	CROZET, YVES	2,321,803
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		BURGER, DONALD	2,317,384		
		BURKE, ANDREA	2,311,186		

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DAINIPPON INK AND CHEMICALS, INC.	2,322,372	ETHICON ENDO-SURGERY, INC.	2,322,124	GRABOW, STAN ALLAN	2,285,723
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DEERE & COMPANY	2,313,425	FANTOM TECHNOLOGIES INC.	2,296,129	GREER, DALE R.	2,322,367
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ILLINOIS TOOL WORKS INC.	2,317,197	KALINOWSKI, JORN	2,319,716	ANONYME POUR	
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LUCENT TECHNOLOGIES INC.	2,321,412	MCCOY, RICHARD W.	2,322,148	NEUROHR, MARK A.	2,322,061
LUCENT TECHNOLOGIES INC.	2,321,428	McDUFF, RODRIGUE	2,285,508	NEWMAN, LEONARD M.	2,321,456
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MACNAMARA, JOHN J.	2,320,635	MENZIES, RICHARD G.	2,321,385	NISHI, TOHRU	2,322,104
MACPHERSON, CHARLES D.	2,316,496	MERCEDE, JOHN J., JR.	2,322,065	NISHIWAKI, SUSUMU	2,321,614
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MAJETICH, JEFFERY S.	2,321,485	MEURER, CHARLES LONNIE	2,286,888	NORMILE, JAMES M.	2,321,510
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		MILLER, ALVIN B.	2,322,074	NORTEL NETWORKS CORPORATION	2,311,844
		MILLER, DOROTHY JUNE	2,285,699	NORTEL NETWORKS CORPORATION	2,313,439
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		MILLIMAN, KEITH	2,320,600	NORTEL NETWORKS CORPORATION	2,316,496
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		MITEL CORPORATION	2,321,407		
		MITSUBISHI HEAVY INDUSTRIES, LTD.	2,319,663		
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		MIZUTANI, SATOSHI	2,322,078		
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FERRARIO, NINO P.	2,336,483	GENERAL ELECTRIC COMPANY	2,336,581	GRUNDT, ELKE	2,336,400
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		GIERTZ, HANS-JOSEF	2,337,006	H.B. FULLER LICENSING & FINANCING, INC.	2,336,343
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MARCHAND, JEAN-PIERRE	2,336,817	MENTON S.A.	2,336,005	VASILIEVICH	2,336,461
MARES, FRANK	2,336,216	MENZEL, ROLF	2,335,392	MOLAND, LARS GUSTAV	2,336,607
MARESCH, MARTIN J.	2,337,208	MERCK & CO., INC.	2,334,045	MOLECULAR CIRCUITRY, INC.	2,336,441
MARGULIS, RAFAEL	2,336,415	MERCK & CO., INC.	2,335,272	MONNIER, OLIVIER	2,335,545
MARKKULA, TOMMI	2,336,149	MERCK & CO., INC.	2,336,192	MOORE NORTH AMERICA, INC.	
MARLIN, JOHN EMORY II	2,336,196	MERCK & CO., INC.	2,336,201		2,337,217
MAROIS, PIERRE HENRI	2,336,687	MERCK & CO., INC.	2,336,475	MOORE, KAREN	2,335,378
MARS UK LIMITED	2,336,357	MERCK & CO., INC.	2,336,992	MOORE, PAUL A.	2,335,655
MARTIN, DARREN LEE	2,336,626	MERCK AND CO., INC.	2,336,054	MOORE, ROGER	2,335,814
MARTIN, JUDITH D.	2,335,790	MERCK PATENT		MOREAU, JACQUES-PIERRE	2,335,654
MARTIN, MARC	2,337,059	GESELLSCHAFT MIT		MORFINO, GIUSEPPE	2,336,606
MARTIN, THOMAS	2,336,894	BESCHRANKTER		MORI, NAOKO	2,336,673
MARTINEZ, ALBERTO	2,335,651	HAFTUNG	2,336,009	MORRIS, ROBERT E.	2,336,571
MARTINEZ, JAVIER	2,334,046	MERCK PATENT		MORRISON, IAN	2,336,596
MARX, HANS-NORBERT	2,336,931	GESELLSCHAFT MIT		MORSY, MANAL A.	2,334,045
MASCHMEYER, DIETRICH	2,336,316	BESCHRANKTER		MOSCATO, ANTHONY V.	2,337,217
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MASON, OLIVER EDWIN		MERCURI, ROBERT ANGELO	2,336,647	MOTOROLA INC.	2,336,547
CLARKE	2,336,094	MERIAL, INC.	2,336,809	MOTOROLA, INC.	2,336,947
MASONITE CORPORATION	2,336,649	MERICHEM COMPANY	2,336,610	MOTOROLA, INC.	2,336,954
MASSCHELEIN, AXEL	2,336,398	MERK, CLAUDIA	2,336,800	MPB COLOGNE GMBH	
MASTERS, DONALD	2,336,891	MERKEL, CAROLYN M.	2,336,635	MOLECULAR PLANT &	
MATHEW, ABY	2,336,661	MERRELL, MICHELLE	2,336,649	PROTEIN	
MATSUDA, YUZURU	2,336,412	MESLET, DAVID	2,337,142	BIOTECHNOLOGY	2,336,064
MATSUI SHIKISO CHEMICAL		MESZAROS, LADISLAUS	2,336,644	MTU AERO ENGINES GMBH	2,336,045
CO., LTD.	2,290,340	METAMORPHIX, INC.	2,333,465	MU, YONGQI	2,336,445
MATSUMOTO, KAYO	2,332,698	METTILLE, PAUL A.	2,336,212	MUELLER, BRIAN L.	2,336,482
MATSUMOTO, WATARU	2,336,686	MEYER, MARK GUTHRIE	2,336,280	MUIZZUDDIN, NEELAM	2,336,362
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NEW AGE BIOMATERIALS, INC.		GEORGE	2,336,604	PPG INDUSTRIES OHIO, INC.	2,337,443
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NISSAN DIESEL CO.,LTD	2,336,422	PARKER HUGHES INSTITUTE	2,336,294	(UK) LIMITED	2,336,376
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NOSKOV, ALEXANDER		PATHAK, GIRISH	2,336,048	RASPE, ERIC	2,336,009
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NOTTLE, MARK BRENTON	2,336,437	PATTERSON, CHANDRA	2,332,309	REAUX, JAMES	2,336,646
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NTT DOCOMO, INC.	2,336,700	PAYLING, STEPHEN REX	2,336,584	DEVELOPPEMENT DU	
NUCCI, GIUSEPPE	2,335,930	PECKER, IRIS	2,335,382	GROUPE COCKERILL	
NURMI, HANNELE	2,336,672	PEDUEL, YUVAL	2,336,465	SAMBRE, RD-CS	2,337,260
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O'CONNOR, DANIEL C.	2,335,936	PENDHARKAR, SANYOG		REDMAN, DENNIS W.	2,336,013
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O'HANDLEY, ROBERT C.	2,336,603	PENTTINEN, TAPANI	2,336,898	REGENERON	
OHTA, YOSHIHISA	2,336,412	PERKINS, JAMES H.	2,336,927	PHARMACEUTICALS, INC.	2,334,042
OKUI, AKIRA	2,332,131	PERNEEL, PETER MARIE		REHRIG PACIFIC COMPANY	2,336,484
OLD, LLOYD J.	2,334,914	KAMIEL	2,336,658	REICHENBACH, HANS	2,336,189
OLOFSSON, LARS-ANDERS	2,336,936	PERRAULT, GHISLAINE	2,337,436	REIER, GEORGE E.	2,336,570
OLSEN, ARNE AGERLIN	2,333,491	PERRINO, THOMAS	2,336,632	REINHARD, ROBERT	2,336,468
OLSSON, ULF INGEMAR	2,336,611	PESSACH, BENNY	2,336,588	RELAG PTY LTD.	2,336,437
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REY, CLAUDIO G.	2,336,483	S.C. JOHNSON COMMERCIAL		SCHWARTZ, STEVEN J.	2,336,465
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SMITH, JONATHAN F.	2,336,554	STEINER, JOSEPH P.	2,336,147	TELEFONAKTIEBOLAGET LM	
SMITH, MARK RODNEY	2,336,047	STEINER, JOSEPH P.	2,336,148	ERICSSON	2,336,255
SMITH, ROY G.	2,335,272	STEINER, JOSEPH P.	2,336,152	TELEFONAKTIEBOLAGET LM	
SMITH, STANLEY DESMOND	2,336,609	STEINER, JOSEPH P.	2,336,154	ERICSSON	2,336,392
SMITH, STEVEN DALE	2,335,793	STEINMETZ, HEINRICH	2,336,189	TELEFONAKTIEBOLAGET LM	
SMITH, SUSAN STEWART	2,336,376	STEVANOVIC, STEFAN	2,334,914	ERICSSON	2,336,440
SMITHKLINE BEECHAM		STICHTING SANQUIN	2,336,217	TELEFONAKTIEBOLAGET LM	
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SMITHKLINE BEECHAM P.L.C.	2,336,470	STISO, ALBERT J.	2,336,921	TELEFONAKTIEBOLAGET LM	
SO.L.E. SOCIETA' LUCE		STOCHNIOL, GUIDO	2,336,316	ERICSSON	2,336,621
ELETRICA S.P.A. GRUPPO		STOCKHAUSEN GMBH & CO.		TELEFONAKTIEBOLAGET LM	
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SOCIETE DE CONSEILS DE		STOREY, JOHN J.	2,335,789	TELEFONAKTIEBOLAGET LM	
RECHERCHES ET		STOVER, AXEL	2,334,043	ERICSSON	2,336,939
D'APPLICATIONS		STRALIN, ANDERS	2,336,672	TELEFONAKTIEBOLAGET LM	
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