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**The Patent  
Office  
Record**

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

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Starting with the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) is no longer managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

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

In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until March 31, 2000, after which copies will be available for a fee.

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### Avis important aux abonnés

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

Depuis avril 1999, on peut consulter ou télécharger la Gazette, sans frais, à partir du site Web de l'OPIC : [opic.gc.ca](http://opic.gc.ca). D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

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'au 31 mars, 2000, après quoi des frais s'appliqueront.

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Site Web : <http://opic.gc.ca> sous la rubrique Communiquer avec nous, Demandes de renseignements reliés à la propriété intellectuelle

Courriel : [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca)

Téléphone : (819) 997-2985 (de 8h à 16h45 HNE)

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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 26, 1999 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 26 octobre 1999 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

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

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

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#### A) Copies sur papier

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

## Notices

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

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

E-mail: tic@micromedia.on.ca

### B) Microform Copies

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

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

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

### 6. Orders for Patents By Class or Sub-Class

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

A charge of ten dollars (\$10) per paper copy, or four dollars (\$4) per microfiche copy, plus postage and taxes, will apply to copies of all patents supplied.

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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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Courriel: tic@micromedia.on.ca

### B) Copies en microforme

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

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

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

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

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

### 7. Advice on Making a Patent Application

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

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

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

### 8. Licensing of Patents

#### Voluntary Licences

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

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

#### Licences librement accordées

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

#### Compulsory Licences

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

#### Licences obligatoires

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

### 9. Patents Available for Licence or Sale

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

### 9. Brevets disponibles pour licence ou vente

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

## Notices

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

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

2,228,042          2,246,949

### 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. 1,145,100 which issued on April 18, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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

### 13. Language of Published Documents

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

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

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

2,228,042          2,246,949

### 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 18 avril 1983 sont maintenant expirés, jusque et y compris le no. 1,145,100. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### 12. Demandes mises à la disponibilité du public

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

### 13. Langue du document publié

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



**Avis**

**14. Patent Cooperation Treaty (PCT)**

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

**SCHEDULE OF FEES APPLICABLE  
AS OF JANUARY 01, 2000**

**BARÈME DE TAXES À PARTIR DU  
1 JANVIER 2000**

<b>FEES</b>	<b>AMOUNTS</b>
	\$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	630.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	136.00
The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 8 countries are designated the fee remains \$1,088.00	

<b>TAXES</b>	<b>MONTANTS</b>
	\$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	630,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	136,00
Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 8 pays sont désignés, la taxe demeure 1 088,00 \$.	

**4. International Search Fee** 1,450.00  
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.

**4. Taxe de recherche internationale** 1 450,00  
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.

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

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

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

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

**Preliminary Examination**

**Examen préliminaire**

**6. Handling Fee:** 287.51 Deutsche Marks  
(Rule 57.2(a)) 147.00 Euro Dollars

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

**6. Taxe de traitement:** 287,51 marks allemands  
(Règle 57.2(a)) 147,00 dollars euro

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

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

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

\* International fees will be reduced by \$194.00 for all applications filed using PCT-Easy.

\*Les frais seront réduits par 194.00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. PCT Notices

#### PCT Signature Requirements

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

#### Patent Cooperation Treaty (PCT)

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

### 16. Easter system shutdown

The Canadian Intellectual Property Office (CIPO) will be performing maintenance on its systems during the Easter weekend. The Canadian Patent Database on the Internet will not be available from 12:00 noon (EDT) Thursday, April 20, 2000 until 8:00 a.m. Tuesday, April 25, 2000. In addition, the TechSource database will not be available from 3:00 p.m. on Thursday so that CIPO staff will be unable to respond to requests requiring access to this system until 8:00 a.m. Tuesday morning.

Please note that the electronic mail system will not be available from 5:00 p.m. Thursday, April 20 until Tuesday April 25, 2000. Electronic commerce transactions will not be affected.

We apologize for any inconvenience this may cause.

### 15. Avis PCT

#### Exigences des signatures du PCT

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

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

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

### 16. Arrêt des systèmes informatiques à Pâques

L'Office de la propriété intellectuelle du Canada (OPIC) procédera à des travaux d'entretien de ses systèmes informatiques au cours du weekend de Pâques. La Base de données sur les brevets canadiens sur Internet ne sera pas disponible entre 12h (midi-H.A.E.) le jeudi, 20 avril 2000 et 8h le mardi, 25 avril 2000. En outre, la base de données TechSource ne sera pas accessible après 15h, le jeudi 20 avril. Par conséquent, le personnel de l'OPIC ne sera pas en mesure de répondre aux demandes des clients jusqu'à ce que le système soit à nouveau opérationnel, soit à 8h mardi matin.

Veillez prendre note que le système de courrier électronique sera disponible jusqu'à 17h, le jeudi 20 avril et sera à nouveau accessible le mardi, 25 avril 2000. Les transactions commerciales électroniques ne seront pas affectées.

Nous nous excusons de tout inconvénient que cela pourrait vous occasionner.

## Avis

### 17. Erratum

Information regarding the grant of the following application referred to in the Canadian Patent Office Record of April 4, 2000 was in error. No patent was issued under this number.

2,149,038

### 18. Laid-Open Applications

The Patent Office Record of April 18, 2000 contains laid-open applications from March 26, 2000 - April 1, 2000.

### 17. Erratum

Les renseignements fournis sous le numéro de la demande suivante, dans la Gazette du bureau des brevets du 4 avril 2000, étaient erronés. Aucun brevet n'a été émi sous ce numéro.

2,149,038

### 18. 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 26 mars 2000 - 1 avril 2000.

# Canadian Patents Issued

April 18, 2000

## Brevets canadiens délivrés

18 avril 2000

---

[11] **1,340,960**  
[13] C  
[52] 260-255 167-211 260-264.7 260-266.7  
260-277.7 260-279.4  
[51] **Int.Cl. 6C07D 405/04 6A61K 31/44**  
**6A61K 31/495**  
[25] EN  
[54] **CHROMAN DERIVATIVES**  
[54] **DERIVES DE CHROMANE**  
[72] Hausler, Gunther, DE  
[72] Gericke, Rolf, DE  
[72] Wurziger, Hanns, DE  
[72] Baumgarth, Manfred, DE  
[72] Lues, Inge, DE  
[73] **MERCK PATENT GESELLSCHAFT**  
**MIT BESCHRANKTER HAFTUNG, DE**  
[21] **554,945**  
[22] 1987-12-21  
[30] DE (P 36 44 094.9) 1986-12-23  
[30] DE (P 37 26 261.0) 1987-08-07  
[60] 1989-09-28

---

[11] **1,340,961**  
[13] C  
[52] 260-229 167-202  
[51] **Int.Cl. 6C07H 19/04 6A61K 31/70**  
[25] EN  
[54] **2', 3' - DIDEOXY - 2' -**  
**FLUORONUCLEOSIDES**  
[54] **2', -3' - DIDESOXY - 2' -**  
**FLUORONUCLEOSIDES**  
[72] Sterzycki, Roman Z., US  
[72] Mansuri, Muzammil M., US  
[72] Martin, John C., US  
[73] **BRISTOL-MYERS SQUIBB**  
**COMPANY, US**  
[21] **583,061**  
[22] 1988-11-14  
[30] US (120,051) 1987-11-12

---

[11] **1,340,962**  
[13] C  
[52] 260-251 167-211 167-271 260-268.5  
260-280 260-295 260-543.5 260-544.4  
[51] **Int.Cl. 6C07C 281/18 6C07D 213/75**  
**6A61K 31/155 6A61K 31/44**  
[25] EN  
[54] **ARYLHYDRAZONES**  
[54] **ARYLHYDRAZONES**  
[72] Stanek, Jaroslav, CH  
[72] Caravatti, Giorgio, CH  
[72] Frei, Jorg, CH  
[72] Capraro, Hans-Georg, CH  
[73] **Novartis AG, CH**  
[21] **594,714**  
[22] 1989-03-23  
[30] CH (1139/88-9) 1988-03-25

---

[11] **1,340,963**  
[13] C  
[52] 195-1.235 167-103.45 167-103.9 167-  
129 530-13.00  
[51] **Int.Cl. 6C12N 15/30 6C07K 14/445**  
**6C07H 21/04 6A61K 39/015 6A61K 38/17**  
[25] EN  
[54] **GENE FOR ENCODING A HUMAN**  
**MALARIA VACCINE ANTIGEN**  
[54] **GENE CODANT POUR UN**  
**ANTIGENE CONTENU DANS UN**  
**VACCIN CONTRE LA MALARIA**  
**HUMAINE**  
[72] Miller, Louis H., US  
[72] Kaslow, David C., US  
[73] **United States of America, as represented**  
**by the Secretary, U.S. Department of**  
**Commerce (The), US**  
[21] **597,875**  
[22] 1989-04-26  
[30] US (188,918) 1988-05-02

---

[11] **1,340,964**  
[13] C  
[52] 530-7.38 167-103.43 530-7.1  
[51] **Int.Cl. 6C07K 14/00 6C07K 14/695**  
**6A61K 38/35**  
[25] EN  
[54] **CRF ANALOGS**  
[54] **ANALOGUES DU CRF**  
[72] Rivier, Jean E. F., US  
[72] Vale, Wylie W., Jr., US  
[73] **SALK INSTITUTE FOR BIOLOGICAL**  
**STUDIES (THE), US**  
[21] **611,353**  
[22] 1989-09-14  
[30] US (251,674) 1988-09-30

---

[11] **1,340,965**  
[13] C  
[52] 260-457.4 260-462 400-7072  
[51] **Int.Cl. 6C07F 9/15 6C08K 5/52**  
[25] EN  
[54] **3, 9-**  
**DISPHOSPHASPIROUNDECANES AND**  
**PROCESS FOR MAKING 3,9-**  
**DIPHOSPHASPIROUNDECANES**  
[54] **3, 9-**  
**DIPHOSPHASPIROUNDECANES ET**  
**LEUR PROCEDE DE FABRICATION**  
[72] Hobbs, Stephen J., US  
[72] Sheehan, Kevin J., US  
[72] Enlow, William P., US  
[73] **GE SPECIALTY CHEMICALS, INC.,**  
**US**  
[21] **612,323**  
[22] 1989-09-21

Canadian Patents Issued  
April 18, 2000

---

[11] **1,340,966**  
[13] C

[52] 150-15.3 358-9  
[51] **Int.Cl. 6C12Q 1/37**  
[25] EN  
[54] **METHOD OF PROTEIN ANALYSIS**  
[54] **PROCEDE D'ANALYSE DES**  
**PROTEINES**  
[72] Covey, Thomas R., US  
[72] Huang, Eric, US  
[72] Henion, Jack, US  
[73] MDS Inc., CA  
[73] CORNELL RESEARCH  
FOUNDATION, INC., US  
[21] **614,552**  
[22] 1989-09-29  
[30] US (07/354,617) 1989-05-19

---

[11] **1,340,967**  
[13] C

[52] 325-10 325-30  
[51] **Int.Cl. 6H04Q 7/38 6H04B 7/185**  
[25] EN  
[54] **SATELLITE CELLULAR**  
**TELEPHONE AND DATA**  
**COMMUNICATION SYSTEM**  
[54] **SYSTEME DE TELEPHONIE**  
**CELLULAIRE ET DE TRANSMISSION**  
**DE DONNEES PAR SATELLITE**  
[72] Bertiger, Bary Robert, US  
[72] Leopold, Raymond Joseph, US  
[72] Peterson, Kenneth Maynard, US  
[73] Motorola, Inc., US  
[21] **617,034**  
[22] 1995-11-14  
[62] 611,234 1989-09-13  
[30] US (263,849) 1988-10-28

---

[11] **1,340,968**  
[13] C

[52] 328-87  
[51] **Int.Cl. 6H03K 5/135 6H03M 1/00**  
[25] EN  
[54] **SIGNAL PROCESSING**  
**APPARATUS**  
[54] **APPAREIL POUR LE**  
**TRAITEMENT DE SIGNAUX**  
[72] Kakuishi, Mitsuo, JP  
[72] Ueshima, Tsuyoshi, JP  
[73] FUJITSU LIMITED, JP  
[21] **617,096**  
[22] 1998-05-06  
[62] 601,892 1989-06-06  
[30] JP (63-140692) 1988-06-08  
[30] JP (63-183487) 1988-07-25

---

---

[11] **2,000,075**  
[13] C

[51] **Int.Cl. 5A45D 33/12**  
[25] EN  
[54] **ROLL-ON DISPENSER**  
[54] **DISTRIBUTEUR A ROULEAU**  
**APPLICATEUR**  
[72] Bengston, John A., US  
[73] UNILEVER PLC, GB  
[22] 1989-10-03  
[30] US (253,256) 1988-10-04

---

[11] **2,000,382**  
[13] C

[51] **Int.Cl. 6H01R 13/629 6H01R 23/70**  
[25] EN  
[54] **HIGH DENSITY AND HIGH**  
**SIGNAL INTEGRITY CONNECTOR**  
[54] **CONNECTEUR A HAUTE**  
**DENSITE, ET INTEGRITE ACCRUE DE**  
**SIGNAL**  
[72] Perry, Michael, US  
[72] Yasumura, Gary, US  
[73] BETA PHASE, INC., US  
[22] 1989-10-10  
[30] US (255,500) 1988-10-11  
[30] US (388,832) 1989-08-03

---

[11] **2,001,302**  
[13] C

[51] **Int.Cl. 5A61M 16/04 5A61B 17/34**  
[25] EN  
[54] **SURGICAL INSTRUMENTS AND**  
**ASSEMBLIES**  
[54] **INSTRUMENTS CHIRURGICAUX**  
**ET ACCESSOIRES**  
[72] Lester, Graham George, GB  
[73] SMITHS INDUSTRIES PUBLIC  
LIMITED COMPANY, GB  
[22] 1989-10-24  
[30] GB (8825749) 1988-11-03

---

[11] **2,001,976**  
[13] C

[51] **Int.Cl. 5C07F 9/38 5C07F 15/00**  
**5C22B 3/44**  
[25] EN  
[54] **PHOSPHONIC ACIDS AND THEIR**  
**USES IN SEPARATION**  
[54] **ACIDES PHOSPHORIQUES**  
**UTILISES EN SEPARATION**  
[72] Horwitz, Earl P., US  
[72] Gatrone, Ralph C., US  
[72] Nash, Kenneth L., US  
[73] Arch Development Corp., US  
[22] 1989-11-01  
[30] US (265,608) 1988-11-01  
[30] US (351,402) 1989-05-12

---

---

[11] **2,002,354**  
[13] C

[51] **Int.Cl. 5B65G 47/24**  
[25] FR  
[54] **DISPOSITIF DE**  
**POSITIONNEMENT DE FEUILLES DE**  
**VERRE**  
[54] **DEVICE FOR THE POSITIONING**  
**OF GLASS SHEETS**  
[72] Kuster, Hans-Werner, DE  
[72] Vanaschen, Luc, BE  
[73] Saint-Gobain Vitrage International, FR  
[22] 1989-11-03  
[30] DE (P 38 37 471.4) 1988-11-04

---

[11] **2,003,323**  
[13] C

[51] **Int.Cl. 5B31F 5/06**  
[25] EN  
[54] **CUT OFF BLADE FOR SEVERING**  
**MULTIPLE LAYERS OF THIN**  
**POLYMERIC SHEET MATERIAL**  
[54] **LAME DE SECTIONNEMENT**  
**POUR FEUILLES MINCES DE**  
**POLYMERES ENTASSEES**  
[72] Longworth, Frederic A., US  
[73] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US  
[22] 1989-11-20  
[30] US (283,237) 1988-12-12

---

[11] **2,003,519**  
[13] C

[51] **Int.Cl. 5C11D 3/08 5C11D 1/22**  
**5C11D 1/68 5C11D 1/72**  
[25] EN  
[54] **A PASTE-FORM LOW-FOAMING**  
**NON-PHOSPHATE DETERGENT**  
[54] **DETERSIF EN PATE EXEMPT DE**  
**PHOSPHATE, A FAIBLE POUVOIR**  
**MOUSSANT**  
[72] Trabitzschn, Uwe, DE  
[72] Amberg, Guenther, DE  
[73] HENKEL  
KOMMANDITGESELLSCHAFT AUF  
AKTIEN, DE  
[22] 1989-11-21  
[30] DE (P 38 39 602.5) 1988-11-24

---

**Brevets canadiens délivrés  
18 avril 2000**

---

[11] **2,004,717**  
[13] C

[51] **Int.Cl. 5G06F 15/21**  
[25] EN  
[54] **CERTIFIED WEIGHER-SHORT PAID MAIL**  
[54] **SYSTEME DE CERTIFICATION DE L'AFFRANCHISSEMENT DU COURRIER**  
[72] Sansone, Ronald P., US  
[72] Keating, Raymond, US  
[72] Wall, Joseph W., US  
[72] Durst, Robert T., Jr., US  
[73] PITNEY BOWES INC., US  
[22] 1989-12-06  
[30] US (285,146) 1988-12-16

---

[11] **2,005,425**  
[13] C

[51] **Int.Cl. 5C07C 29/136 5C07D 307/08 5C07C 31/20**  
[25] EN  
[54] **PROCESS FOR PRODUCING 1,4-BUTANEDIOL AND TETRAHYDROFURAN**  
[54] **METHODE DE PREPARATION DE BUTANE-1,4-DIOL ET DE TETRAHYDROFURANE**  
[72] Suzuki, Sadakatsu, JP  
[72] Inagaki, Hiroyuki, JP  
[72] Ueno, Hiroshi, JP  
[73] TONEN CORPORATION, JP  
[22] 1989-12-13  
[30] JP (313,760) 1988-12-14

---

[11] **2,007,189**  
[13] C

[51] **Int.Cl. 5C07F 9/40 5A01N 57/10 5C07F 9/572**  
[25] EN  
[54] **INHIBITION OF MERCAPTAN ODOR IN ORGANOTHIOPHOSPHATE BIOCIDES**  
[54] **ELIMINATION DE L'ODEUR DE MERCAPTAN DANS DES BIOCIDES A BASSE DE THIOPHOSPHATE ORGANIQUE**  
[72] Chen, Chia-Chung, US  
[72] Rider, Richard H., US  
[72] Lo, Ray J., US  
[73] IMPERIAL CHEMICAL INDUSTRIES PLC, GB  
[22] 1990-01-04  
[30] US (07/293,244) 1989-01-04

---

---

[11] **2,009,388**  
[13] C

[51] **Int.Cl. 5H01H 77/00**  
[25] EN  
[54] **SWITCH CONFIGURATION WITH INTEGRAL SENSING AND POWER SUPPLY APPARATUS**  
[54] **COMMUTATEUR AVEC DETECTION INTEGREE DES PARAMETRES D'UN CIRCUIT ET ALIMENTATION EN ENERGIE NECESSAIRE A LA MANOEUVRE DE CONTACTS**  
[72] Tobin, Thomas J., US  
[72] Chabala, Leonard V., US  
[72] Ramos, Joel A., US  
[72] Swanson, Roy T., US  
[73] S & C Electric Company, US  
[22] 1990-02-06  
[30] US (07/331,311) 1989-03-30

---

[11] **2,009,570**  
[13] C

[51] **Int.Cl. 5A61L 15/58**  
[25] EN  
[54] **ELECTROTRANSPORT ADHESIVE**  
[54] **ADHESIF ELECTROTRANSMISSIF**  
[72] Gyory, J. Richard, US  
[72] Haak, Ronald P., US  
[72] Theeuwes, Felix, US  
[72] Lew, Patrick J., US  
[73] ALZA Corporation, US  
[22] 1990-02-08  
[30] US (308,716) 1989-02-09

---

[11] **2,009,680**  
[13] C

[51] **Int.Cl. 5B01J 13/00**  
[25] EN  
[54] **PROCESS FOR PREPARING MONOLITHS OF AEROGELS OF METAL OXIDES**  
[54] **METHODE DE PREPARATION DE MONOLITHES D'AEROGELS D'OXYDES METALLIQUES**  
[72] Cogliati, Guido, IT  
[72] Bezzi, Giovanni, IT  
[73] Enichem S.p.A., IT  
[22] 1990-02-09  
[30] IT (19 404 A/89) 1989-02-10

---

---

[11] **2,010,180**  
[13] C

[51] **Int.Cl. 5C07D 231/28 5A61K 31/415 5A01N 43/56**  
[25] EN  
[54] **PESTICIDAL 3-CYANO-5-ALKOXY-1-ARYLPYRAZOLES**  
[54] **3-CYANO-5-ALCOXY-1-ARYLPYRAZOLES UTILISES COMME PESTICIDES**  
[72] D'Silva, Themistocles Damasceno Joaquim, US  
[72] Powell, Gail Scotton, US  
[72] Timmons, Philip Reid, US  
[72] Pennicard, Richard Glyn, US  
[73] Rhone-Poulenc Agrochimie, FR  
[22] 1990-02-15  
[30] US (317,722) 1989-03-02

---

[11] **2,010,248**  
[13] C

[51] **Int.Cl. 5B01J 38/56**  
[25] EN  
[54] **RECOVERY OF DOUBLE METAL CYANIDE COMPLEX CATALYST FROM A POLYMER**  
[54] **RECUPERATION D'UN CATALYSEUR COMPLEXE A BASE DE CYANURE METALLIQUE DOUBLE DANS UN POLYMER**  
[72] Schuchardt, Jonathan L., US  
[73] ARCO CHEMICAL TECHNOLOGY, INC., US  
[22] 1990-02-16  
[30] US (07/315,662) 1989-02-27

---

[11] **2,012,663**  
[13] C

[51] **Int.Cl. 5B01J 21/06 5B01J 35/04**  
[25] EN  
[54] **TITANIA EXTRUDATES**  
[54] **PRODUIT D'EXTRUSION A BASE D'ANHYDRIDE TITANIQUE**  
[72] Daamen, Jacobus Theodorus, NL  
[72] Van Veen, Johannes Anthonius Robert, NL  
[72] Schaper, Hennie, NL  
[73] SHELL CANADA LIMITED, CA  
[22] 1990-03-21  
[30] GB (8906726.8) 1989-03-23

---

Canadian Patents Issued  
April 18, 2000

[11] 2,014,646  
[13] C

[51] Int.Cl. 5A01N 43/26 5A01N 43/64  
[25] EN  
[54] SYNERGISTIC COMPOSITIONS CONTAINING PROPICONAZOLE AND TEBUCONAZOLE  
[54] COMPOSITIONS SYNERGIQUES CONTENANT DE LA PROPYCONAZOLE ET DE LA TEBUCONAZOLE  
[72] Valcke, Alex R.A., BE  
[73] Janssen Pharmaceutica, naamloze vennootschap, BE  
[22] 1990-04-17  
[30] GB (89.08.794.4) 1989-04-19

[11] 2,015,247  
[13] C

[51] Int.Cl. 5C07C 17/00 5C07C 21/18  
[25] EN  
[54] PROCESS FOR PREPARING FLUOROALKYL VINYL COMPOUND  
[54] PROCEDE DE PREPARATION D'UN COMPOSE DE VINYLE FLUOROALKYLE  
[72] Yamaguchi, Fumihiko, JP  
[72] Yoshida, Tutomu, JP  
[72] Nakagawa, Youichi, JP  
[73] DAIKIN INDUSTRIES LTD., JP  
[22] 1990-04-24  
[30] JP (109537/1989) 1989-04-27

[11] 2,017,841  
[13] C

[51] Int.Cl. 5H04L 27/00 5H03M 9/00 5H04B 1/66  
[25] EN  
[54] DIGITAL TRANSMISSION SYSTEM USING SUBBAND CODING OF A DIGITAL SIGNAL  
[54] SYSTEME DE TRANSMISSION NUMERIQUE A CODAGE DE SIGNAUX NUMERIQUES PAR BANDES SUBDIVISEES  
[72] Rault, Jean Bernard, FR  
[72] Dehery, Yves François, FR  
[72] Roudaut, Jean Yves, FR  
[72] Bruekers, Alphons Antonius Maria Lambertus, NL  
[72] Veldhuis, Raymond Nicolaas Johan, NL  
[73] Etat Français, représenté par le Ministère des Postes, des, FR  
[73] Télédiffusion de France S.A., FR  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[22] 1990-05-30  
[30] EP (89201408.5) 1989-06-02

[11] 2,018,179  
[13] C

[51] Int.Cl. 5H01R 4/26  
[25] EN  
[54] ELECTRICAL CONTACT ARRANGEMENT  
[54] DISPOSITIF DE CONTACT ELECTRIQUE  
[72] Byrne, Norman R., US  
[73] Byrne, Norman R., US  
[22] 1990-06-04  
[30] US (07/365,194) 1989-06-12

[11] 2,018,864  
[13] C

[51] Int.Cl. 5C23C 22/12 5B32B 15/02 5B32B 15/18  
[25] EN  
[54] PROCESS FOR TREATING A BRASS-PLATED STEEL WIRE  
[54] MODE DE TRAITEMENT D'UN CABLE D'ACIER CUIVRE  
[72] Starinshak, Thomas W., US  
[73] GOODYEAR TIRE & RUBBER COMPANY (THE), US  
[22] 1990-06-13  
[30] US (411,990) 1989-09-25

[11] 2,019,005  
[13] C

[51] Int.Cl. 6C07K 7/06 6A61K 38/08 5A61K 7/40  
[25] EN  
[54] ANTIHERPES PENTAPEPTIDE DERIVATIVES HAVING A CYCLOALKYL SUBSTITUTED ASPARTIC ACID SIDE CHAIN  
[54] DERIVES PENTAPEPTIDIQUES ANTI-HERPES AYANT UNE CHAINE LATERALE D'ACIDE ASPARTIQUE SUBSTITUE PAR UN GROUPEMENT CYCLOALKYL  
[72] Déziel, Robert, CA  
[72] Moss, Neil, CA  
[73] BOEHRINGER INGELHEIM (CANADA) LTD./ BOEHRINGER INGELHEIM (CANADA), CA  
[22] 1990-06-14

[11] 2,021,982  
[13] C

[51] Int.Cl. 5B01J 8/04 5B01J 10/00 5B01J 12/00  
[25] EN  
[54] QUENCH ASSEMBLY DESIGN  
[54] DISPOSITIF DE TREMPER  
[72] Peruyero, Jose M., US  
[72] Koros, Robert M., US  
[72] Patel, Rutton D., US  
[72] Bhagat, Phiroz M., US  
[72] Wyatt, John T., US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1990-07-26

[11] 2,022,847  
[13] C

[51] Int.Cl. 5A63B 26/00  
[25] EN  
[54] METHOD AND APPARATUS FOR DETERMINING ANAEROBIC CAPACITY  
[54] METHODE ET APPAREIL POUR DETERMINER LA CAPACITE D'ANAEROBIE  
[72] Yorioka, Gerald N., US  
[73] Yorioka, Gerald N., US  
[22] 1990-08-08  
[30] US (07/391,124) 1989-08-09

[11] 2,022,891  
[13] C

[51] Int.Cl. 5F16L 41/02 5F16L 9/19  
[25] FR  
[54] SYSTEME D'ENCEINTE SECONDAIRE DE RETENUE  
[54] SECONDARY RETAINING ENCLOSURE  
[72] Hogan, Joseph Michael, US  
[72] Striskin, Hal, US  
[72] Jones, Thomas A., US  
[73] GEORGE FISCHER SLOANE INC., US  
[22] 1990-08-08  
[30] US (396,222) 1989-08-21

**Brevets canadiens délivrés  
18 avril 2000**

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[11] **2,025,842**  
[13] C

[51] **Int.Cl. 5B04C 5/13 5B04C 5/04**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR THE SEPARATION OF MATERIALS FROM A MEDIUM**  
[54] **APPAREIL SERVANT A SEPARER DES MATERIAUX DE LEUR SUPPORT ET PROCEDE CONNEXE**  
[72] Keuschnigg, Josef, AT  
[73] Keuschnigg, Josef, AT  
[22] 1990-09-20

---

[11] **2,026,567**  
[13] C

[51] **Int.Cl. 5B01D 53/02 5B01J 38/04**  
[25] EN  
[54] **TREATMENT OF ARSINE REMOVAL CATALYSTS**  
[54] **REGENERATION DE CATALYSEURS APRES ABSORPTION DE COMPOSES DE L'ARSENIC**  
[72] Cullo, Leonard A., US  
[72] Restelli, Edward F., Jr., US  
[73] Aristech Chemical Corporation, US  
[85] 1990-10-01  
[86] 1990-03-05 (PCT/US90/01014)  
[87] (WO90/15039)  
[30] US (358,287) 1989-05-30

---

[11] **2,028,460**  
[13] C

[51] **Int.Cl. 5F41H 1/04**  
[25] EN  
[54] **MILITARY SAFETY HELMET**  
[54] **CASQUE MILITAIRE**  
[72] Zahn, Christian, DE  
[73] Schuberth-Werk GmbH & Co. KG, DE  
[22] 1990-10-24  
[30] US (425,723) 1989-10-24

---

[11] **2,028,544**  
[13] C

[51] **Int.Cl. 5G11B 7/24**  
[25] EN  
[54] **MULTI-LAYERED OPTICAL DISK**  
[54] **DISQUE OPTIQUE MULTICOUCHE**  
[72] Satoh, Isao, JP  
[72] Fukushima, Yoshihisa, JP  
[72] Takagi, Yuji, JP  
[72] Azumatani, Yasushi, JP  
[72] Hamasaka, Hiroshi, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1990-10-25  
[30] JP (1-283241) 1989-10-30

---

[11] **2,029,177**  
[13] C

[51] **Int.Cl. 5G01L 13/00 5G01L 9/08**  
[25] EN  
[54] **APPARATUS FOR DETECTING FLUID LINE OCCLUSION**  
[54] **APPAREIL PERMETTANT DE DETECTER LES OCCLUSIONS D'UNE CANALISATION DE FLUIDE**  
[72] Daoud, Adib G., US  
[72] Horres, C. Russell, US  
[72] Everhart, Howard R., US  
[73] ALARIS MEDICAL SYSTEMS, INC., US  
[22] 1990-11-01  
[30] US (430,809) 1989-11-02

---

[11] **2,030,344**  
[13] C

[51] **Int.Cl. 5A61K 31/557**  
[25] EN  
[54] **TREATMENT OF PULMONARY DYSFUNCTION WITH 15-KETO-PROSTAGLANDIN COMPOUNDS**  
[54] **TRAITEMENT DE TROUBLES PULMONAIRES A L'AIDE DE COMPOSES DE 15-CETO-PROSTAGLANDINES**  
[72] Ueno, Ryuji, JP  
[72] Osama, Hiroyoshi, JP  
[73] Kabushikikaisha Ueno Seiyaku Oyo Kenkyujo, JP  
[22] 1990-11-20  
[30] JP (303841/1989) 1989-11-22

---

[11] **2,030,418**  
[13] C

[51] **Int.Cl. 5B29C 53/36**  
[25] EN  
[54] **METHOD OF MAKING AN ARTICLE FROM A THERMOPLASTIC SANDWICH MATERIAL**  
[54] **METHODE DE FABRICATION D'ARTICLES A PARTIR D'UN MATERIAU THERMOPLASTIQUE EN SANDWICH**  
[72] Rietdijk, Bartjan, NL  
[72] Brambach, Johan Arie, NL  
[73] AIREX AG, CH  
[22] 1990-11-21  
[30] NL (8902899) 1989-11-23

---

[11] **2,032,058**  
[13] C

[51] **Int.Cl. 5H05B 41/392**  
[25] EN  
[54] **CIRCUIT FOR DIMMING GAS DISCHARGE LAMPS WITHOUT INTRODUCING STRIATIONS**  
[54] **CIRCUIT DE GRADATION DE LAMPES A DECHARGE LUMINESCENTE SANS PRODUCTION DE STRIES**  
[72] Sullivan, Charles R., US  
[72] Jurell, Scott R., US  
[72] Luchaco, David G., US  
[73] Lutron Electronics Co., Inc., US  
[22] 1990-12-12  
[30] US (455,644) 1989-12-22

---

[11] **2,032,561**  
[13] C

[51] **Int.Cl. 5C12Q 1/56 5G01N 33/68 5G01N 33/86 5G01N 33/96**  
[25] EN  
[54] **METHOD OF DETERMINING LEVELS OF EXTRINSIC AND INTRINSIC CLOTTING FACTORS AND PROTEIN C**  
[54] **METHODE POUR DETERMINER LES CONCENTRATIONS DE FACTEURS DE COAGULATION EXTRINSEQUES ET INTRINSEQUES ET CELLES DE PROTEINE C**  
[72] Carroll, James J., US  
[72] Autenrieth, Stephen M., US  
[73] Ortho Diagnostic Systems Inc., US  
[22] 1990-12-18  
[30] US (452,802) 1989-12-19

---

[11] **2,033,784**  
[13] C

[51] **Int.Cl. 5B05B 15/06**  
[25] EN  
[54] **BOOM, PARTICULARLY A SPREADING BOOM FOR SUSPENSION ON AN OUTER FRAME OF AN AGRICULTURAL TOOL, SUCH AS AN AGRICULTURAL VEHICLE**  
[54] **BRAS, ET PARTICULIEREMENT BRAS TELESCOPIQUE POUR SUSPENSION DE CHASSIS D'OUTIL OU DE VEHICULE AGRICOLE**  
[72] Tolboll, Steen, DK  
[72] Rasmussen, Knud, DK  
[73] Hardi International A/S, DK  
[22] 1991-01-08  
[30] DK (105/90) 1990-01-12



Canadian Patents Issued  
April 18, 2000

[11] 2,034,001  
[13] C

[51] Int.Cl. 5E21B 7/06 5E21B 44/00  
5E21B 17/10 5E21B 4/20  
[25] FR  
[54] DISPOSITIF POUR GUIDER UN  
OUTIL DE FORAGE DANS UN PUIITS  
ET EXERCER SUR LUI UNE FORCE  
HYDRAULIQUE  
[54] DEVICE FOR GUIDING A  
DRILLING TOOL WITHIN A WELL  
AND FOR APPLYING A HYDRAULIC  
FORCE TO SAID TOOL  
[72] Amaudric du Chaffaut, Benoist, FR  
[73] L'INSTITUT FRANCAIS DU  
PETROLE, FR  
[85] 1991-02-04  
[86] 1990-06-25 (PCT/FR90/00465)  
[87] (WO91/00410)  
[30] FR (89/08.588) 1989-06-26

[11] 2,034,521  
[13] C

[51] Int.Cl. 5B01D 29/13 5B29C 53/40  
[25] EN  
[54] CYLINDRICAL FILTERS AND  
THEIR MANUFACTURE  
[54] FILTRES CYLINDRIQUES ET  
PROCEDE DE FABRICATION  
CONNEXE  
[72] Grimes, Michael, GB  
[73] Pall Corporation, US  
[22] 1991-01-18  
[30] GB (9001141.2) 1990-01-18

[11] 2,035,274  
[13] C

[51] Int.Cl. 5B01D 35/28 5B01D 21/02  
5C02F 3/06 5C02F 3/28 5C02F 1/76  
[25] EN  
[54] A WASTEWATER TREATMENT  
MECHANISM  
[54] MECANISME DE TRAITEMENT  
D'EAUX USEES  
[72] Graves, Jan D., US  
[73] Norwalk Wastewater Equipment  
Company (d/b/a NORWECO, INC.), US  
[22] 1991-01-30  
[30] US (07/477,389) 1990-02-09

[11] 2,036,761  
[13] C

[51] Int.Cl. 5G05B 7/00 5G05D 13/02  
[25] EN  
[54] APPARATUS AND METHOD FOR A  
SMOOTH TRANSITION BETWEEN  
CALIBRATED AIRSPEED CONTROL  
OF AN AIRCRAFT AND MACH  
NUMBER CONTROL OF AN AIRCRAFT  
[54] APPAREIL VISANT A ASSURER LE  
PASSAGE EN DOUCEUR DU  
CONTROLE DE LA VITESSE DE VOL  
ETALONNEE AU CONTROLE DU  
NOMBRE DE MACH D'UN AERONEF  
[72] Kahler, Jeffrey A., US  
[73] HONEYWELL INC., US  
[22] 1991-02-20  
[30] US (07/485,258) 1990-02-26

[11] 2,039,005  
[13] C

[51] Int.Cl. 5B29C 49/30  
[25] EN  
[54] APPARATUS FOR BLOW  
MOLDING AN ARTICLE WITH  
COMPRESSION MOLDED AREAS  
[54] APPAREIL DE MOULAGE PAR  
SOUFFLAGE D'ARTICLES  
COMPORTANT DES PARTIES  
MOULEES PAR COMPRESSION  
[72] Lee, Norman C., US  
[73] NURSERY SUPPLIES, INC., US  
[22] 1991-03-25  
[30] US (502,317) 1990-03-30

[11] 2,040,816  
[13] C

[51] Int.Cl. 5C09K 15/34 5C11B 5/00  
5C11B 9/02 5C09K 15/04 5A23D 9/06  
5A23L 3/34 5A61K 35/78  
[25] EN  
[54] LABIATAE DERIVED  
ANTIOXIDANTS AND A PROCESS FOR  
EXTRACTING ANTIOXIDANTS FROM  
LABIATAE HERBS  
[54] ANTIOXYDANTS PROVENANT DE  
PLANTES HERBACEES DE LA  
FAMILLE DES LABIEES ET PROCEDE  
PERMETTANT L'EXTRACTION  
DESDITS ANTIOXYDANTS  
[72] Nguyen, Uy, CA  
[72] Frakman, Grigory, CA  
[72] Evans, David A., CA  
[73] Norac Technologies Inc., CA  
[22] 1991-04-19  
[30] US (514,311) 1990-04-25

[11] 2,045,354  
[13] C

[51] Int.Cl. 5B29C 47/20  
[25] EN  
[54] APPARATUS FOR THE  
PRODUCTION OF PLASTIC PIPES  
[54] APPAREIL SERVANT A LA  
PRODUCTION DE TUYAUTERIE EN  
MATIERES PLASTIQUES  
[72] Hegler, Ralph-Peter, DE  
[72] Hegler, Wilhelm, DE  
[73] HEGLER, WILHELM, DE  
[22] 1991-06-25  
[30] DE (P 40 21 564.4) 1990-07-06

[11] 2,045,805  
[13] C

[51] Int.Cl. 5A01N 35/02 5A01N 43/20  
[25] EN  
[54] ATTRACTANT COMPOSITIONS  
FOR FALL WEBWORM (HYPHANTRIA  
CUNEA)  
[54] COMPOSITIONS ATTIRANT LA  
CHENILLE A TENTE ESTIVALE  
(HYPHANTRIA CUNEA)  
[72] Senda, Shuji, JP  
[72] Omata, Tetsuo, JP  
[72] Ninomiya, Yasuo, JP  
[72] Aburatani, Masakazu, JP  
[72] Takeuchi, Tadashi, JP  
[73] Nitto Denko Corporation, JP  
[73] Fuji Yakuhiin Kogyo Kabushiki Kaisha,  
JP  
[22] 1991-06-27  
[30] JP (2-236106) 1990-09-05

[11] 2,049,583  
[13] C

[51] Int.Cl. 5H04M 1/06  
[25] EN  
[54] OFF-HOOK TELEPHONE WITH  
TEMPORARY PARK FEATURE  
[54] TELEPHONE A SUPPORT  
AUXILIAIRE DE COMBINE  
[72] Milc, Thomas A., CA  
[73] MITEL CORPORATION, CA  
[22] 1991-08-21

**Brevets canadiens délivrés  
18 avril 2000**

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[11] **2,051,592**  
[13] C

[51] **Int.Cl. 5B01D 53/04 5B01J 8/06  
5F01N 3/18 5F01N 3/24 5B01D 53/34**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
THE ADSORPTION OR  
CHEMISORPTION OF GASEOUS  
COMPONENTS OF A GAS STREAM**  
[54] **METHODE ET APPAREIL POUR  
L'ADSORPTION OU LA  
CHIMISORPTION D'ELEMENTS  
GAZEUX D'UN FLUX GAZEUX**  
[72] Ruoff, Gunter, DE  
[73] APPARATEBAU ROTHEMUHLE  
BRANDT & KRITZLER GMBH, DE  
[22] 1991-09-17  
[30] DE (P 40 29 395.5-43) 1990-09-17

---

[11] **2,052,899**  
[13] C

[51] **Int.Cl. 5C04B 41/87**  
[25] FR  
[54] **PROCEDE POUR LA  
REALISATION DE PIECES A SURFACE  
ANTIABRASION**  
[54] **PROCESS FOR FABRICATING  
ABRASION-RESISTANT COMPONENT  
SURFACES**  
[72] Brunet, Pierre, FR  
[72] Maybon, Guy, FR  
[72] Pizzini, Gérard, FR  
[73] Technogenia S.A. société anonyme, FR  
[22] 1991-10-07  
[30] FR (90 12713) 1990-10-11

---

[11] **2,053,382**  
[13] C

[51] **Int.Cl. 5G05F 1/10**  
[25] EN  
[54] **VOLTAGE BOOSTER**  
[54] **SURVOLTEUR**  
[72] Lavrisa, Tom, CA  
[73] MITEL CORPORATION, CA  
[22] 1991-10-11

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[11] **2,053,504**  
[13] C

[51] **Int.Cl. 5C02F 1/24**  
[25] EN  
[54] **RECOVERY OF SURFACTANT  
FROM PAPERMAKING PROCESS**  
[54] **RECUPERATION D'AGENTS DE  
SURFACE DANS LES OPERATIONS DE  
FABRICATION DE PAPIER**  
[72] Bhat, Dinesh M., US  
[73] FORT JAMES CORPORATION, US  
[22] 1991-10-16  
[30] US (07/598,995) 1990-10-17

---

[11] **2,053,822**  
[13] C

[51] **Int.Cl. 5B05D 7/16 5B05D 1/38**  
[25] EN  
[54] **METHOD OF COATING  
AUTOMOBILE BODY WITH  
CHIPPING-RESISTING PAINT**  
[54] **METHODE SERVANT A ENDUIRE  
LA CARROSSERIE D'UNE  
AUTOMOBILE D'UNE PEINTURE  
RESISTANT A L'ECAILLEMENT**  
[72] Sato, Noboru, JP  
[72] Kono, Hirofumi, JP  
[73] Honda Motor Co., Ltd., JP  
[22] 1991-10-21

---

[11] **2,054,840**  
[13] C

[51] **Int.Cl. 5C09K 3/18**  
[25] EN  
[54] **LIQUID DE-ICING AGENT BASED  
ON ACETATES AND PROCESS FOR  
MELTING SNOW AND ICE ON  
TRAFFIC SURFACES WITH THE AID  
OF THIS AGENT**  
[54] **AGENT LIQUIDE DE DEGIVRAGE  
A BASE D'ACETATES, ET PROCEDE  
POUR FAIRE FONDRE LA NEIGE ET  
LA GLACE SUR DES SURFACES  
PASSANTES AU MOYEN DE CET  
AGENT**  
[72] Stankowiak, Achim, DE  
[72] Kapfinger, Josef, DE  
[72] Bettermann, Gerhard, DE  
[73] HOECHST AKTIENGESELLSCHAFT,  
DE  
[22] 1991-11-01  
[30] DE (P 40 34 792.3) 1990-11-02

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[11] **2,055,669**  
[13] C

[51] **Int.Cl. 5H05F 3/02 5A47L 9/24**  
[25] EN  
[54] **STATIC ELECTRIC DISCHARGE  
FOR DUST COLLECTOR**  
[54] **DECHARGE ELECTROSTATIQUE  
POUR ASPIRATEUR DE POUSSIÈRES**  
[72] Berfield, Robert C., US  
[73] Shop-Vac Corporation, US  
[22] 1991-11-15  
[30] US (614,711) 1990-11-16

---

[11] **2,055,809**  
[13] C

[51] **Int.Cl. 5H02G 15/34**  
[25] FR  
[54] **PROCEDE DE  
REFROIDISSEMENT D'UNE AMENEE  
DE COURANT POUR APPAREILLAGE  
ELECTRIQUE A TRES BASSE  
TEMPERATURE ET DISPOSITIF POUR  
SA MISE EN OEUVRE**  
[54] **PROCESS FOR REFRIGERATING  
A BUSWAY FOR VERY LOW  
TEMPERATURE ELECTRICAL  
MATERIAL AND DEVICE FOR  
CARRYING SUCH**  
[72] Kermarrec, Jean-Claude, FR  
[73] GEC ALSTHOM SA, FR  
[22] 1991-11-19  
[30] FR (90 14 457) 1990-11-20

---

[11] **2,056,966**  
[13] C

[51] **Int.Cl. 5G01V 9/00**  
[25] EN  
[54] **DOWNHOLE MEASUREMENTS  
USING VERY SHORT FRACTURES**  
[54] **MESURES DANS LE TROU  
UTILISANT LES TRES COURTES  
FRACTURES**  
[72] Thiercelin, Marc Jean, GB  
[73] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 1991-12-04  
[30] GB (9026703.0) 1990-12-07

---

Canadian Patents Issued  
April 18, 2000

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[11] 2,061,302  
[13] C  
[51] Int.Cl. 5C30B 29/04 5C01B 31/06  
5C23C 16/26  
[25] EN  
[54] METHOD OF MAKING  
SYNTHETIC DIAMOND FILM  
[54] METHODE SERVANT A  
PRODUIRE UNE COUCHE DE  
DIAMANT SYNTHETIQUE  
[72] Hansen, Jeffrey S., US  
[72] Hoggins, James T., US  
[73] Norton Company, US  
[22] 1992-02-17

---

[11] 2,061,586  
[13] C  
[51] Int.Cl. 5F16L 37/12 5B60K 11/04  
[25] EN  
[54] DEVICE FOR FIXING A TUBULAR  
ELEMENT ON A TUBULAR  
CONNECTING SPIGOT OF A  
COMPONENT OF IN PARTICULAR AN  
AUTOMOBILE VEHICLE  
[54] DISPOSITIF DE FIXATION D'UN  
ELEMENT TUBULAIRE A UN BOUT  
MALE DE RACCORDEMENT D'UNE  
COMPOSANTE, NOTAMMENT A UN  
VEHICULE AUTOMOBILE  
[72] Dubost, Dominique, FR  
[73] ATTAX, FR  
[22] 1992-02-20  
[30] FR (91 02 038) 1991-02-20

---

[11] 2,062,775  
[13] C  
[51] Int.Cl. 5F16G 1/28 5B32B 1/08 5B29D  
29/08 5B29B 11/12 5B65G 15/42  
[25] EN  
[54] METHODS FOR MAKING  
TOOTHED BELT CONSTRUCTION  
[54] METHODE DE FABRICATION  
D'UNE COURROIE CRANTEE  
[72] Thomas, Danny L., US  
[73] DAYCO PRODUCTS, INC., US  
[85] 1991-12-23  
[86] 1990-07-20 (PCT/US90/04188)  
[87] (WO91/02178)  
[30] US (388,541) 1989-08-02

---

[11] 2,062,790  
[13] C  
[51] Int.Cl. 5F16K 41/10  
[25] EN  
[54] PLASTIC CONTROL VALVE  
[54] VANNE DE REGULATION EN  
PLASTIQUE  
[72] Linder, James C., US  
[72] McKenzie, Jeffrey J., US  
[73] Fluoroware, Inc., US  
[85] 1992-01-03  
[86] 1990-10-10 (PCT/US90/05790)  
[87] (WO91/18230)  
[30] US (522,269) 1990-05-11

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[11] 2,065,389  
[13] C  
[51] Int.Cl. 5F16H 7/12  
[25] EN  
[54] BELT TENSIONER, PADS  
THEREFOR AND METHODS OF  
MAKING SAME  
[54] TENDEUR DE COURROIE,  
COUSSINETS DE TENDEUR ET  
METHODE DE FABRICATION  
[72] Green, Nancy M., US  
[72] Foley, Mark P., US  
[73] DAYCO PRODUCTS, INC., US  
[85] 1992-02-18  
[86] 1990-05-10 (PCT/US90/02653)  
[87] (WO91/03668)  
[30] US (403,537) 1989-09-06

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[11] 2,068,408  
[13] C  
[51] Int.Cl. 6H01M 4/38 6C22C 30/00  
[25] EN  
[54] CATALYTIC HYDROGEN  
STORAGE ELECTRODE MATERIALS  
FOR USE IN ELECTROCHEMICAL  
CELLS AND ELECTROCHEMICAL  
CELLS INCORPORATING THE  
MATERIALS  
[54] MATERIAUX D'ELECTRODE A  
HYDROGENE CATALYTIQUE POUR  
PILES ELECTROCHIMIQUES ET  
PILES ELECTROCHIMIQUES  
COMPORTANT CES MATERIAUX  
[72] Fetcenko, Michael A., US  
[72] Ovshinsky, Stanford R., US  
[72] Kajita, Kozo, JP  
[72] Kidou, Hirokazu, JP  
[72] LaRocca, Joseph, US  
[72] Rudnitsky, Myron, US  
[73] OVONIC BATTERY COMPANY, US  
[85] 1992-05-11  
[86] 1990-11-20 (PCT/US90/06806)  
[87] (WO91/08167)  
[30] US (441,489) 1989-11-24  
[30] US (515,020) 1990-04-26

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[11] 2,069,485  
[13] C  
[51] Int.Cl. 5A61K 9/36 5A61K 9/52  
5A61K 9/54  
[25] EN  
[54] DELAYED RELEASE  
FORMULATIONS  
[54] FORMULATIONS A LIBERATION  
PROLONGEE  
[72] Ring, Stephen Gordon, GB  
[72] Archer, David Brian, GB  
[72] Allwood, Michael Charles, GB  
[72] Newton, John Michael, GB  
[73] BTG INTERNATIONAL LIMITED,  
GB  
[85] 1992-05-25  
[86] 1990-11-22 (PCT/GB90/01803)  
[87] (WO91/07949)  
[30] GB (8926639.9) 1989-11-24

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[11] 2,071,223  
[13] C  
[51] Int.Cl. 5G01G 3/14  
[25] EN  
[54] MASS-PRODUCED FLAT ONE-  
PIECE LOAD CELL AND SCALES  
INCORPORATING IT  
[54] DYNAMOMETRE MONOBLOC  
PLAT FABRIQUE EN SERIES ET  
BALANCES EN COMPORTANT  
[72] Shlomo, Angel, US  
[73] Shlomo, Angel, US  
[85] 1992-06-10  
[86] 1990-12-11 (PCT/US90/07287)  
[87] (WO91/09286)  
[30] US (07/448,672) 1989-12-11

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[11] 2,071,956  
[13] C  
[51] Int.Cl. 6A61K 38/19  
[25] EN  
[54] METHOD FOR THE TREATMENT  
OF THROMBOCYTOPENIA AND  
PHARMACEUTICAL COMPOSITIONS  
USEFUL THEREFOR  
[54] METHODE DE TRAITEMENT DE  
LA THROMBOPENIE ET  
COMPOSITIONS  
PHARMACEUTIQUES POUVANT  
ETRE UTILISEES A CETTE FIN  
[72] Metcalf, Donald, AU  
[73] Amrad Corporation Limited, AU  
[85] 1992-06-17  
[86] 1990-12-18 (PCT/AU90/00592)  
[87] (WO91/08752)  
[30] AU (PJ 7912) 1989-12-18  
[30] AU (PK 3501) 1990-11-23

**Brevets canadiens délivrés  
18 avril 2000**

[11] **2,072,069**  
[13] C

[51] **Int.Cl. 5B65D 71/36**  
[25] EN  
[54] **ARTICLE CARRIER WITH SIDE HANDLES**  
[54] **PORTE-ARTICLES MUNI DE POIGNEES LATERALES**  
[72] Wilson, Jerry Franklin, US  
[73] Riverwood International Corporation, US  
[85] 1992-06-23  
[86] 1991-10-09 (PCT/US91/07568)  
[87] (WO92/07772)  
[30] US (605,610) 1990-10-30

[11] **2,076,068**  
[13] C

[51] **Int.Cl. 5A01K 29/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INDUCING CONTROLLED STRESSED BEHAVIOR IN ANIMALS, SUCH AS ENHANCED EATING, DRINKING, MATING, MATERNAL OR THE LIKE BEHAVIOR**  
[54] **METHODE ET APPAREIL PERMETTANT DE DECLENCHER UN COMPORTEMENT ACCENTUE CHEZ LES ANIMAUX, TEL QU'UNE AUGMENTATION DE L'INGESTION DE NOURRITURE ET DE LIQUIDE, DE L'ACTIVITE COITALE ET DE L'ACTIVITE MATERNELLE, OU DE COMPORTEMENTS SEMBLABLES**  
[72] Boice, Harry E., US  
[73] Boice, Harry E., US  
[22] 1992-08-13

[11] **2,078,051**  
[13] C

[51] **Int.Cl. 5H05B 41/24**  
[25] EN  
[54] **APPARATUS FOR EFFICIENT REMOTE BALLASTING OF GASEOUS DISCHARGE LAMPS**  
[54] **DISPOSITIF D'ALLUMAGE A DISTANCE DE LAMPES A DECHARGE DANS UN GAZ**  
[72] Gibson, John Alan, CA  
[73] TROJAN TECHNOLOGIES INC., CA  
[22] 1992-09-11

[11] **2,078,731**  
[13] C

[51] **Int.Cl. 5G01B 9/02**  
[25] EN  
[54] **POSITIONAL DEVIATION MEASURING DEVICE AND METHOD THEREOF**  
[54] **DISPOSITIF DE MESURE DES ECARTS DE POSITION ET METHODE Y AFFERENTE**  
[72] Nose, Noriyuki, JP  
[72] Yoshii, Minoru, JP  
[72] Saitoh, Kenji, JP  
[72] Osawa, Hiroshi, JP  
[72] Sentoku, Koichi, JP  
[72] Tsuji, Toshihiko, JP  
[72] Matsumoto, Takahiro, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1992-09-21  
[30] JP (276952/1991) 1991-09-27

[11] **2,079,048**  
[13] C

[51] **Int.Cl. 5G05D 23/19 5G05D 23/30**  
[25] EN  
[54] **THERMOSTAT CONTROL**  
[54] **COMMANDE DE THERMOSTAT**  
[72] Adams, John T., US  
[73] HONEYWELL INC., US  
[22] 1992-09-24  
[30] US (07/769,038) 1991-09-30

[11] **2,083,915**  
[13] C

[51] **Int.Cl. 5H05B 33/04 5G09F 9/00 5B60K 35/00 5B60K 37/00**  
[25] EN  
[54] **DISPLAY PANEL**  
[54] **TABLEAU D'AFFICHAGE**  
[72] Miyashita, Sadamasa, JP  
[72] Zhang, Laiying, JP  
[73] NIPPON SEIKI K.K., JP  
[22] 1992-11-26  
[30] JP (03-339884) 1991-11-28  
[30] JP (04-297716) 1992-10-09

[11] **2,087,295**  
[13] C

[51] **Int.Cl. 5G02B 6/44**  
[25] EN  
[54] **UTILITY OPTICAL FIBER CABLE**  
[54] **CABLE DE FIBRES OPTIQUES**  
[72] Holman, James Robert, US  
[72] Mathis, Terry Don, US  
[72] Moss, Parry Alan, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1993-01-14  
[30] US (826,740) 1992-01-28

[11] **2,087,604**  
[13] C

[51] **Int.Cl. 5C07D 243/08 5C07D 233/02 5C07D 245/02 5C07C 237/04 5C07D 295/13 5A61K 31/165 5C07C 271/28 5C07C 327/28 5C07C 275/40 5A61K 31/495 5A61K 31/55 5C07C 217/56**  
[25] EN  
[54] **DIAMINE COMPOUNDS AND CEREBRAL PROTECTIVE DRUGS CONTAINING THE SAME**  
[54] **COMPOSES DIAMINES ET MEDICAMENTS A BASE DE CES COMPOSES POUR LA PROTECTION AU NIVEAU CEREBRAL**  
[72] Sato, Seiichi, JP  
[72] Kawamura, Kiyoshi, JP  
[72] Takahashi, Yoshio, JP  
[72] Watanabe, Koichiro, JP  
[72] Shimizu, Sadahiro, JP  
[72] Ohta, Tomio, JP  
[73] Kowa Co., Ltd., JP  
[85] 1993-01-19  
[86] 1990-07-30 (PCT/JP90/00970)  
[87] (WO92/02487)

[11] **2,089,101**  
[13] C

[51] **Int.Cl. 5H04J 3/24**  
[25] EN  
[54] **METHOD FOR MULTIPLE ACCESS IN A DIGITAL COMMUNICATION SYSTEM**  
[54] **METHODE D'ACCES MULTIPLE POUR SYSTEME DE COMMUNICATION NUMERIQUE**  
[72] Oprea, Dan, CA  
[72] Cepelinski, Jacob, CA  
[73] MITEL CORPORATION, CA  
[22] 1993-02-09

Canadian Patents Issued  
April 18, 2000

[11] 2,089,338  
[13] C

[51] Int.Cl. 5C08L 83/08  
[25] EN  
[54] WATER-DILUTABLE  
POLYSILOXANE COMPOSITION  
[54] COMPOSITION DE  
POLYSILOXANE POUVANT ETRE  
DILUEE DANS L'EAU  
[72] Sejпка, Johann, DE  
[72] Gerhardinger, Dieter, DE  
[72] Wimmer, Franz, DE  
[73] Wacker-Chemie GmbH, DE  
[22] 1993-02-11  
[30] DE (P 42 04 306.9) 1992-02-13

[11] 2,092,195  
[13] C

[51] Int.Cl. 5C12N 15/62 5A01K 67/027  
5C12N 7/04 5C12N 5/10 5C12N 15/40  
5C12N 15/64 5C12N 15/86  
[25] EN  
[54] RETROVIRAL PACKAGING CELL  
LINE  
[54] LIGNEE CELLULAIRE A  
ENCAPSIDATION RETROVIRALE  
[72] Jolly, Douglas J., US  
[72] Chang, Stephen M.W., US  
[72] Respass, James G., US  
[72] Barber, Jack R., US  
[73] CHIRON CORPORATION, US  
[85] 1993-03-22  
[86] 1991-09-20 (PCT/US91/06852)  
[87] (WO92/05266)  
[30] US (586,603) 1990-09-21

[11] 2,094,961  
[13] C

[51] Int.Cl. 5A61N 1/365  
[25] EN  
[54] DUAL CHAMBER CARDIAC  
PACEMAKER EMPLOYING  
HYSTERESIS TO MAXIMIZE THE  
NUMBER OF NORMALLY  
CONDUCTED VENTRICULAR BEATS  
WITH AN OPTIMUM A-V DELAY FOR  
PACED VENTRICULAR BEATS  
[54] STIMULATEUR CARDIAQUE A  
DEUX CHAMBRES FAISANT APPEL A  
L'HYSTERESE POUR MAXIMISER LE  
NOMBRE DE BATTEMENTS  
CARDIAQUES NATURELS AVEC UN  
DECALAGE A-V OPTIMAL POUR LES  
BATTEMENTS VENTRICULAIRES  
STIMULES.  
[72] Hauser, Robert G., US  
[72] Spinelli, Julio C., US  
[73] CARDIAC PACEMAKERS, INC., US  
[22] 1993-04-27  
[30] US (07/894,872) 1992-06-08

[11] 2,095,751  
[13] C

[51] Int.Cl. 5B60P 3/035 5B60P 3/07  
[25] EN  
[54] COIL TRANSPORT TRAILER  
[54] REMORQUE POUR LE  
TRANSPORT DE BOBINES  
[72] Carlton, Jerry W., US  
[73] Carlton, Jerry W., US  
[22] 1993-05-07  
[30] US (018,315) 1993-02-06

[11] 2,100,651  
[13] C

[51] Int.Cl. 5G01R 31/08  
[25] EN  
[54] FAULT INDICATOR WITH  
REMOTE INDICATION  
[54] TELEINDICATEUR DE COURANT  
DE DEFAUT  
[72] SCHWEITZER, EDMUND O., JR., US  
[73] SCHWEITZER, EDMUND O., JR., US  
[22] 1993-07-15  
[30] US (994,558) 1992-12-21

[11] 2,104,324  
[13] C

[51] Int.Cl. 6A47B 3/00  
[25] EN  
[54] CARRYING HANDLES FOR A  
FOLDING TABLE LEG APPARATUS  
[54] POIGNEES POUR ACTIONNER UN  
DISPOSITIF DE PATTES PLIABLES DE  
TABLE  
[72] Gutgsell, David R., US  
[73] DITTO SALES, INC., US  
[22] 1993-08-18  
[30] US (07/942,980) 1992-09-10

[11] 2,105,125  
[13] C

[51] Int.Cl. 5G06F 15/66  
[25] EN  
[54] APPARATUS AND METHOD FOR  
INPUTTING, COMPRESSING AND  
OUTPUTTING CHARACTERS,  
ILLUSTRATIONS, DRAWINGS AND  
LOGOMARKS  
[54] APPAREIL SERVANT A SAISIR, A  
CONDENSER ET A SORTIR DES  
CARACTERES, DES ILLUSTRATIONS,  
DES DESSINS ET DES SIGLES, ET  
METHODE CONNEXE  
[72] Toraiichi, Kazuo, JP  
[73] Toraiichi, Kazuo, JP  
[22] 1993-08-30  
[30] JP (259137/1992) 1992-09-01  
[30] JP (269646/1992) 1992-09-11

[11] 2,105,849  
[13] C

[51] Int.Cl. 5H04N 1/40  
[25] EN  
[54] RECORDING APPARATUS AND  
METHOD FOR RECORDING IMAGE  
DATA, AND FACSIMILE APPARATUS  
HAVING RECORDING SECTION  
CONSISTING OF RECORDING  
APPARATUS  
[54] DISPOSITIF ET METHODE  
D'ENREGISTREMENT DE DONNEES  
D'IMAGERIE ET TELECOPIEUR MUNI  
D'UN BLOC D'ENREGISTREMENT  
CONSTITUE PAR LEDIT DISPOSITIF  
[72] Aihara, Masayoshi, JP  
[73] Kabushiki Kaisha Toshiba, JP  
[22] 1993-09-09  
[30] JP (4-241847) 1992-09-10

[11] 2,106,471  
[13] C

[51] Int.Cl. 5F01M 13/04 5C10M 175/00  
5F01M 9/02  
[25] EN  
[54] FILTER FOR LOWERING  
HARMFUL CRANKCASE EMISSIONS  
IN AN INTERNAL COMBUSTION  
ENGINE  
[54] FILTRE REDUCTEUR DES  
EMANATIONS NOCIVES DU CARTER  
D'UN MOTEUR A COMBUSTION  
INTERNE  
[72] Sweeten, Theodore P., US  
[73] Ventures Unlimited, Inc., US  
[85] 1993-09-17  
[86] 1991-12-02 (PCT/US91/08978)  
[87] (WO92/16724)  
[30] US (07/674,105) 1991-03-25

[11] 2,106,700  
[13] C

[51] Int.Cl. 5C09D 175/06 5C09D 167/00  
[25] EN  
[54] POLYURETHANE COATING  
COMPOSITION DERIVED FROM  
POLYESTER POLYOL CONTAINING  
LONG-CHAIN ALIPHATIC POLYOL  
[54] COMPOSITION DE REVETEMENT  
A BASE DE POLYURETHANE  
DERIVEE DE POLYESTER-POLYOL  
CONTENANT UN POLYOL  
ALIPHATIQUE A CHAINE LONGUE  
[72] Serdiuk, Paul, US  
[72] Steinmetz, Alan L., US  
[73] BASF CORPORATION, US  
[22] 1993-09-22  
[30] US (07/954,733) 1992-09-29

**Brevets canadiens délivrés  
18 avril 2000**

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[11] **2,107,542**  
[13] C

[51] **Int.Cl. 5B01J 4/00**  
[25] EN  
[54] **PARTICLE LOADER**  
[54] **DISPOSITIF SERVANT A**  
**DEPOSER DES PARTICULES**  
**ABSORBANTES AFIN DE FORMER**  
**UNE COUCHE UNIFORME**  
[72] Nowobilski, Jeffert J., US  
[72] Schneider, James S., US  
[73] Praxair S.T. Technology, Inc., US  
[22] 1993-10-01  
[30] US (07/955,769) 1992-10-02

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[11] **2,107,543**  
[13] C

[51] **Int.Cl. 5B01D 53/04 5B01J 8/02**  
[25] EN  
[54] **PERFORATED PLATE FLUID**  
**DISTRIBUTOR AND ITS ASSOCIATED**  
**FIXED BED VESSEL**  
[54] **DISTRIBUTEUR DE FLUIDE A**  
**PLAQUE PERFOREE ET RECIPIENT A**  
**LIT FIXE UTILISE AVEC LE**  
**DISTRIBUTEUR**  
[72] Nowobilski, Jeffert J., US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1993-10-01  
[30] US (07/955,787) 1992-10-02

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[11] **2,108,668**  
[13] C

[51] **Int.Cl. 5H01G 4/38**  
[25] EN  
[54] **POWER CAPACITOR**  
[54] **CONDENSATEUR DE PUISSANCE**  
[72] Gothelf, Natan, SE  
[73] ABB AB, SE  
[85] 1993-10-18  
[86] 1992-02-28 (PCT/SE92/00122)  
[87] (WO92/20082)  
[30] SE (9101232-8) 1991-04-24

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[11] **2,108,760**  
[13] C

[51] **Int.Cl. 5H04B 1/16**  
[25] EN  
[54] **PAGING RECEIVER WITH**  
**DISPLAY CONTROL MEANS**  
[54] **RECEPTEUR DE TELEAPPEL**  
**AVEC MOYENS DE COMMANDE**  
**D’AFFICHAGE**  
[72] Fujii, Tomohiro, JP  
[73] NEC CORPORATION, JP  
[22] 1993-10-19  
[30] JP (285648/1992) 1992-10-23

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[11] **2,111,299**  
[13] C

[51] **Int.Cl. 5G01B 11/04 5G01B 11/14**  
[25] EN  
[54] **METHOD AND DEVICE FOR**  
**MONITORING AN EDGE OF A**  
**MOVING WEB**  
[54] **METHODE ET DISPOSITIF**  
**SERVANT A SURVEILLER LE BORD**  
**D’UNE PIECE MOBILE**  
[72] Pellinen, Kari, FI  
[72] Sarkkinen, Olli, FI  
[72] Koironen, Jukka, FI  
[73] VALMET CORPORATION, FI  
[22] 1993-12-13  
[30] FI (925728) 1992-12-16

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[11] **2,111,754**  
[13] C

[51] **Int.Cl. 5B32B 1/08 5G03G 15/20**  
**5B29C 41/22**  
[25] EN  
[54] **POLYIMIDE COMPOSITE TUBE**  
**AND METHOD OF MANUFACTURING**  
**THE SAME**  
[54] **TUBE DE POLYIMIDE**  
**COMPOSITE ET METHODE DE**  
**FABRICATION DE CE TUBE**  
[72] Kitajima, Tadashi, JP  
[72] Itagaki, Tetsuya, JP  
[72] Yoshida, Takahiro, JP  
[72] Hongou, Yoshitaka, JP  
[72] Matsumura, Masafumi, JP  
[73] I.S.T. Corporation, JP  
[22] 1993-12-17  
[30] JP (5-284576) 1993-11-15

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[11] **2,112,266**  
[13] C

[51] **Int.Cl. 5F16L 55/165**  
[25] EN  
[54] **MATERIAL FOR RELINING**  
**UNDERGROUND PIPELINES**  
[54] **MATERIAU DE REVETEMENT**  
**INTERNE DE CANALISATIONS**  
**SOUTERRAINES**  
[72] Lund, Arne, SE  
[72] Agren, Lennart, SE  
[73] Uponor Innovation AB, SE  
[85] 1993-12-22  
[86] 1992-06-25 (PCT/SE92/00471)  
[87] (WO93/00548)  
[30] SE (9101948-9) 1991-06-25

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[11] **2,112,534**  
[13] C

[51] **Int.Cl. 5G11B 17/04**  
[25] EN  
[54] **DISC PLAYING DEVICE**  
[54] **LECTEUR DE DISQUE**  
[72] Tsuruta, Yukiyasu, JP  
[72] Noda, Tetsuo, JP  
[72] Yoshioka, Akihiro, JP  
[73] Sanyo Electric Co., Ltd., JP  
[22] 1993-12-29  
[30] JP (Hei.4-348500) 1992-12-28

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[11] **2,112,545**  
[13] C

[51] **Int.Cl. 5C23C 24/08 5C23C 4/10**  
[25] EN  
[54] **ARTICLE WITH WEAR**  
**RESISTANT COATING AND METHOD**  
[54] **ARTICLE AYANT UN**  
**REVETEMENT RESISTANT A**  
**L’USURE ET METHODE DE**  
**REVETEMENT CONNEXE**  
[72] Walsh, Patrick Noel, US  
[73] Praxair S.T. Technology, Inc., US  
[22] 1993-12-29  
[30] US (07/998,712) 1992-12-30

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[11] **2,114,765**  
[13] C

[51] **Int.Cl. 5G03B 27/80**  
[25] EN  
[54] **PHOTO-PRINTING APPARATUS**  
[54] **APPAREIL DE PHOTO-**  
**IMPRESSION**  
[72] Nishida, Shigeki, JP  
[72] Tanibata, Toru, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1994-02-02  
[30] JP (27827/1993) 1993-02-17

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Canadian Patents Issued  
April 18, 2000

[11] 2,115,645  
[13] C

[51] Int.Cl. 5B65D 43/14  
[25] EN  
[54] SINGLE WALLED DISPENSING CLOSURES WITH POSITIVE ALIGNMENT MEANS  
[54] FERMOIRS A PRESSION A PAROI SIMPLE AVEC DISPOSITIFS D'ALIGNEMENTS POUR BOUTEILLES DE PLASTIQUE  
[72] Lohrman, Richard D., US  
[72] Thanisch, Klaus, DE  
[73] Zeller Plastik, Inc., US  
[85] 1994-02-14  
[86] 1992-07-15 (PCT/US92/05912)  
[87] (WO93/03972)  
[30] US (744,089) 1991-08-12

[11] 2,115,686  
[13] C

[51] Int.Cl. 5H04B 1/10  
[25] EN  
[54] STRUCTURE GENERATED COMPOSITE REFERENCE SIGNAL FOR INTERFERENCE SUPPRESSION IN AN ADAPTIVE LOOP  
[54] SIGNAL DE REFERENCE COMPOSITE ENGENDRE PAR UNE STRUCTURE POUR ELIMINER LES SIGNAUX BROUILLEURS DANS UNE BOUCLE ADAPTATIVE  
[72] Bahu, Mark B., US  
[73] AMERICAN NUCLEONICS CORPORATION, US  
[22] 1994-02-15  
[30] US (025,036) 1993-03-02

[11] 2,117,423  
[13] C

[51] Int.Cl. 5A61B 17/36  
[25] EN  
[54] HANDPIECE FOR TRANSMYOCARDIAL VASCULARIZATION HEART-SYNCHRONIZED PULSED LASER SYSTEM  
[54] PIECE A MAIN POUR SYSTEME DE VASCULARISATION TRANSMYOCARDIQUE A LASER PULSE EN SYNCHRONIE CARDIAQUE  
[72] Rudko, Robert I., US  
[73] PLC Medical Systems, Inc., US  
[85] 1994-07-25  
[86] 1992-12-22 (PCT/US92/11002)  
[87] (WO94/14383)

[11] 2,117,737  
[13] C

[51] Int.Cl. 5C23F 11/10  
[25] EN  
[54] BIODEGRADABLE CORROSION INHIBITORS OF LOW TOXICITY  
[54] INHIBITEURS BIODEGRADABLES DE LA CORROSION PEU TOXIQUES  
[72] Martin, Richard L., US  
[72] McMahon, Jo Ann, US  
[72] Oude Alink, Bernardus A., US  
[73] BAKER HUGHES INCORPORATED, US  
[22] 1994-10-07  
[30] US (08/146,900) 1993-11-02

[11] 2,119,137  
[13] C

[51] Int.Cl. 5B32B 27/08 5B29C 47/06  
[25] EN  
[54] FLUOROPOLYMER-ACRYLIC PLASTIC COMPOSITE AND COEXTRUSION METHOD  
[54] COMPOSITE DE FLUOROPOLYMER ET DE PLASTIQUE ACRYLIQUE ET METHODE DE CO-EXTRUSION  
[72] Hartley, Jeffrey W., US  
[72] Korney, Arthur F., Jr., US  
[72] Sexton, Earl H., III, US  
[73] Crane Plastics Company Limited Partnership, US  
[85] 1994-03-15  
[86] 1992-09-16 (PCT/US92/07820)  
[87] (WO93/05959)  
[30] US (761,277) 1991-09-17

[11] 2,119,996  
[13] C

[51] Int.Cl. 5F22B 1/18  
[25] EN  
[54] WASTE HEAT BOILER  
[54] CHAUDIERE DE RECUPERATION DE CHALEUR  
[72] Stahl, Henrik Otto, DK  
[73] Haldor Topsoe A/S, DK  
[22] 1994-03-25  
[30] DK (DK 0357/93) 1993-03-26

[11] 2,120,522  
[13] C

[51] Int.Cl. 5G11B 20/00 5G11B 5/02  
[25] EN  
[54] HEAD SWITCHING METHOD FOR STAGGERED SERVO AND CIRCUIT THEREOF  
[54] METHODE ET CIRCUIT DE COMMUTATION DE TETES POUR SERVOMECHANISME A ETAGES  
[72] Lee, Kwang-heui, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1994-03-31  
[86] 1992-11-30 (PCT/KR92/00069)  
[87] (WO94/12981)

[11] 2,121,348  
[13] C

[51] Int.Cl. 5G02B 6/38 5G02B 6/32  
[25] EN  
[54] IMPROVEMENTS RELATING TO OPTICAL FIBRE CONNECTORS  
[54] AMELIORATIONS DANS LES CONNECTEURS A FIBRES OPTIQUES  
[72] Foster, Nigel Stewart, GB  
[73] IIT INDUSTRIES LIMITED, GB  
[85] 1994-04-14  
[86] 1992-07-27 (PCT/GB92/01384)  
[87] (WO93/14431)  
[30] GB (9200875.4) 1992-01-16

[11] 2,122,430  
[13] C

[51] Int.Cl. 5G08B 5/38  
[25] EN  
[54] AMBIENT CONDITION DETECTOR WITH HIGH INTENSITY STROBE LIGHT  
[54] DETECTEUR DE CONDITIONS AMBIANTES AYANT UNE LAMPE INDICATRICE STROBOSCOPIQUE A HAUTE INTENSITE  
[72] Swieboda, Michael A., US  
[73] BRK BRANDS, INC., US  
[22] 1994-04-28  
[30] US (065,222) 1993-05-20

**Brevets canadiens délivrés  
18 avril 2000**

[11] **2,123,296**  
[13] C

[51] **Int.Cl. 5G08B 13/19 5G01V 9/04**  
[25] EN  
[54] **PASSIVE TYPE MOVING OBJECT DETECTION SYSTEM**  
[54] **SYSTEME DE DETECTION D'OBJETS MOUVANTS DU TYPE PASSIF**  
[72] Sugimoto, Tadashi, JP  
[72] Ohkawa, Shingo, JP  
[72] Amano, Hiroyuki, JP  
[72] Iwasawa, Masashi, JP  
[72] Kawabuchi, Shinya, JP  
[72] Murata, Norikazu, JP  
[73] OPTEX CO., LTD., JP  
[22] 1994-05-10  
[30] JP (5-109618) 1993-05-11  
[30] JP (5-226058) 1993-09-10

[11] **2,124,553**  
[13] C

[51] **Int.Cl. 5A61K 9/24**  
[25] EN  
[54] **PHARMACEUTICAL TABLET CAPABLE OF RELEASING THE ACTIVE INGREDIENTS CONTAINED THEREIN AT SUBSEQUENT TIMES**  
[54] **COMPRIME PHARMACEUTIQUE CAPABLE DE LIBERER LES INGREDIENTS ACTIFS QU'IL CONTIENT A RETARDEMENT**  
[72] La Manna, Aldo, IT  
[72] Maggi, Lauretta, IT  
[72] Conte, Ubaldo, IT  
[73] JAGOTEC AG, CH  
[22] 1994-05-27  
[30] IT (MI 93 A 001120) 1993-05-31

[11] **2,124,921**  
[13] C

[51] **Int.Cl. 5B60T 15/48 5B60T 13/40**  
[25] EN  
[54] **BRAKE CYLINDER PRESSURE RELAY VALVE FOR RAILROAD FREIGHT CAR**  
[54] **VALVE-RELAIS POUR CYLINDRE DE FREIN A AIR COMPRIME DE VEHICULE FERROVIAIRE**  
[72] Hart, James E., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1994-06-01  
[30] US (08/220,568) 1994-03-31

[11] **2,125,519**  
[13] C

[51] **Int.Cl. 6B32B 1/02 6F17C 1/12**  
[25] EN  
[54] **LOW HEAT-LEAK, COHERENT-AEROGEL, CRYOGENIC SYSTEM**  
[54] **SYSTEME CRYOGENIQUE A FAIBLE PERTE THERMIQUE**  
[72] Bergsten, Victor Emmanuel, US  
[72] Notaro, John, US  
[72] Mazzarella, Richard Benedict, US  
[72] Gottzmann, Christian Friedrich, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1994-06-09  
[30] US (08/074,766) 1993-06-10

[11] **2,126,319**  
[13] C

[51] **Int.Cl. 5H04B 7/26 5H04Q 7/04**  
[25] EN  
[54] **MOBILE COMMUNICATION CONTROL METHOD**  
[54] **METHODE DE COMMANDE POUR LES COMMUNICATIONS MOBILES**  
[72] Yabusaki, Masami, JP  
[72] Maruyama, Yasuo, JP  
[72] Hirata, Shoichi, JP  
[72] Nakamura, Hiroshi, JP  
[72] Uchiyama, Yasuyuki, JP  
[72] Tsukahara, Hiroshi, JP  
[72] Takemoto, Eriko, JP  
[73] NTT MOBILE COMMUNICATIONS NETWORK INC., JP  
[85] 1994-06-20  
[86] 1993-10-18 (PCT/JP93/01496)  
[87] (WO94/09600)  
[30] JP (279909/92) 1992-10-19  
[30] JP (282896/92) 1992-10-21  
[30] JP (288763/92) 1992-10-27  
[30] JP (22748/93) 1993-02-10  
[30] JP (44237/93) 1993-03-05  
[30] JP (121050/93) 1993-05-24

[11] **2,126,463**  
[13] C

[51] **Int.Cl. 5C03C 3/062 5A61K 6/083**  
[25] EN  
[54] **FLUORIDE ION-LEACHABLE GLASSES AND DENTAL CEMENT COMPOSITIONS CONTAINING THEM**  
[54] **VERRES CAPABLES DE LIBERER DES IONS FLUORURE ET COMPOSITIONS DE CIMENT DENTAIRE EN CONTENANT**  
[72] Chadwick, Thomas C., US  
[73] Den-Mat Corporation, US  
[85] 1994-06-21  
[86] 1993-01-07 (PCT/US93/00105)  
[87] (WO93/14039)  
[30] US (817,885) 1992-01-07

[11] **2,127,273**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **UNIVERSAL PERSONAL COMMUNICATION SYSTEM AND TRACING SYSTEM THEREFOR**  
[54] **SYSTEME DE COMMUNICATION PERSONNEL UNIVERSEL ET DISPOSITIF DE LOCALISATION UTILISE DANS CE SYSTEME**  
[72] Wang, Zhonghe, US  
[73] MOTOROLA, INC., US  
[85] 1994-06-30  
[86] 1992-12-07 (PCT/US92/10529)  
[87] (WO93/13631)  
[30] US (07/817,018) 1992-01-03

[11] **2,128,195**  
[13] C

[51] **Int.Cl. 5B32B 27/02 5A41D 7/00 5A41D 13/00 5D06M 17/00**  
[25] EN  
[54] **WATERPROOF, BREATHABLE FABRIC FOR OUTDOOR ATHLETIC APPAREL**  
[54] **TISSU IMPERMEABLE A L'EAU ET RESPIRANT POUR VETEMENTS DE PLEIN AIR**  
[72] Herlihy, Daniel Joseph, Jr., US  
[73] Aquatic Design, Inc., US  
[22] 1994-07-15

[11] **2,128,867**  
[13] C

[51] **Int.Cl. 6A41D 23/00 6A41D 13/00**  
[25] EN  
[54] **PROTECTIVE MASK WITH SCARF**  
[54] **MASQUE DE PROTECTION AVEC CACHE-COL**  
[72] Carey, Michael J., US  
[72] Edwards, Joseph H., US  
[73] Seirus Innovative Accessories, Inc., US  
[85] 1994-07-26  
[86] 1993-01-27 (PCT/US93/00731)  
[87] (WO93/14655)  
[30] US (826,083) 1992-01-27



Canadian Patents Issued  
April 18, 2000

[11] 2,129,612  
[13] C

[51] Int.Cl. 5G06F 3/14  
[25] EN  
[54] METHOD AND APPARATUS FOR GRAPHICALLY ANALYZING A LOG-FILE  
[54] METHODE ET APPAREIL D'ANALYSE GRAPHIQUE DE FICHIERS DE CONSIGNATION  
[72] Eick, Stephen Gregory, US  
[72] Lucas, Paul Jay, US  
[72] Schmidt, Jeffrey Donald, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1994-08-05  
[30] US (126,846) 1993-09-24

[11] 2,129,774  
[13] C

[51] Int.Cl. 5G21C 9/06  
[25] EN  
[54] DEVICE FOR PASSIVELY INERTING THE GAS MIXTURE IN THE REACTOR CONTAINMENT OF A NUCLEAR POWER PLANT  
[54] APPAREIL POUR INERTAGE PASSIF DU MELANGE GAZEUX DANS L'ENCEINTE DE SECURITE D'UN REACTEUR DE CENTRALE NUCLEAIRE  
[72] Chakraborty, Amiya Kumar, DE  
[73] GESELLSCHAFT FUR ANLAGEN-UND REAKTORSICHERHEIT (GRS) MBH, DE  
[22] 1994-08-09  
[30] EP (93113522.2) 1993-08-24

[11] 2,130,146  
[13] C

[51] Int.Cl. 5B60T 8/60  
[25] EN  
[54] TWO STATE TO THREE STATE EMULATOR PROCESS AND APPARATUS  
[54] PROCESSUS ET APPAREIL D'EMULATION DE TRANSITIONS DE DEUX A TROIS ETATS  
[72] Mazur, Richard J., US  
[72] Wood, James A., US  
[72] Drake, John W., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1994-08-15  
[30] US (08/259,184) 1994-06-13

[11] 2,132,431  
[13] C

[51] Int.Cl. 5B01D 3/34 5C01G 23/02 5C08F 4/643  
[25] EN  
[54] SEPARATION PROCESS  
[54] PROCEDE DE SEPARATION  
[72] Tomas-Kovic, Robert S., US  
[72] Potter, Michael W., US  
[72] Cowan, Stephen W., US  
[73] Shell Oil Company, US  
[85] 1994-09-19  
[86] 1992-12-02 (PCT/US92/10394)  
[87] (WO93/11168)  
[30] US (802,798) 1991-12-06

[11] 2,132,682  
[13] C

[51] Int.Cl. 5B01D 61/14  
[25] EN  
[54] METHOD FOR THE REMOVAL OF COMPONENTS CAUSING TURBIDITY, FROM A FLUID, BY MEANS OF MICROFILTRATION  
[54] METHODE SERVANT A EXTRAIRE D'UN FLUIDE LES ELEMENTS PRODUISANT DE LA TURBIDITE, AU MOYEN DE LA MICROFILTRATION  
[72] Koenhen, Dirk Marinus, NL  
[72] Roesink, Hendrik Dirk Willem, NL  
[72] Wenten, Gede, ID  
[72] Rasmussen, Alan, DK  
[72] Jonsson, Gunnar, DK  
[73] X-Flow B.V., NL  
[22] 1994-09-22  
[30] NL (9301653) 1993-09-24

[11] 2,132,742  
[13] C

[51] Int.Cl. 6C07K 14/015 5A61K 39/23  
[25] EN  
[54] SYNTHETIC PEPTIDES AND VACCINES AGAINST PARVOVIRUS  
[54] PEPTIDES SYNTHETIQUES ET VACCINS CONTRE LES PARVOVIRUS  
[72] Vela Olmo, Carmen, ES  
[72] Langeveld, Joannes P. M., NL  
[72] Meloen, Robert H., NL  
[72] Dalsgaard, Kristian, DK  
[72] Casal Alvarez, José I., ES  
[73] Inmunologia Y Genetica Aplicada, S.A., ES  
[85] 1994-09-22  
[86] 1994-01-21 (PCT/ES94/00006)  
[87] (WO94/17098)  
[30] ES (P9300117) 1993-01-23  
[30] ES (P9400111) 1994-01-20

[11] 2,133,004  
[13] C

[51] Int.Cl. 5F16H 55/17  
[25] EN  
[54] AUXILIARY BELT DRIVE MECHANISM  
[54] MECANISME D'ENTRAINEMENT AUXILIAIRE PAR COURROIES  
[72] Hoyt, Rodney G., US  
[73] SIG PACK INC., US  
[22] 1994-09-27  
[30] US (08/262,684) 1994-06-20

[11] 2,133,310  
[13] C

[51] Int.Cl. 5B65F 1/02 5B65F 1/14  
[25] EN  
[54] STABLE CONTAINER, IN PARTICULAR GARBAGE CONTAINER  
[54] RECEPTACLE STABLE, NOTAMMENT POUR LES DECHETS DOMESTIQUES  
[72] Otto, Willy, DE  
[73] Henkel, Christoph, DE  
[85] 1994-09-29  
[86] 1994-01-27 (PCT/EP94/00223)  
[87] (WO94/16973)  
[30] DE (G 93 01 247.0 U) 1993-01-29

[11] 2,134,277  
[13] C

[51] Int.Cl. 5H04N 5/262 5H04N 5/30 5G06F 15/401 5G06F 15/66  
[25] EN  
[54] VIDEO FORMAT CONVERSIONS SYSTEMS --  
[54] SYSTEME DE CONVERSION DE FORMAT VIDEO  
[72] Nakaya, Mitsuyoshi, JP  
[72] Okada, Atsushi, JP  
[72] Fukui, Kazuhiko, JP  
[72] Yasuda, Yasushi, JP  
[73] SHARP KABUSHIKI KAISHA, JP  
[22] 1994-10-25  
[30] JP (5-268608) 1993-10-27  
[30] JP (6-10401) 1994-02-01  
[30] JP (6-81162) 1994-04-20  
[30] JP (6-188116) 1994-08-10  
[30] JP (6-229941) 1994-09-26  
[30] JP (6-229942) 1994-09-26

**Brevets canadiens délivrés  
18 avril 2000**

[11] **2,134,645**  
[13] C

[51] **Int.Cl. 5G06F 15/60 5G06F 15/46**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DESIGNING AND EDITING A DISTRIBUTION SYSTEM FOR A BUILDING**  
[54] **METHODE ET MACHINE POUR CONCEVOIR ET PRESENTER UN SYSTEME DE DISTRIBUTION DANS UN BATIMENT**  
[72] Normann, Linda M., US  
[72] Hines, Charles L., III, US  
[72] Cox, Gene Michael, US  
[73] First Graphics, Inc., US  
[85] 1994-10-28  
[86] 1993-04-28 (PCT/US93/04007)  
[87] (WO93/22741)  
[30] US (876,003) 1992-04-29

[11] **2,134,695**  
[13] C

[51] **Int.Cl. 5H04B 7/26 5H04B 1/40**  
[25] EN  
[54] **METHOD FOR COMMUNICATING IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **METHODE DE COMMUNICATION POUR SYSTEME DE COMMUNICATION SANS FIL**  
[72] Raith, Alex K., US  
[72] Persson, Bengt, SE  
[72] Sammarco, Anthony J., US  
[72] Hoff, Anders C. E., SE  
[72] Diachina, John W., US  
[72] Turcotte, Joseph E., CA  
[72] Andersson, Håns C., SE  
[72] Sawyer, François, CA  
[72] Marsolais, Patrice, CA  
[72] Bodin, Roland S., SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 1994-10-31  
[30] US (08/147,254) 1993-11-01

[11] **2,135,204**  
[13] C

[51] **Int.Cl. 5F23G 5/10 5F27D 17/00 5F23J 15/00 5F27B 3/08 5F27B 3/28 5F23G 5/50**  
[25] EN  
[54] **PLASMA FURNACE AND A METHOD OF OPERATING THE SAME**  
[54] **FOUR A PLASMA ET METHODE POUR SON UTILISATION**  
[72] Suzuki, Tomio, JP  
[72] Higashi, Yasuo, JP  
[72] Tagashira, Shigeyoshi, JP  
[72] Yamada, Motoo, JP  
[73] Kabushiki Kaisha Kobe Seiko Sho, JP  
[73] Kansai Denryoku Kabushiki Kaisha, JP  
[85] 1994-11-04  
[86] 1994-03-08 (PCT/JP94/00362)  
[87] (WO94/20791)  
[30] JP (5/75199) 1993-03-08  
[30] JP (5/75200) 1993-03-08  
[30] JP (5/78757) 1993-03-11  
[30] JP (5/109919) 1993-04-12  
[30] JP (5/109920) 1993-04-12  
[30] JP (5/120790) 1993-04-23  
[30] JP (5/31300 U) 1993-05-18

[11] **2,135,791**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING INBOUND CALLING IN A WIRELESS COMMUNICATION SYSTEM HAVING FIXED COMMUNICATION UNITS COUPLED TO A TELEPHONE SYSTEM BY A TELEPHONE LINE SHARED INCOMMON**  
[54] **METHODE ET DISPOSITIF D'ETABLISSEMENT D'APPELS D'ARRIVEE DANS UN SYSTEME DE COMMUNICATIONS SANS FIL COMPORTANT DES UNITES DE COMMUNICATION FIXES COUPLEES A UN SYSTEME TELEPHONIQUE PAR L'INTERMEDIAIRE D'UNE LIGNE TELEPHONIQUE PARTAGEE**  
[72] Pickert, William Fredrick, US  
[73] MOTOROLA, INC., US  
[85] 1994-11-14  
[86] 1993-05-12 (PCT/US93/04431)  
[87] (WO93/23945)  
[30] US (07/882,994) 1992-05-14

[11] **2,136,080**  
[13] C

[51] **Int.Cl. 6C08J 11/00 6C07C 67/02 6C07C 51/09 6C08J 11/18 6C07C 63/26 6C07C 69/82**  
[25] EN  
[54] **IMPROVED POLY ETHYLENE TEREPHTHALATE DECONTAMINATION**  
[54] **PROCEDE AMELIORE POUR LA DECONTAMINATION DU POLY(TEREPHTHALATE D'ETHYLENE)**  
[72] West, Simon Michael, AU  
[73] Swig Pty. Ltd., AU  
[85] 1994-11-17  
[86] 1993-05-04 (PCT/AU93/00198)  
[87] (WO93/23465)  
[30] AU (PL 2470) 1992-05-18  
[30] AU (PL 6951) 1993-01-27

[11] **2,136,815**  
[13] C

[51] **Int.Cl. 5A01F 15/07**  
[25] EN  
[54] **ROUND BALER MONITORING AND CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE ET DE CONTROLE POUR ROTO-PRESSE**  
[72] McIntyre, Thomas J., US  
[72] Inberg, Steven B., US  
[72] Henderson, Steven J., US  
[72] Cicci, George B., US  
[72] Viesselmann, Kim P., US  
[73] GEHL COMPANY, US  
[22] 1994-11-28  
[30] US (158,904) 1993-11-29  
[30] US (309,298) 1994-09-20

[11] **2,137,174**  
[13] C

[51] **Int.Cl. 5B65D 43/04**  
[25] EN  
[54] **DISPOSABLE CUP LID HAVING A TEAR-RESISTANT STRAW THROUGH-SLIT**  
[54] **COUVERCLE DE GOBELET JETABLE A FENTE ANTIDECHIRURE POUR LAISSER PASSER UNE PAILLE**  
[72] Toczek, Thomas R., US  
[72] Rush, Jonathan E., US  
[72] Grolemond, Michael T., US  
[73] James River Corporation of Virginia, US  
[22] 1994-12-02  
[30] US (08/161,599) 1993-12-06

Canadian Patents Issued  
April 18, 2000

[11] 2,137,297  
[13] C

[51] Int.Cl. 5A61K 47/24 5A61K 9/127  
5A61K 39/385 5A61K 39/44  
[25] EN  
[54] REACTIVE VESICLE AND  
FUNCTIONAL SUBSTANCE-FIXED  
VESICLE  
[54] VESICULE REACTIVE ET  
VESICULE FONCTIONNELLE FIXEE A  
UNE SUBSTANCE  
[72] Miyazaki, Tsuyoshi, JP  
[72] Maruyama, Kazuo, JP  
[72] Iwatsuru, Motoharu, JP  
[72] Sanchika, Kouzoh, JP  
[72] Nishida, Mitsuhiro, JP  
[72] Yasukouchi, Tohru, JP  
[72] Kitano, Shigeru, JP  
[72] Suginaka, Akinori, JP  
[72] Kadoma, Yoshihito, JP  
[73] NOF Corporation, JP  
[22] 1994-12-05  
[30] JP (305611/1993) 1993-12-06  
[30] JP (305612/1993) 1993-12-06  
[30] JP (317026/1993) 1993-12-16  
[30] JP (317027/1993) 1993-12-16  
[30] JP (135954/1994) 1994-06-17

[11] 2,138,048  
[13] C

[51] Int.Cl. 5G01N 33/34 5G01N 21/35  
[25] EN  
[54] DETERMINATION AND CONTROL  
OF EFFECTIVE ALKALI IN KRAFT  
LIQUORS BY IR SPECTROSCOPY  
[54] DETERMINATION ET CONTROLE  
DE L'ALCALI EFFECTIF DANS LES  
LIQUEURS DU PROCEDE KRAFT PAR  
SPECTROSCOPIE IR  
[72] Leclerc, Denys F., CA  
[72] Hogikyan, Robert M., CA  
[73] PULP AND PAPER RESEARCH  
INSTITUTE OF CANADA, CA  
[85] 1994-12-13  
[86] 1993-07-06 (PCT/CA93/00281)  
[87] (WO94/01769)  
[30] US (07/910,379) 1992-07-08

[11] 2,138,656  
[13] C

[51] Int.Cl. 5B64C 27/20  
[25] EN  
[54] AN UNMANNED AERIAL  
VEHICLE HAVING DUCTED,  
COAXIAL COUNTER-ROTATING  
ROTORS  
[54] VEHICULE AERIEN TELEPILOTE  
PRESENTANT DES ROTORS GAINES,  
COAXIAUX ET CONTRAROTATIFS  
[72] Cycon, James P., US  
[72] Hunter, David H., US  
[72] Kohlhepp, Fred W., US  
[72] Krauss, Timothy A., US  
[72] Millea, Vincent F., US  
[72] Furnes, Kenneth M., US  
[72] Farrell, Marvin D., US  
[72] Sandy, David F., US  
[72] Beatty, Robert D., US  
[72] Hansen, Bruce D., US  
[73] United Technologies Corporation, US  
[85] 1994-12-20  
[86] 1993-06-18 (PCT/US93/05797)  
[87] (WO94/00347)  
[30] US (07/903,060) 1992-06-22  
[30] US (07/903,061) 1992-06-22  
[30] US (07/903,063) 1992-06-22  
[30] US (07/903,064) 1992-06-22  
[30] US (07/903,065) 1992-06-22  
[30] US (07/903,066) 1992-06-22

[11] 2,139,244  
[13] C

[51] Int.Cl. 5A61B 17/12  
[25] EN  
[54] HAEMOSTATIC PRESSURE PAD  
[54] COUSSIN D'APPUI  
HEMOSTATIQUE  
[72] Lam, Anthony Hk, CA  
[73] ANLAM CORPORATION, CA  
[22] 1994-12-28

[11] 2,139,700  
[13] C

[51] Int.Cl. 6E21B 43/22  
[25] EN  
[54] IMPROVED SYSTEM, METHOD  
AND APPARATUS FOR PRODUCTION  
OF CRUDE OIL  
[54] SYSTEME, METHODE ET  
APPAREIL AMELIORES DE  
PRODUCTION DE PETROLE BRUT  
[72] Bustamante, Asdrubal, VE  
[73] Corpoven, S.A., VE  
[22] 1995-01-06  
[30] US (08/179,261) 1994-01-10

[11] 2,141,026  
[13] C

[51] Int.Cl. 6A61K 38/17 6A61K 39/00  
6A61K 9/107 6A61K 9/127 6A61K 47/30  
[25] EN  
[54] PHARMACEUTICAL  
COMPOSITIONS FOR  
TRANSMUCOSAL DELIVERY OF  
PEPTIDES  
[54] COMPOSITIONS  
PHARMACEUTIQUES POUR LA  
LIBERATION DE PEPTIDES A  
TRAVERS LES MUQUEUSES  
[72] Poli, Stefano, IT  
[72] Mailland, Federico, IT  
[72] Moro, Luigi, IT  
[73] Poli Industria Chimica S.p.A., IT  
[85] 1995-01-25  
[86] 1993-07-23 (PCT/EP93/01965)  
[87] (WO94/03157)  
[30] IT (MI92A001831) 1992-07-28

[11] 2,143,029  
[13] C

[51] Int.Cl. 6A61K 7/032 6A61K 7/021  
6A61K 7/031  
[25] FR  
[54] GEL AQUEUX DE MAQUILLAGE A  
ORGANOPOLYSILOXANE  
[54] AQUEOUS  
ORGANOPOLYSILOXANE GEL FOR  
MAKE-UP  
[72] Bara, Isabelle, FR  
[72] Mellul, Myriam, FR  
[73] L'OREAL, FR  
[22] 1995-02-21  
[30] FR (94 02 944) 1994-03-14

[11] 2,143,480  
[13] C

[51] Int.Cl. 6G03B 27/52 6G03B 1/00  
6G03B 27/53  
[25] EN  
[54] A METHOD OF CARRYING  
PHOTOSENSITIVE MATERIALS IN A  
PHOTOGRAPHIC PRINTER MACHINE  
[54] METHODE DE TRANSFERT DE  
SUBSTANCES PHOTOSENSIBLES  
DANS UNE IMPRIMANTE  
PHOTOGRAPHIQUE  
[72] Ura, Hiroyoshi, JP  
[72] Uenoyama, Akifumi, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1995-02-27  
[30] JP (6-285146) 1994-11-18  
[30] JP (6-29677) 1994-02-28

**Brevets canadiens délivrés  
18 avril 2000**

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[11] **2,145,983**  
[13] C

[51] **Int.Cl. 6A61K 51/08 6A61K 49/00**  
[25] EN  
[54] **LABELLED MONOCYTE  
CHEMOATTRACTANT PROTEIN  
MATERIAL AND MEDICAL USES  
THEREOF**  
[54] **SUBSTANCE PROTEINIQUE  
CHIMIOTACTIQUE DE MONOCYTE,  
MARQUEE, ET SON UTILISATION EN  
MEDECINE**  
[72] Kunkel, Steven L., US  
[72] Lyle, Leon R., US  
[72] Strieter, Robert M., US  
[73] MALLINCKRODT MEDICAL, INC.,  
US  
[73] THE REGENTS OF THE  
UNIVERSITY OF MICHIGAN, US  
[85] 1995-03-30  
[86] 1993-10-04 (PCT/US93/09417)  
[87] (WO94/07542)  
[30] US (07/956,862) 1992-10-05

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[11] **2,147,448**  
[13] C

[51] **Int.Cl. 6F01D 5/18 6F02C 7/12**  
[25] EN  
[54] **GAS TURBINE ROTOR BLADE TIP  
COOLING DEVICE**  
[54] **DISPOSITIF DE  
REFROIDISSEMENT DE  
L'EXTREMITE DE L'AILETTE DE  
ROTOR D'UNE TURBINE A GAZ**  
[72] Tomita, Yasuoki, JP  
[73] MITSUBISHI JUKOGYO KABUSHIKI  
KAISHA, JP  
[22] 1995-04-20  
[30] JP (082925/1994) 1994-04-21

---

[11] **2,148,167**  
[13] C

[51] **Int.Cl. 6B23B 41/00**  
[25] EN  
[54] **DRILLING AND CHIPPING TOOL**  
[54] **OUTIL DE FORAGE ET DE TAILLE**  
[72] Manschitz, Erwin, DE  
[72] Selb, Michael, AT  
[72] Schinkitz, Dirk, AT  
[73] HILTI AKTIENGESELLSCHAFT, LI  
[22] 1995-04-28  
[30] DE (P 44 15 348.1) 1994-05-02

---

[11] **2,148,424**  
[13] C

[51] **Int.Cl. 6B60T 17/22**  
[25] EN  
[54] **RAILWAY AUTOMATIC BRAKE  
CONTROL VALVE TEST UNIT**  
[54] **APPAREIL D'ESSAI  
AUTOMATIQUE DE REPARTITEUR DE  
FREINAGE DE WAGON DE CHEMIN  
DE FER**  
[72] Hart, James E., US  
[72] Gaughan, Edward W., US  
[72] Reid, Jeffrey D., CA  
[72] Troiani, Vincent F., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1995-05-02  
[30] US (08/396,815) 1995-03-02

---

[11] **2,151,452**  
[13] C

[51] **Int.Cl. 6G11B 7/24**  
[25] EN  
[54] **MAGNETO-OPTICAL  
RECORDING MEDIUM FOR  
REALIZING SUPER RESOLUTION AND  
REPRODUCING METHOD USING THE  
MEDIUM**  
[54] **SUPPORT D'ENREGISTREMENT  
MAGNETO-OPTIQUE A SUFRA-  
HAUTE DEFINITION ET METHODE DE  
LECTURE CONNEXE**  
[72] Nishimura, Naoki, JP  
[72] Hiroki, Tomoyuki, JP  
[72] Okada, Takeshi, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1995-06-09  
[30] JP (6-128778) 1994-06-10  
[30] JP (6-128779) 1994-06-10  
[30] JP (6-128780) 1994-06-10  
[30] JP (6-201979) 1994-08-26  
[30] JP (6-201980) 1994-08-26  
[30] JP (6-236209) 1994-09-30  
[30] JP (6-258002) 1994-10-24

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[11] **2,151,983**  
[13] C

[51] **Int.Cl. 6G01M 3/26 6G01M 3/20**  
[25] EN  
[54] **APPARATUS AND METHOD  
INCLUDING POROUS LINER FOR  
TESTING FOR HOLES IN  
PROPHYLACTIC DEVICES**  
[54] **APPAREIL MUNI D'UNE CHEMISE  
EN MATERIAU POREUX POUR  
DETECTER LES PERFORATIONS  
DANS LES CONDOMS, ET METHODE  
CONNEXE**  
[72] Sisbarro, Frederick P., US  
[72] Thomsen, Glenn W., US  
[72] Sullivan, Thomas, US  
[73] Carter-Wallace, Inc., US  
[22] 1995-06-16  
[30] US (08/356,497) 1994-12-15

---

[11] **2,152,528**  
[13] C

[51] **Int.Cl. 6G06F 15/16**  
[25] EN  
[54] **DISTRIBUTED SYSTEMS WITH  
REPLICATED FILES**  
[54] **SYSTEME REPARTI A FICHIERS  
REPETES**  
[72] Rao, Chung-Hwa Herman, US  
[72] Skarra, Andrea H., US  
[73] AT&T CORP., US  
[22] 1995-06-23  
[30] US (282,683) 1994-07-29

---

[11] **2,153,076**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **METHOD FOR MAKING BODY  
FLUIDS ABSORBENT PADDING**  
[54] **METHODE DE FABRICATION DE  
MATERIEL ABSORBANT DE  
LIQUIDES CORPORELS**  
[72] Wada, Ichiro, JP  
[73] Uni-Charm Corporation, JP  
[22] 1995-06-30  
[30] JP (6-151129) 1994-07-01

Canadian Patents Issued  
April 18, 2000

[11] **2,153,092**  
[13] C  
[51] Int.Cl. **6A61N 1/39 6A61N 1/08**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REDUCING FALSE POSITIVES IN ATRIAL FIBRILLATION DETECTION**  
[54] **SYSTEME ET METHODE POUR REDUIRE L'OBTENTION DE RESULTATS FAUSSEMENT POSITIFS DANS LA DETECTION DE LA FIBRILLATION AURICULAIRE**  
[72] Kim, Jaeho, US  
[72] White, Harley G., US  
[73] CARDIAC PACEMAKERS, INC., US  
[22] 1995-06-30  
[30] US (08/278,055) 1994-07-20

[11] **2,155,490**  
[13] C  
[51] Int.Cl. **6B21D 5/04 6A61B 19/00 6A61F 2/02**  
[25] EN  
[54] **BENDING INSTRUMENT**  
[54] **DISPOSITIF DE CINTRAGE DES TOILES**  
[72] Balaity, Andrew, US  
[72] Borzone, Rocco R., US  
[73] STRYKER TECHNOLOGIES CORPORATION, US  
[22] 1995-08-04  
[30] US (08/287,456) 1994-08-08

[11] **2,156,176**  
[13] C  
[51] Int.Cl. **6C12N 15/54 6C12N 15/10 6C12N 9/12 6C12P 19/34 6C12Q 1/68 6C12Q 1/70**  
[25] EN  
[54] **DNA POLYMERASES WITH ENHANCED THERMOSTABILITY AND ENHANCED LENGTH AND EFFICIENCY OF PRIMER EXTENSION**  
[54] **POLYMERASES D'ADN AVEC AMELIORATION DE LA THERMOSTABILITE AINSI QUE DE LA LONGUEUR ET DE L'EFFICACITE DE L'EXTENSION DE L'AMORCE**  
[72] Barnes, Wayne M., US  
[73] Takara Shuzo Co., Ltd., JP  
[73] Barnes, Wayne M.,  
[85] 1995-08-15  
[86] 1994-02-22 (PCT/US94/01867)  
[87] (WO94/26766)  
[30] US (8/021,623) 1993-02-19  
[30] US (08/202,032) 1994-02-22

[11] **2,156,484**  
[13] C  
[51] Int.Cl. **6A43B 7/22 6A43B 17/02 6A61F 5/14**  
[25] EN  
[54] **CUBOID-NAVICULAR ORTHOTIC SUPPORT**  
[54] **SUPPORT ORTHOPEDIQUE CUBOIDE-NAVICULAIRE**  
[72] Mitchell, Jane, CA  
[72] Pekar, Thomas, CA  
[73] Mitchell, Jane, CA  
[73] Pekar, Thomas, CA  
[85] 1995-08-18  
[86] 1994-02-28 (PCT/CA94/00108)  
[87] (WO94/19978)  
[30] US (026,069) 1993-03-04

[11] **2,156,630**  
[13] C  
[51] Int.Cl. **6B32B 5/32 6A41D 31/02 6C09J 175/04 6C09K 21/14**  
[25] EN  
[54] **FLAME-RETARDANT, WATERPROOF AND BREATHABLE LAMINATE**  
[54] **STRATIFIE IMPERMEABLE, RESPIRANT ET ININFLAMMABLE**  
[72] Sun, Kwok Kun, US  
[73] W. L. Gore & Associates, Inc., US  
[85] 1995-08-21  
[86] 1993-04-23 (PCT/US93/03877)  
[87] (WO94/21453)  
[30] US (08/033,652) 1993-03-16

[11] **2,156,634**  
[13] C  
[51] Int.Cl. **6H04B 1/40 6H04Q 7/32**  
[25] EN  
[54] **POWER ADAPTER WITH INTEGRAL RADIO FREQUENCY PORT**  
[54] **ADAPTEUR D'ALIMENTATION AVEC UN PORT HAUTE FREQUENCE INTEGRE**  
[72] DeMuro, David M., US  
[72] Albert, Mike M., US  
[72] Kalenowsky, John A., US  
[73] MOTOROLA, INC., US  
[85] 1995-08-21  
[86] 1994-12-05 (PCT/US94/13946)  
[87] (WO95/19069)  
[30] US (08/178,198) 1994-01-06

[11] **2,157,287**  
[13] C  
[51] Int.Cl. **6B65C 7/00**  
[25] EN  
[54] **DISPENSING OF FLEXIBLE PLASTIC FASTENERS FROM LADDER SHAPED STOCK USING A HOLLOW NEEDLE**  
[54] **DISTRIBUTION D'ATTACHES SOUPLES EN PLASTIQUE MONTEES EN ECHELLE A L'AIDE D'UNE AIGUILLE CREUSE**  
[72] Deschenes, Charles L., US  
[72] Cooper, William J., US  
[72] Grendol, Clark L., US  
[72] Kogiso, Hitoshi, JP  
[72] Ito, Tomoyasu, JP  
[72] Kimbara, Hidekatsu, JP  
[73] AVERY DENNISON CORPORATION, US  
[85] 1995-08-30  
[86] 1994-02-28 (PCT/US94/01855)  
[87] (WO94/20372)  
[30] US (08/025,044) 1993-03-01

[11] **2,158,080**  
[13] C  
[51] Int.Cl. **6G03B 27/53 6G03B 27/52 6G03B 27/62**  
[25] EN  
[54] **FILM CHARGING APPARATUS FOR PHOTOGRAPHIC PRINTER**  
[54] **APPAREIL DE CHARGEMENT DE FILM POUR APPAREIL DE TIRAGE PHOTOGRAPHIQUE**  
[72] Miyamori, Takahisa, JP  
[73] NORITSU KOKI CO., LTD., JP  
[22] 1995-09-12  
[30] JP (6-219030) 1994-09-13

[11] **2,158,296**  
[13] C  
[51] Int.Cl. **6H01R 43/01 6H01R 11/00 6H01R 23/02 6H01R 11/20**  
[25] EN  
[54] **INSULATION DISPLACEMENT CONNECTOR INSERTION CAP**  
[54] **CONTACT AUTODENUDANT**  
[72] Arnett, Jaime Ray, US  
[73] AT&T CORP., US  
[22] 1995-09-14  
[30] US (329,671) 1994-10-31

**Brevets canadiens délivrés  
18 avril 2000**

---

[11] **2,158,678**  
[13] C

[51] **Int.Cl. 6A61K 31/54**  
[25] EN  
[54] **USE OF 5-THIA-1, 4-DIAZABICYCLO[4.2.0]OCTANE-3,8-DIOXO COMPOUNDS IN ANTITUMOR THERAPY**  
[54] **UTILISATION DE COMPOSES 5-THIA-1,4-DIAZABICYCLO-4.2.0]OCTANE-3,8-DIOXO EN THERAPIE ANTITUMORALE**  
[72] Kovacevic, Mice, HR  
[72] Grdisa, Mira, HR  
[72] Pavelic, Kresimir, HR  
[72] Horvatic, Marjeta, HR  
[72] Mandic, Zora, HR  
[72] Tomic, Mirjana, HR  
[72] Herak, Jure J., HR  
[72] Lukic, Irena, HR  
[73] PLIVA, farmaceutska, kemijska, prehrambena i kozmeticka industrija,, HR  
[22] 1995-09-20  
[30] HR (P940577A) 1994-09-21

---

[11] **2,158,984**  
[13] C

[51] **Int.Cl. 6A01H 4/00**  
[25] EN  
[54] **METHOD FOR REPRODUCING DOUGLAS-FIR BY SOMATIC EMBRYOGENESIS**  
[54] **METHODE DE REPRODUCTION DU DOUGLAS TAXIFOLIE PAR EMBRYOGENESE**  
[72] Gupta, Pramod K., US  
[72] Pullman, Gerald S., US  
[73] Weyerhaeuser Company, US  
[85] 1995-09-22  
[86] 1995-02-23 (PCT/US95/02293)  
[87] (WO95/22887)  
[30] US (08/201,873) 1994-02-25

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[11] **2,159,459**  
[13] C

[51] **Int.Cl. 6H04L 12/56 6G06F 12/08**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING MEMORY IN A HIGH SPEED NETWORK**  
[54] **PROCEDE ET SYSTEME DE GESTION DE MEMOIRE DANS UN RESEAU RAPIDE**  
[72] Johnston, Cesar Augusto, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 1995-09-28  
[86] 1994-11-29 (PCT/US94/13644)  
[87] (WO95/15526)  
[30] US (160,525) 1993-12-01

---

[11] **2,161,356**  
[13] C

[51] **Int.Cl. 6G10K 11/16 6H03H 21/00**  
[25] EN  
[54] **SYSTEM IDENTIFICATION METHOD AND APPARATUS BY ADAPTIVE FILTER**  
[54] **METHODE ET DISPOSITIF DE RECONNAISSANCE DE SYSTEMES UTILISANT UN FILTRE ADAPTATIF**  
[72] Hirano, Akihiro, JP  
[73] NEC CORPORATION, JP  
[22] 1995-10-25  
[30] JP (269523/94) 1994-11-02

---

[11] **2,161,411**  
[13] C

[51] **Int.Cl. 6C11D 7/28 6C11D 17/00 6C11D 7/02 6C11D 7/32**  
[25] EN  
[54] **LAVATORY CLEANING BLOCK**  
[54] **BLOC DE PRODUIT DE NETTOYAGE POUR CABINET D' AISANCES**  
[72] Dolan, Richard, US  
[72] Riccobono, Paul, US  
[73] HPD LABORATORIES, INC., US  
[85] 1995-10-25  
[86] 1994-05-10 (PCT/US94/05183)  
[87] (WO94/26863)  
[30] US (08/062,118) 1993-05-14

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[11] **2,161,829**  
[13] C

[51] **Int.Cl. 6B62B 7/06 6B62B 9/12**  
[25] EN  
[54] **STROLLER**  
[54] **POUSSETTE**  
[72] Eichhorn, Anthony E., US  
[73] Fisher-Price, Inc., US  
[22] 1995-10-31

---

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

[51] **Int.Cl. 6F15B 1/26**  
[25] EN  
[54] **PLASTIC RESERVOIR**  
[54] **RESERVOIR EN PLASTIQUE**  
[72] Mallett, Dudley C., GB  
[73] FENNER FLUID POWER, A DIVISION OF FENNER, INC., US  
[22] 1995-11-02  
[30] US (08/337,106) 1994-11-10

---

[11] **2,162,312**  
[13] C

[51] **Int.Cl. 6H03K 19/00 6H04B 15/00 6H03K 19/0175 6H04B 15/02 6H03K 17/16 6H01L 23/58 6H01L 23/60**  
[25] EN  
[54] **SYSTEM FOR, AND METHOD OF, MINIMIZING NOISE IN AN INTEGRATED CIRCUIT CHIP**  
[54] **SYSTEME ET METHODE POUR MINIMISER LE BRUIT DANS UN CIRCUIT INTEGRE**  
[72] Wykes, Michael D., US  
[72] Brunolli, Michael J., US  
[73] Brooktree Corporation, US  
[22] 1995-11-07  
[30] US (338,012) 1994-11-10

---

Canadian Patents Issued  
April 18, 2000

[11] **2,162,471**  
[13] C  
[51] **Int.Cl. 6C25B 1/26 6C02F 1/44 6C02F 1/76**  
[25] EN  
[54] **CHLORINE DIOXIDE GENERATION FOR WATER TREATMENT**  
[54] **PRODUCTION DE DIOXYDE DE CHLORE POUR LE TRAITEMENT DE L'EAU**  
[72] Cowley, Gerald, CA  
[72] Lipsztajn, Marek, CA  
[72] Ranger, George Joseph, CA  
[73] STERLING PULP CHEMICALS, LTD., CA  
[85] 1995-11-08  
[86] 1994-05-12 (PCT/CA94/00263)  
[87] (WO94/26670)  
[30] GB (9309769.9) 1993-05-12

[11] **2,163,495**  
[13] C  
[51] **Int.Cl. 6F24F 1/02**  
[25] EN  
[54] **AIR CONDITIONER**  
[54] **CLIMATISEUR**  
[72] Yamada, Wazo, JP  
[72] Maeda, Hideo, JP  
[72] Yoshida, Yoshinori, JP  
[72] Okamoto, Yoshimi, JP  
[72] Seki, Koichiro, JP  
[72] Ohno, Keiko, JP  
[72] Inuzuka, Masato, JP  
[72] Takayama, Hideyuki, JP  
[73] Sanyo Electric Co., Ltd., JP  
[22] 1995-11-22  
[30] JP (7-52088) 1995-02-17  
[30] JP (7-55237) 1995-02-21  
[30] JP (7-84468) 1995-03-17  
[30] JP (7-107132) 1995-04-07

[11] **2,163,709**  
[13] C  
[51] **Int.Cl. 6A63B 57/00**  
[25] EN  
[54] **AUTOMATIC GOLF BALL TEEING UP APPARATUS**  
[54] **APPAREIL PERMETTANT LA MISE EN PLACE AUTOMATIQUE D'UNE BALLE DE GOLF SUR UN TE**  
[72] Provost, Serge, CA  
[73] PROVOST, Serge, CA  
[22] 1995-11-24

[11] **2,164,399**  
[13] C  
[51] **Int.Cl. 6A47G 27/02 6D06N 7/00**  
[25] EN  
[54] **CARPET WITH FLUID BARRIER**  
[54] **TAPIS AVEC COUCHE ETANCHE AUX FLUIDES**  
[72] Irwin, Donald A., Sr., US  
[73] Darwin Enterprises, Inc., US  
[22] 1995-12-04  
[30] US (08/349,438) 1994-12-05

[11] **2,165,683**  
[13] C  
[51] **Int.Cl. 6H01S 3/19**  
[25] EN  
[54] **ELECTRICAL BARRIER STRUCTURE FOR SEMICONDUCTOR DEVICE**  
[54] **BARRIERE ELECTRIQUE POUR DISPOSITIF A SEMICONDUCTEURS**  
[72] Lealman, Ian Francis, GB  
[72] Robertson, Michael James, GB  
[72] Harlow, Michael John, GB  
[72] Spurdens, Paul Charles, GB  
[72] Duncan, William James, GB  
[73] British Telecommunications public limited company, GB  
[85] 1995-12-19  
[86] 1994-07-11 (PCT/GB94/01498)  
[87] (WO95/02910)  
[30] EP (93305447.0) 1993-07-12

[11] **2,166,468**  
[13] C  
[51] **Int.Cl. 6A61K 7/48 6A61K 7/50**  
[25] EN  
[54] **CLEANSING COMPOSITIONS CONTAINING AN ALKANOATE AS CONDITIONER**  
[54] **COMPOSITIONS DE NETTOYAGE RENFERMANT UN ALCANOATE COMME AGENT DE CONDITIONNEMENT**  
[72] Bowser, Paul Anthony, GB  
[72] Edwards, Christopher John Carruthers, GB  
[72] Grieveson, Ailsa Pauline Hilary, GB  
[72] Hagan, Desmond Bernard, GB  
[72] Lyle, Ian Gardner, GB  
[72] Rosser, David Arthur, GB  
[72] Scott, Ian Richard, US  
[73] UNILEVER PLC, GB  
[85] 1996-01-02  
[86] 1994-08-10 (PCT/EP94/02671)  
[87] (WO95/05160)  
[30] GB (9316847.4) 1993-08-13  
[30] GB (9316848.2) 1993-08-13  
[30] GB (9317684.0) 1993-08-25

[11] **2,166,700**  
[13] C  
[51] **Int.Cl. 6C07D 471/06 6C07D 519/00 6A61K 31/47 6A61K 31/495 6A61K 31/535**  
[25] EN  
[54] **HETEROCYCLIC AMINES HAVING CENTRAL NERVOUS SYSTEM ACTIVITY**  
[54] **AMINES HETEROCYCLIQUES AGISSANT SUR LE SYSTEME NERVEUX CENTRAL**  
[72] Romero, Arthur G., US  
[73] PHARMACIA & UPJOHN COMPANY, US  
[85] 1996-01-05  
[86] 1994-06-17 (PCT/US94/06648)  
[87] (WO95/04056)  
[30] US (097,608) 1993-07-27

[11] **2,167,407**  
[13] C  
[51] **Int.Cl. 6B01D 53/04 6G11B 33/14**  
[25] EN  
[54] **AN IMPROVED NON-PARTICULATING COMPACT ADSORBENT FILTER**  
[54] **FILTRE AMELIORE ADSORBANT, COMPACT, NON GENERATEUR DE MATIERES PARTICULAIRES**  
[72] DAUBER, Edwin G., US  
[72] MORTIMER, William P., Jr., US  
[72] WINTERLING, Michael S., US  
[73] W. L. Gore & Associates, Inc., US  
[85] 1996-01-16  
[86] 1994-10-14 (PCT/US94/11702)  
[87] (WO96/06669)  
[30] US (08/298,484) 1994-08-30

[11] **2,167,907**  
[13] C  
[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **ABSORBENT ARTICLE HAVING IMPROVED DRY/WET INTEGRITY**  
[54] **ARTICLE ABSORBANT A INTEGRITE AMELIOREE SEC OU HUMIDE**  
[72] Ashton, Gregory, JP  
[72] Cooper, John Thomas, US  
[72] Hawkins, Craig Andrew, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-01-23  
[86] 1994-07-20 (PCT/US94/08168)  
[87] (WO95/03021)  
[30] US (08/268351) 1994-06-30  
[30] US (08/097634) 1993-07-26

**Brevets canadiens délivrés  
18 avril 2000**

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[11] **2,168,413**  
[13] C

[51] **Int.Cl. 6G21C 21/00 6B08B 7/02**  
[25] EN  
[54] **UNDERWATER LASER PROCESSING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE TRAITEMENT LASER DE MATERIAUX IMMERGES**  
[72] Okazaki, Kouki, JP  
[72] Ito, Arata, JP  
[72] Sano, Yuji, JP  
[72] Mukai, Naruhiko, JP  
[72] Aoki, Nobutada, JP  
[72] Konagai, Chikara, JP  
[72] Kikunaga, Muneyoshi, JP  
[73] Kabushiki Kaisha Toshiba, JP  
[22] 1996-01-30  
[30] JP (13880/1995) 1995-01-31  
[30] JP (18087/1995) 1995-02-06

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[11] **2,168,530**  
[13] C

[51] **Int.Cl. 6H04N 7/173**  
[25] EN  
[54] **A MULTIMEDIA COMMUNICATION SYSTEM**  
[54] **UN SYSTEME DE COMMUNICATION MULTIMEDIA**  
[72] Tanaka, Mitsumasa, JP  
[73] NEC CORPORATION, JP  
[22] 1996-01-31  
[30] JP (17592/95) 1995-02-06

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[11] **2,169,794**  
[13] C

[51] **Int.Cl. 6G03B 27/32 6G03B 27/52**  
[25] EN  
[54] **PHOTOGRAPHIC EXPOSURE APPARATUS**  
[54] **APPAREIL D'EXPOSITION PHOTOGRAPHIQUE**  
[72] Yamamoto, Masahiro, JP  
[72] Oku, Hiroshi, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1996-02-19  
[30] JP (7-32591) 1995-02-21  
[30] JP (7-278103) 1995-10-25  
[30] JP (7-321797) 1995-12-11

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[11] **2,169,909**  
[13] C

[51] **Int.Cl. 6G06F 11/08 6G06F 17/60**  
[25] EN  
[54] **METHOD FOR DETECTING AND REPORTING FAILURES IN EPL SYSTEMS**  
[54] **METHODE POUR DETECTER ET SIGNALER LES DEFAILLANCES DANS LES SYSTEMES ELECTRONIQUES DE LECTURE D'ETIQUETTES DE PRIX**  
[72] Goodwin, John C., III, US  
[73] NCR CORPORATION, US  
[22] 1996-02-20  
[30] US (08/503,144) 1995-07-17

---

[11] **2,170,239**  
[13] C

[51] **Int.Cl. 6H04N 7/01**  
[25] EN  
[54] **CODED MODULATION WITH SHAPING GAIN**  
[54] **MODULATION CODEE AVEC GAIN DE MISE EN FORME**  
[72] Wei, Lee-Fang, US  
[73] AT&T CORP., US  
[85] 1996-02-23  
[86] 1995-07-14 (PCT/US95/08923)  
[87] (WO96/03004)  
[30] US (276,079) 1994-07-15

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[11] **2,170,358**  
[13] C

[51] **Int.Cl. 6A61B 17/03 6A61M 29/00**  
[25] EN  
[54] **VASOOCCLUSIVE COILS WITH THROMBOGENIC ENHANCING FIBERS**  
[54] **SERPENTINS VASO-OCCLUSIFS AVEC DES FIBRES FAVORISANT LA THROMBOGENESE**  
[72] Mirigian, Gregory E., US  
[72] Van, Nga Thi, US  
[73] TARGET THERAPEUTICS, INC., US  
[85] 1996-02-26  
[86] 1995-06-21 (PCT/US95/08075)  
[87] (WO96/00035)  
[30] US (08/265,188) 1994-06-24

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[11] **2,170,796**  
[13] C

[51] **Int.Cl. 6G06F 1/16 6A47B 21/00**  
[25] EN  
[54] **SECTIONED WRIST REST FOR KEYBOARDS, POINTING DEVICES, AND THE LIKE**  
[54] **REPOSE POIGNETS MODULAIRE POUR CLAVIERS, POUR DISPOSITIFS DE POINTAGE ET AUTRES ELEMENTS ANALOGUES**  
[72] Bergh, James Allen, US  
[72] Temple, James Manson, US  
[72] Drew, Terrance Martin, US  
[72] Rutter, Bryce George, US  
[73] CASE LOGIC, INC., US  
[22] 1996-03-01  
[30] US (397,387) 1995-03-02

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[11] **2,171,344**  
[13] C

[51] **Int.Cl. 6H04L 12/24**  
[25] EN  
[54] **PROTECTION NETWORK DESIGN**  
[54] **MODELE DE PROTECTION DE RESEAU**  
[72] Johnson, David, GB  
[73] British Telecommunications public limited company, GB  
[85] 1996-03-07  
[86] 1994-10-07 (PCT/GB94/02190)  
[87] (WO95/10149)  
[30] GB (9320641.5) 1993-10-07  
[30] EP (94302673.2) 1994-04-14

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[11] **2,173,092**  
[13] C

[51] **Int.Cl. 6G06K 9/46 6G06T 7/60**  
[25] EN  
[54] **IMAGE PROCESSING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE TRAITEMENT D'IMAGES**  
[72] Washizawa, Teruyoshi, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1996-03-29  
[30] JP (7-076510) 1995-03-31  
[30] JP (7-076515) 1995-03-31

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Canadian Patents Issued  
April 18, 2000

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

[51] Int.Cl. 6G02F 1/35 6H04J 14/08  
6H01S 3/103 6G02F 1/19 6H01S 3/25  
6H04Q 3/52  
[25] EN  
[54] OPTICAL SWITCHING DEVICE  
[54] DISPOSITIF DE COMMUTATION  
OPTIQUE  
[72] Manning, Robert John, GB  
[72] Spirit, David Michael, GB  
[72] Patrick, David Malcolm, GB  
[72] Ellis, Andrew David, GB  
[73] British Telecommunications public  
limited company, GB  
[85] 1996-04-01  
[86] 1994-10-11 (PCT/GB94/02240)  
[87] (WO95/10795)  
[30] EP (93308067.3) 1993-10-11  
[30] GB (9401558.3) 1994-01-27  
[30] GB (9401463.6) 1994-01-26  
[30] EP (93308066.5) 1993-10-11

[11] 2,174,796  
[13] C

[51] Int.Cl. 6G06F 17/40  
[25] EN  
[54] METHOD FOR AUTOMATIC  
MAINTENANCE OF A LOCAL  
NUMBER PORTABILITY DATABASE  
[54] METHODE DE MAINTENANCE  
AUTOMATIQUE DE BASES DE  
DONNEES DE NUMEROS LOCAUX  
[72] Dunn, James Patrick, US  
[73] AT&T IPM CORP., US  
[22] 1996-04-23  
[30] US (492,259) 1995-06-19

[11] 2,174,910  
[13] C

[51] Int.Cl. 6B60T 8/22  
[25] EN  
[54] PNEUMATIC EMPTY/LOAD  
PROPORTIONING FOR ELECTRO-  
PNEUMATIC BRAKE  
[54] APPAREIL DE COMMANDE DE  
CHARGE POUR SYSTEME DE  
FREINAGE ELECTROPNEUMATIQUE  
A MICROPROCESSEUR  
[72] MCKAY, ALBERT A., CA  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1996-04-24  
[30] US (08/585,629) 1996-01-16

[11] 2,175,131  
[13] C

[51] Int.Cl. 6H01R 23/72  
[25] EN  
[54] CONNECTOR FOR CIRCUIT  
BOARDS  
[54] CONNECTEUR DE PLAQUETTES  
[72] Aramizu, Tatsuo, JP  
[73] NEC CORPORATION, JP  
[22] 1996-04-26  
[30] JP (7-106635) 1995-04-28

[11] 2,175,229  
[13] C

[51] Int.Cl. 6B27N 3/04  
[25] EN  
[54] PROCESS FOR THE PRODUCTION  
OF A FIBROUS SHEET MATERIAL  
[54] PROCEDE DE PRODUCTION  
D'UNE MATIERE EN FEUILLE  
FIBREUSE  
[72] Kroyer, Karl Kristian Kobs (deceased),  
FR  
[73] Kroyer, Ingelise Kobs, FR  
[73] Houlberg, Vibeke Kobs, DK  
[85] 1996-04-26  
[86] 1994-10-28 (PCT/DK94/00398)  
[87] (WO95/12020)  
[30] US (08/141,922) 1993-10-28

[11] 2,176,310  
[13] C

[51] Int.Cl. 6H04B 10/17  
[25] EN  
[54] OPTICAL FIBER AMPLIFIER  
HAVING LIGHT SURGE PREVENTING  
FUNCTION  
[54] AMPLIFICATEUR A FIBRE  
OPTIQUE A DISPOSITIF DE  
PROTECTION CONTRE LES  
SURINTENSITES LUMINEUSES  
[72] Shibuya, Takashi, JP  
[73] NEC CORPORATION, JP  
[22] 1996-05-10  
[30] JP (114401/1995) 1995-05-12

[11] 2,176,487  
[13] C

[51] Int.Cl. 6C25D 1/04  
[25] EN  
[54] PROCESS FOR MAKING COPPER  
WIRE  
[54] PROCEDE DE FABRICATION DE  
FIL DE CUIVRE  
[72] Young, Sharon K., US  
[72] Mills, Bradford A., US  
[72] Eamon, Michael A., US  
[72] Bay, Adam G., US  
[72] Peckham, Peter, US  
[72] Wright, Roger N., US  
[72] Kohut, Stephen J., US  
[73] ElectroCopper Products Limited, US  
[85] 1996-05-13  
[86] 1995-08-07 (PCT/US95/09966)  
[87] (WO96/13624)  
[30] US (08/329,235) 1994-10-26

[11] 2,178,058  
[13] C

[51] Int.Cl. 6B01D 53/26 6B01D 50/00  
[25] EN  
[54] TWIN TOWER AIR DRYER FOR  
AN AIR COMPRESSOR UNIT  
[54] ASSECHEUR D'AIR A COLONNE  
DOUBLE POUR COMPRESSEUR D'AIR  
[72] Castle, T. Kevin, US  
[72] Kazakis, Michael V., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1996-06-03  
[30] US (08/597,076) 1996-02-06

[11] 2,178,126  
[13] C

[51] Int.Cl. 6A61B 17/03 6A61M 29/00  
[25] EN  
[54] THREE-DIMENSIONAL IN-  
FILLING VASO-OCCLUSIVE COILS  
[54] SPIRALES  
TRIDIMENSIONNELLES  
IMPLANTABLES POUR OCCLUSION  
VASCULAIRE  
[72] Mariant, Michael J., US  
[73] TARGET THERAPEUTICS, INC., US  
[22] 1996-06-04  
[30] US (08/467,403) 1995-06-06

**Brevets canadiens délivrés  
18 avril 2000**

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[11] **2,178,127**  
[13] C

[51] **Int.Cl. 6A61B 17/03 6A61M 29/00**  
[25] EN  
[54] **VARIABLE STIFFNESS COILS**  
[54] **BOBINES DE RIGIDITE VARIABLE**  
[72] Samson, Gene, US  
[72] Sepetka, Ivan, US  
[72] Chee, U. Hiram, US  
[72] Ken, Christopher G. M., US  
[72] Van, Nga Thi, US  
[73] **TARGET THERAPEUTICS, INC., US**  
[22] 1996-06-04  
[30] US (08/480,042) 1995-06-06

---

[11] **2,178,164**  
[13] C

[51] **Int.Cl. 6F16D 69/04 6F16D 69/02 6C08J 5/14**  
[25] EN  
[54] **FRICTION BRAKE SUBASSEMBLY**  
[54] **SOUS-ENSEMBLE DE FREIN A FROTTEMENT**  
[72] Cecere, James Anthony, US  
[73] **MOOG AUTOMOTIVE PRODUCTS, INC., US**  
[22] 1996-06-04  
[30] US (08/494,803) 1995-06-26

---

[11] **2,178,416**  
[13] C

[51] **Int.Cl. 6B01L 3/02**  
[25] EN  
[54] **PIPET WITH INDICIA OF SCALE GRADUATION MARKING LOCATION**  
[54] **PIPETTE AVEC MARQUES PARTICULIERES DE GRADUATION**  
[72] Mussi, Edward F., US  
[72] Steele, Timothy P., US  
[73] **BECTON, DICKINSON AND COMPANY, US**  
[22] 1996-06-06  
[30] US (08,491,189) 1995-06-16

---

[11] **2,178,471**  
[13] C

[51] **Int.Cl. 6C07D 295/24**  
[25] EN  
[54] **PRODUCTION OF ALMOST COLORLESS SOLUTIONS OF N-METHYLMORPHOLINE OXIDE**  
[54] **PRODUCTION DE SOLUTIONS PRESQUE INCOLORES D'OXYDE DE N-METHYLMORPHOLINE**  
[72] Massonne, Klemens, DE  
[72] Konrad, Gerd, DE  
[72] Sandison, Mark D., US  
[72] Moffitt, Gregory E., US  
[72] James, Lawrence E., US  
[72] Banger, John, US  
[73] **BASF CORPORATION, US**  
[22] 1996-06-06  
[30] US (08/482,391) 1995-06-07

---

[11] **2,179,372**  
[13] C

[51] **Int.Cl. 6H01R 13/62 6H01R 23/70**  
[25] EN  
[54] **LATCH FOR IC CARD CONNECTOR**  
[54] **DISPOSITIF DE VERROUILLAGE POUR CONNECTEUR DE CARTE DE CIRCUIT INTEGRE**  
[72] Bethurum, Gary Cain, US  
[73] **ITT MANUFACTURING ENTERPRISES, INC., US**  
[22] 1996-06-18  
[30] US (08/492,223) 1995-06-19

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[11] **2,179,409**  
[13] C

[51] **Int.Cl. 6C11D 3/395 6C11D 17/00 6C11D 1/83**  
[25] EN  
[54] **THICKENED ALKALI METAL HYPOCHLORITE COMPOSITIONS**  
[54] **COMPOSITIONS A BASE D'HYPOCHLORITE DE METAL ALCALIN EPAISSIES**  
[72] Chang, David L., US  
[73] **Reckitt & Colman Inc., US**  
[85] 1996-06-18  
[86] 1994-11-21 (PCT/US94/13519)  
[87] (WO95/18209)  
[30] US (08/174,905) 1993-12-29

---

[11] **2,179,497**  
[13] C

[51] **Int.Cl. 6H04L 9/22 6G07C 15/00**  
[25] EN  
[54] **PSEUDO-RANDOM GENERATOR**  
[54] **GENERATEURS PSEUDO-ALEATOIRES**  
[72] Aiello, William Anthony, US  
[72] Venkatesan, Ramarathnam, US  
[73] **TELCORDIA TECHNOLOGIES, INC., US**  
[85] 1996-06-19  
[86] 1995-01-18 (PCT/US95/00716)  
[87] (WO95/20278)  
[30] US (186,208) 1994-01-25

---

[11] **2,180,220**  
[13] C

[51] **Int.Cl. 6H04M 11/04**  
[25] EN  
[54] **COMMUNITY EMERGENCY TELEPHONE NOTIFICATION SYSTEM**  
[54] **SYSTEME COMMUNAUTAIRE DE NOTIFICATION TELEPHONIQUE EN CAS D'URGENCE**  
[72] Allport, Douglas C., CA  
[73] Allport, Douglas C., CA  
[22] 1996-06-28  
[30] US (60/000,649) 1995-06-29

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[11] **2,180,385**  
[13] C

[51] **Int.Cl. 6A63B 21/062**  
[25] EN  
[54] **EXERCISING MACHINE WITH DIRECT DRIVE TO WEIGHT STACK**  
[54] **APPAREIL DE CONDITIONNEMENT PHYSIQUE A ENTRAINEMENT DIRECT DES POIDS**  
[72] Domzalski, Ken, US  
[73] **3266974 CANADA INC., CA**  
[22] 1996-07-03

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[11] **2,181,316**  
[13] C

[51] **Int.Cl. 6H01R 13/658 6H01R 23/70**  
[25] EN  
[54] **IC CARD CONNECTOR SHIELD GROUNDING**  
[54] **MISE A LA TERRE DE CONNEXEURS BLINDES DE CARTE DE CIRCUIT IMPRIME**  
[72] Mosquera, Rene A., US  
[73] **ITT Manufacturing Enterprises, Inc., US**  
[22] 1996-07-16  
[30] US (08/503,025) 1995-07-17

Canadian Patents Issued  
April 18, 2000

[11] 2,181,790  
[13] C

[51] Int.Cl. 6E21B 31/00 6C09K 7/02  
6E21B 31/03 6C09K 7/06  
[25] EN  
[54] METHOD AND COMBINATION OF  
MATERIALS FOR RELEASING A  
STUCK PIPE  
[54] PROCEDE ET COMBINAISON DE  
MATERIELS SERVANT A DEGAGER  
UN TUBE GRIPPE  
[72] Fisk, James V., Jr., US  
[72] Kirsner, Jeffrey P., US  
[73] Baroid Technology Inc., US  
[85] 1996-07-22  
[86] 1995-01-20 (PCT/US95/00757)  
[87] (WO95/20094)  
[30] US (184,427) 1994-01-21

[11] 2,181,869  
[13] C

[51] Int.Cl. 6B61C 17/12 6B61L 25/02  
[25] EN  
[54] METHOD OF DETERMINING CAR  
POSITION  
[54] METHODE POUR LOCALISER UN  
WAGON DANS UNE RAME DE  
CHEMIN DE FER  
[72] Bezos, Angel P., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1996-07-23  
[30] US (08/653,153) 1996-05-24

[11] 2,182,339  
[13] C

[51] Int.Cl. 6F04B 39/06 6F04B 25/00  
[25] EN  
[54] THERMOSTATICALLY  
CONTROLLED INTERCOOLER  
SYSTEM FOR A MULTIPLE STAGE  
COMPRESSOR AND METHOD  
[54] SYSTEME  
D'INTERREFROIDISSEUR A  
COMMANDE THERMOSTATIQUE  
POUR COMPRESSEUR A PLUSIEURS  
ETAGES ET METHODE CONNEXE  
[72] Cunkelman, Brian L., US  
[72] Goettel, Walter E., US  
[72] Wagner, Daniel G., US  
[72] Drummond, Roger, US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1996-07-30  
[30] US (08/657,651) 1996-06-03

[11] 2,182,512  
[13] C

[51] Int.Cl. 6C01G 1/00 6C08K 13/02  
6C08K 3/18  
[25] EN  
[54] BASIC LAYERED LATTICE  
COMPOUNDS  
[54] COMPOSES BASIQUES A RESEAU  
STRATIFIE  
[72] Schiller, Michael, AT  
[72] Hensel, Hartmut, AT  
[72] Krivanec, Heinz, AT  
[72] Pacher, Karoline, AT  
[72] Ebner, Paul, AT  
[72] Dolleschal, Klaus, AT  
[72] Lattacher, Emil, AT  
[72] Summerer, Christina, AT  
[73] Chemson Polymer-Additive Gesellschaft  
m.b.H., AT  
[85] 1996-07-31  
[86] 1995-01-31 (PCT/EP95/00340)  
[87] (WO95/21127)  
[30] AT (A 203/94) 1994-02-03  
[30] DE (P 44 39 934.0) 1994-11-08  
[30] AT (A 204/94) 1994-02-03

[11] 2,182,571  
[13] C

[51] Int.Cl. 6A61F 13/56  
[25] EN  
[54] SANITARY NAPKIN WITH  
EXPANDABLE FLAPS  
[54] SERVIETTE HYGIENIQUE A  
RABATS EXTENSIBLES  
[72] Lavash, Bruce William, US  
[72] Osborn, Thomas Ward, III, US  
[72] Olson, Christy Ann, US  
[72] Hines, Letha Margie, US  
[72] Ventura, Peter David, US  
[72] Linman, Elmer Kelly, US  
[72] Mansfield, Michele Ann, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1996-08-01  
[86] 1995-02-06 (PCT/US95/01525)  
[87] (WO95/20932)  
[30] US (08/192,240) 1994-02-04  
[30] US (08/391,297) 1995-02-03

[11] 2,182,578  
[13] C

[51] Int.Cl. 6C07H 19/06 6C07H 19/23  
[25] EN  
[54] HALOGENATED DERIVATIVES  
OF 2,3'-O-CYCLOCYTIDINE  
COMPOUNDS AND PROCESS FOR  
PRODUCTION THEREOF  
[54] DERIVES HALOGENES DE  
COMPOSES DE 2,3'-O-  
CYCLOCYTIDINE ET PROCEDE DE  
PRODUCTION DE CES DERIVES  
[72] Radatus, Bruno Konrad, CA  
[72] Karimian, Khashayar, CA  
[72] Daljeet, Anand, CA  
[72] Murthy, Keshava, CA  
[73] BRANTFORD CHEMICALS INC., CA  
[85] 1996-08-01  
[86] 1995-02-01 (PCT/CA95/00048)  
[87] (WO95/21183)  
[30] US (08/191,192) 1994-02-02

[11] 2,182,943  
[13] C

[51] Int.Cl. 6H03K 5/08 6G05F 3/26  
6H03K 3/45  
[25] EN  
[54] SIGNAL-RECEIVING AND  
SIGNAL-PROCESSING UNIT  
[54] UNITE DE RECEPTION ET DE  
TRAITEMENT DE SIGNAUX  
[72] Hedberg, Mats Olof Joakim, SE  
[73] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[85] 1996-08-08  
[86] 1995-02-16 (PCT/SE95/00165)  
[87] (WO95/22853)  
[30] SE (9400593-1) 1994-02-21

[11] 2,183,158  
[13] C

[51] Int.Cl. 6B65D 5/18 6B65D 75/14  
[25] FR  
[54] EMBALLAGES EVOLUTIFS POUR  
SANDWICHES CYLINDRIQUES ET  
ASSIMILES  
[54] EVOLUTIVE PACKAGES FOR  
CYLINDRICAL SANDWICHES AND  
THE LIKE  
[72] Benarrouch, Jacques, FR  
[73] Benarrouch, Jacques, FR  
[73] Mead Corporation (The), US  
[85] 1996-08-12  
[86] 1995-02-15 (PCT/FR95/00181)  
[87] (WO95/21781)  
[30] FR (94 01949) 1994-02-15  
[30] FR (94 14244) 1994-11-22

**Brevets canadiens délivrés  
18 avril 2000**

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[11] **2,183,703**  
[13] C

[51] **Int.Cl. 6A61M 5/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR VARIABLY REGULATING THE LENGTH OF A COMBINED SPINAL-EPIDURAL NEEDLE**  
[54] **METHODE ET APPAREIL POUR REGLER LA LONGUEUR D'UNE AIGUILLE COMBINEE SPINALE-PERIDURALE**  
[72] Houghton, Frederick C., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1996-08-20  
[30] US (08/529,301) 1995-09-15

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[11] **2,183,744**  
[13] C

[51] **Int.Cl. 6C11D 1/37 6C11D 17/06 6C11D 3/34**  
[25] EN  
[54] **GRANULAR DETERGENT COMPOSITION CONTAINING HYDROTROPES**  
[54] **COMPOSITION DETERGENTE GRANULAIRE CONTENANT DES HYDROTROPES**  
[72] Swift, Ronald Allen, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-08-27  
[86] 1995-02-24 (PCT/US95/02298)  
[87] (WO95/23205)  
[30] US (203,287) 1994-02-28

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[11] **2,183,786**  
[13] C

[51] **Int.Cl. 6F23G 5/30 6F23G 5/02**  
[25] FR  
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT DE DECHETS PAR SECHAGE, SUBLIMATION, OXYDATION ET COMBUSTION**  
[54] **METHOD AND PLANT FOR WASTE TREATMENT BY DRYING, SUBLIMATION, OXIDATION AND COMBUSTION**  
[72] BAUDEQUIN, François, FR  
[72] FIGUERAS, Michel, FR  
[73] ELECTRICITE DE FRANCE, FR  
[73] FM INDUSTRIE, FR  
[73] FIGUERAS, Michel, FR  
[85] 1996-08-20  
[86] 1995-02-24 (PCT/FR95/00223)  
[87] (WO95/23317)  
[30] FR (94/02486) 1994-02-25

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[11] **2,183,794**  
[13] C

[51] **Int.Cl. 6A41G 1/04**  
[25] EN  
[54] **DECORATIVE GARLAND**  
[54] **GUIRLANDE**  
[72] Ruff, Edward, US  
[73] SANTA'S BEST, US  
[22] 1996-08-21  
[30] US (08/535,946) 1995-09-28

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[11] **2,184,292**  
[13] C

[51] **Int.Cl. 6A01F 15/07 6A01F 15/08**  
[25] EN  
[54] **CYLINDRICAL BALER HAVING HYDRAULIC CIRCUIT FOR CONTROLLING BALE DENSITY AND TAILGATE OPERATION**  
[54] **BOTTELEUSE MECANIQUE FORMANT DES BALLEES CYLINDRIQUES ET EQUIPEE D'UN CIRCUIT HYDRAULIQUE CONTROLANT LA DENSITE DES BALLEES ET LE FONCTIONNEMENT DE L'EJECTEUR**  
[72] Viesselmann, Kim P., US  
[72] Henderson, Steven J., US  
[73] GEHL COMPANY, US  
[22] 1996-08-27  
[30] US (08/519,778) 1995-08-28

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[11] **2,184,535**  
[13] C

[51] **Int.Cl. 6B01D 36/04**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SEPARATION OF SOLIDS FROM LIQUID**  
[54] **APPAREIL ET METHODE PERMETTANT DE SEPARER DES SOLIDES CONTENUS DANS UN LIQUIDE**  
[72] Willis, H. Craig, CA  
[72] Willis, Bradley C., CA  
[72] Willis, W. Brent, CA  
[73] HYDROTECH DYNAMICS LTD., CA  
[22] 1996-08-30

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[11] **2,185,173**  
[13] C

[51] **Int.Cl. 6F02D 41/10**  
[25] EN  
[54] **ACCELERATION TIME CONTROLLER FOR INTERNAL COMBUSTION ENGINE**  
[54] **CONTROLEUR DU TEMPS D'ACCELERATION POUR MOTEUR A COMBUSTION INTERNE**  
[72] Hosoi, Keiji, JP  
[73] SUZUKI MOTOR CORPORATION, JP  
[22] 1996-09-10  
[30] JP (7-354251) 1995-12-29

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[11] **2,185,434**  
[13] C

[51] **Int.Cl. 6A41D 31/00 6B63C 11/04**  
[25] EN  
[54] **THERMOINSULATIVE PROTECTIVE GARMENTS**  
[54] **VETEMENTS PROTECTEURS THERMO-ISOLANTS**  
[72] Middleton, Nigel John, GB  
[73] Micro Thermal Systems Limited, GB  
[85] 1996-09-12  
[86] 1994-02-17 (PCT/GB94/00323)  
[87] (WO95/22262)

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[11] **2,185,626**  
[13] C

[51] **Int.Cl. 6G08B 13/24 6G01S 13/75**  
[25] EN  
[54] **RADIO FREQUENCY IDENTIFICATION TRANSPONDER APPARATUS AND METHOD**  
[54] **TRANSPONDEUR RADIOFREQUENCE ET METHODE D'IDENTIFICATION CONNEXE**  
[72] de Vall, Franklin B., US  
[73] HID CORPORATION, US  
[22] 1996-09-16  
[30] US (08/540,785) 1995-10-11

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Canadian Patents Issued  
April 18, 2000

[11] **2,186,416**  
[13] C  
[51] **Int.Cl. 6G10K 11/178 6H04M 3/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MULTI-CHANNEL ACOUSTIC ECHO CANCELLATION**  
[54] **METHODE ET APPAREIL DE COMMUNICATION MULTICANAL**  
[72] Shimauchi, Suehiro, JP  
[72] Makino, Shoji, JP  
[72] Kojima, Junji, JP  
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 1996-09-25  
[30] JP (247724/95) 1995-09-26  
[30] JP (64708/96) 1996-03-21

[11] **2,186,901**  
[13] C  
[51] **Int.Cl. 6A61M 25/09**  
[25] EN  
[54] **MULTI-COATING STAINLESS STEEL GUIDEWIRE**  
[54] **FIL GUIDE EN ACIER INOXYDABLE A REVETEMENT MULTICOUCHE**  
[72] Engelson, Erik T., US  
[73] TARGET THERAPEUTICS, INC., US  
[22] 1996-09-30  
[30] US (08/535,806) 1995-09-29

[11] **2,186,983**  
[13] C  
[51] **Int.Cl. 6B41J 13/00**  
[25] EN  
[54] **SUCTION FEEDER**  
[54] **DISPOSITIF D'ALIMENTATION A SUCCION**  
[72] Motooka, Eiji, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1996-10-02  
[30] JP (7-272929) 1995-10-20

[11] **2,187,144**  
[13] C  
[51] **Int.Cl. 6B26D 5/02**  
[25] EN  
[54] **POWERED TOOL POSITIONER SYSTEM**  
[54] **SYSTEME DE POSITIONNEMENT D'OUTIL MOTORISE**  
[72] Miller, William R., US  
[72] Ackerman, Peter P., US  
[72] Shinn, Robert F., US  
[73] TIDLAND CORPORATION, US  
[22] 1996-10-04  
[30] US (08/549,657) 1995-10-27

[11] **2,187,454**  
[13] C  
[51] **Int.Cl. 6H04M 11/00 6H04M 3/38**  
[25] EN  
[54] **TELEMETRY SYSTEM**  
[54] **SYSTEME DE TELEMESURE**  
[72] Hoy, Michael Davey, GB  
[72] Nolde, Keith Eric, GB  
[73] British Telecommunications public limited company, GB  
[85] 1996-10-08  
[86] 1995-04-12 (PCT/GB95/00854)  
[87] (WO95/28792)  
[30] EP (94302620.3) 1994-04-13

[11] **2,188,169**  
[13] C  
[51] **Int.Cl. 6G07D 9/00**  
[25] EN  
[54] **BANKNOTE HANDLING APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE BILLETS DE BANQUE**  
[72] Fujita, Masanobu, JP  
[72] Kanno, Noriyuki, JP  
[73] JAPAN CASH MACHINE CO., LTD., JP  
[85] 1996-10-17  
[86] 1996-03-07 (PCT/JP96/00562)  
[87] (WO96/27860)  
[30] JP (7-47651) 1995-03-07

[11] **2,188,223**  
[13] C  
[51] **Int.Cl. 6F23C 6/00 6F02C 7/22 6F23R 3/34**  
[25] EN  
[54] **SUPPLYING HEAT TO AN EXTERNALLY FIRED POWER SYSTEM**  
[54] **FOURNITURE DE CHALEUR A UN SYSTEME D'ENERGIE A CHAUFFE EXTERNE**  
[72] Kalina, Alexander I., US  
[72] Mirolli, Mark D., US  
[73] EXERGY, INC., US  
[22] 1996-10-18  
[30] US (08/546,419) 1995-10-20

[11] **2,188,739**  
[13] C  
[51] **Int.Cl. 6G01F 1/58 6G01F 1/60**  
[25] EN  
[54] **ELECTROMAGNETIC FLOWMETER**  
[54] **DEBITMETRE ELECTROMAGNETIQUE**  
[72] Sai, Yukio, JP  
[72] Kubota, Yousuke, JP  
[73] Kabushiki Kaisha Toshiba, JP  
[22] 1996-10-24  
[30] JP (7-279023) 1995-10-26

[11] **2,189,565**  
[13] C  
[51] **Int.Cl. 6C11D 10/04 6C11D 17/00 6C11D 3/37**  
[25] EN  
[54] **PERSONAL CLEANSING SOAP-SYNTHETIC BAR COMPOSITIONS WITH LOW LEVELS OF NONIONIC, POLYETHYLENE/POLYPROPYLENE GLYCOL POLYMERS FOR IMPROVED MILDNESS**  
[54] **COMPOSITIONS DE PAIN DE SAVON SYNTHETIQUE DE TOILETTE A FAIBLE TENEUR EN POLYMERES DE POLYETHYLENE/POLYPROPYLENE GLYCOL NON IONIQUES AUGMENTANT LA DOUCEUR**  
[72] Cox, Sherri Vesalga, US  
[72] Dunbar, James Charles, US  
[72] Richard, Marilyn Ann, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-11-04  
[86] 1995-05-03 (PCT/US95/05486)  
[87] (WO95/30737)  
[30] US (08/240,190) 1994-05-10

[11] **2,189,645**  
[13] C  
[51] **Int.Cl. 6B26B 21/00**  
[25] EN  
[54] **SHAVING SYSTEM**  
[54] **SYSTEME DE RASAGE**  
[72] Chylinski, Henryk J., US  
[72] Jacobson, Chester F., US  
[72] Salisbury, Timothy M., US  
[72] Borden, Frederick R., US  
[73] THE GILLETTE COMPANY, US  
[85] 1996-11-05  
[86] 1995-05-12 (PCT/US95/06030)  
[87] (WO95/31315)  
[30] US (245,245) 1994-05-17

**Brevets canadiens délivrés  
18 avril 2000**

---

[11] **2,191,907**  
[13] C

[51] **Int.Cl. 6H04N 7/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR POST-PROCESSING IMAGES TO REDUCE ARTIFACTS**  
[54] **METHODE ET APPAREIL POUR LE POST-TRAITEMENT D'IMAGES POUR EN REDUIRE LES PHENOMENES PARASITES**  
[72] Apostolopoulos, John G., US  
[72] Jayant, Nuggehally Sampath, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1996-12-03  
[30] US (573,705) 1995-12-18

---

[11] **2,192,151**  
[13] C

[51] **Int.Cl. 6B60T 8/60**  
[25] EN  
[54] **TRAIN BRAKE PERFORMANCE MONITOR**  
[54] **DISPOSITIF DE CONTROLE DE L'ETAT DES FREINS D'UN TRAIN**  
[72] Kull, Robert C., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1996-12-05  
[30] US (601,688) 1996-02-15

---

[11] **2,192,184**  
[13] C

[51] **Int.Cl. 6C12P 21/00 6C07K 1/14**  
[25] EN  
[54] **EXTRACTION OF HETEROLOGOUS INSOLUBLE PROTEINS FROM BACTERIA**  
[54] **EXTRACTION DE PROTEINES INSOLUBLES HETEROLOGUES A PARTIR DE BACTERIES**  
[72] Alroy, Yair, US  
[72] Zhu, Jingdong, US  
[72] Condon, Russell, US  
[73] SCHERING CORPORATION, US  
[85] 1996-12-05  
[86] 1995-06-19 (PCT/US95/07129)  
[87] (WO95/35368)  
[30] US (08/263,961) 1994-06-22

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[11] **2,192,670**  
[13] C

[51] **Int.Cl. 6B21C 47/06**  
[25] EN  
[54] **STECKEL MILL COILER FURNACE INCORPORATING HEATED PINCH ROLLS**  
[54] **FOUR A BOBINEUSES A TRAIN STECKEL ET ROULEAUX PINCEURS CHAUFFES**  
[72] Smith, Olan R., CA  
[73] IPSCO Inc., CA  
[85] 1996-12-11  
[86] 1995-06-27 (PCT/US95/08311)  
[87] (WO96/01548)  
[30] US (08/270,174) 1994-07-01

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[11] **2,193,148**  
[13] C

[51] **Int.Cl. 6B65D 5/46 6B65D 5/475**  
[25] EN  
[54] **CARRIER BOX**  
[54] **BOITE DE TRANSPORT**  
[72] Delisle, Alain, CA  
[72] Delisle, Charles, CA  
[72] Zampini, Gerry, CA  
[73] ROLLAND INC., CA  
[22] 1996-12-17

---

[11] **2,193,227**  
[13] C

[51] **Int.Cl. 6H04L 9/32 6G06F 12/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE VERIFICATION OF DATA SEQUENCES**  
[54] **PROCEDE ET APPAREIL POUR VERIFIER DES SEQUENCES DE DONNEES**  
[72] Van Tilburg, Johan, NL  
[73] KONINKLIJKE KPN N.V., NL  
[85] 1996-12-17  
[86] 1995-07-18 (PCT/EP95/02879)  
[87] (WO96/04732)  
[30] NL (9401246) 1994-07-29

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[11] **2,193,299**  
[13] C

[51] **Int.Cl. 6B29C 45/00 6B65D 63/10 6F16G 11/14**  
[25] EN  
[54] **REMOVAL OF INJECTION-MOLDED TIE FROM MOLD BY MOVING CORE DISPOSED OUTSIDE OF ABUTMENT WALL OF TIE**  
[54] **DEMOULAGE DE CONNECTEURS DE CABLES MOULES PAR INJECTION, PAR RETRAIT DE LA PARTIE DU NOYAU DU MOULE TOUCHANT A L'EXTERIEUR DE LA SURFACE DE BUTEE**  
[72] Sorensen, Soren Christian, GB  
[72] Sorensen, Jens Ole, GB  
[73] GB ELECTRICAL, INC., US  
[22] 1996-12-18  
[30] JP (8-27215) 1996-01-08

---

[11] **2,193,560**  
[13] C

[51] **Int.Cl. 6G01F 23/284**  
[25] EN  
[54] **PROCESSOR APPARATUS AND METHOD FOR A PROCESS MEASUREMENT SIGNAL**  
[54] **APPAREIL ET METHODE DE TRAITEMENT D'UN SIGNAL PRODUIT DURANT UNE MESURE D'UN PROCEDE**  
[72] Wartmann, Gerd, US  
[72] Perdue, Kenneth Lee, US  
[72] Swager, Richard B., US  
[72] Cummings, Donald D., US  
[73] ENDRESS + HAUSER GMBH + CO., DE  
[22] 1996-12-20  
[30] US (08/576,554) 1995-12-21  
[30] US (08/763,665) 1996-12-11

---

Canadian Patents Issued  
April 18, 2000

[11] 2,194,080  
[13] C

[51] Int.Cl. 6C07D 239/60 6C07D 405/12  
6C07D 405/14 6C07D 409/14  
[25] EN  
[54] NOVEL PROCESS FOR  
PREPARING 2,6-DI(4,6-  
DIMETHOXYPYRIMIDIN-2-YL)  
OXYBENZOIC ACID OXIME ESTER  
DERIVATIVES  
[54] PROCEDE DE PREPARATION DE  
DERIVES DE L'ESTER DE L'OXIME DE  
L'ACIDE 2,6-DI(4,6-  
DIMETHOXYPYRIMIDIN-2-YL)  
OXYBENZOIQUE  
[72] Lee, Seong-Min, KR  
[72] Bae, Jae-Soon, KR  
[72] Cho, Jin-Ho, KR  
[72] Lee, Sang-Ho, KR  
[72] Choi, Nak-Hee, KR  
[72] Sa, Jong-Sin, KR  
[72] Kim, Kun-Tai, KR  
[72] Lee, Byoung-Bae, KR  
[72] Joe, Goon-Ho, KR  
[72] Ahn, Sei-Chang, KR  
[72] Kang, Chang-Mo, KR  
[73] LG CHEMICAL LTD., KR  
[22] 1996-12-27  
[30] KR (95-61160) 1995-12-28  
[30] KR (96-43480) 1996-10-01  
[30] KR (96-2737) 1996-02-05

[11] 2,194,421  
[13] C

[51] Int.Cl. 6H04L 9/28  
[25] EN  
[54] CRYPTOSYSTEM  
[54] SYSTEME CRYPTOGRAPHIQUE  
[72] Takeda, Noriko, JP  
[72] Haseyama, Toshio, JP  
[72] Shinoda, Seiichi, JP  
[73] MITSUBISHI DENKI KABUSHIKI  
KAISHA, JP  
[22] 1997-01-06  
[30] JP (8-003997) 1996-01-12  
[30] JP (8-202491) 1996-07-31

[11] 2,195,194  
[13] C

[51] Int.Cl. 6G08G 1/0965  
[25] EN  
[54] ALERTING DEVICE AND SYSTEM  
FOR ABNORMAL SITUATIONS  
[54] DISPOSITIF ET SYSTEME  
D'ALARME EN CAS D'ANOMALIES  
[72] Williams, Jerry L., US  
[72] Graham, Paul D., US  
[72] Sink, Gregory A., US  
[73] Federal Signal Corporation, US  
[85] 1997-01-15  
[86] 1995-07-31 (PCT/US95/09706)  
[87] (WO96/04632)  
[30] US (08/286,624) 1994-08-05

[11] 2,195,675  
[13] C

[51] Int.Cl. 6A47C 7/50  
[25] EN  
[54] VEHICLE SEAT AND SYSTEM FOR  
CONTROLLING THE SAME  
[54] SIEGE DE VEHICULE ET  
SYSTEME DE COMMANDE DE CE  
SIEGE  
[72] Kodaverdian, Levik, US  
[73] P.L. Porter, Co., US  
[85] 1997-01-21  
[86] 1996-06-10 (PCT/US96/09844)  
[87] (WO96/41557)  
[30] US (488,907) 1995-06-09

[11] 2,196,231  
[13] C

[51] Int.Cl. 6D03D 15/00 6D21F 7/08  
6D21F 1/10  
[25] EN  
[54] PRESS FELT RESISTANT TO NIP  
REJECTION AND METHOD  
[54] FEUTRE POUR MACHINE A  
PAPIER A RESILIENCE AMELIOREE  
ET PROCEDE DE FABRICATION  
[72] Townley, Glenn C., US  
[72] Cunnane, Francis J., US  
[73] Asten, Inc., US  
[22] 1997-01-29  
[30] US (08/595,668) 1996-02-02

[11] 2,196,377  
[13] C

[51] Int.Cl. 6E05F 15/20  
[25] EN  
[54] OBJECT SENSOR SYSTEM FOR  
AUTOMATIC SWING DOOR  
[54] SYSTEME DE DETECTION  
D'OBJETS POUR PORTE VA-ET-VIENT  
AUTOMATIQUE  
[72] Tsutsumi, Koji, JP  
[72] YE, Zengguang, JP  
[73] Nabco Limited, JP  
[22] 1997-01-30  
[30] JP (HEI 8-38824) 1996-01-31

[11] 2,196,584  
[13] C

[51] Int.Cl. 6A01D 41/12 6A01D 43/10  
6A01D 57/20  
[25] EN  
[54] FORAGE HARVESTER  
INCLUDING SELECTIVELY  
OPERABLE CROP PROCESSING AND  
CONVEYOR ARRANGEMENTS  
[54] RECOLTEUSE-HACHEUSE DE  
FOURRAGE COMPRENANT UN  
SYSTEME DE TRAITEMENT DES  
RECOLTES ET UN SYSTEME  
TRANSPORTEUR A SELECTION DE  
POSITIONS  
[72] Bramstedt, Gerd, DE  
[72] Lipiceanu, Peter, DE  
[73] DEERE & COMPANY, US  
[22] 1997-01-31  
[30] DE (196 03 928.2) 1996-02-03

[11] 2,196,911  
[13] C

[51] Int.Cl. 6B01J 20/26 6A61L 15/60  
[25] FR  
[54] POLYMERES  
SUPERABSORBANTS A STRUCTURE  
COEUR-COUILLE ET LEUR  
PROCEDE D'OBTENTION  
[54] SUPERABSORBENT HEART-  
SHELL STRUCTURE POLYMERS AND  
THEIR METHOD OF PRODUCTION  
[72] Collette, Christian, FR  
[72] Hidalgo, Manuel, FR  
[72] Puchois, Emmanuel, FR  
[72] Kowalik, André, FR  
[73] ELF ATOCHEM S.A., FR  
[22] 1997-02-05  
[30] FR (96 01 502) 1996-02-07

**Brevets canadiens délivrés  
18 avril 2000**

[11] **2,196,941**  
[13] C

[51] **Int.Cl. 6B65D 90/50 6B65D 90/24 6B65D 88/76**  
[25] EN  
[54] **DUAL CONTAINMENT ASSEMBLY**  
[54] **CONTENANT DOUBLE**  
[72] SCHUETZ, Reinhard, CA  
[72] CHAREST, Roger, CA  
[72] JACOBSON, Ernest, CA  
[73] TankSafe Inc., CA  
[22] 1997-02-06

[11] **2,197,007**  
[13] C

[51] **Int.Cl. 6C09D 175/06 6C09D 5/03**  
[25] EN  
[54] **POLYURETHANE POWDER COATINGS**  
[54] **REVETEMENT EN POUDRE DE POLYURETHANE**  
[72] BARBEE, Robert Boyd, US  
[72] PHILLIPS, Brian Steven, US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 1997-02-06  
[86] 1995-07-27 (PCT/US95/09429)  
[87] (WO96/05239)  
[30] US (08/291,077) 1994-08-08

[11] **2,197,025**  
[13] C

[51] **Int.Cl. 6B60P 3/06 6B60P 1/43**  
[25] EN  
[54] **TRAILER**  
[54] **REMORQUE**  
[72] GRENIER, Ronald, CA  
[73] GRENIER, Ronald, CA  
[22] 1997-02-07

[11] **2,197,329**  
[13] C

[51] **Int.Cl. 6H04N 1/411 6H03M 7/30**  
[25] EN  
[54] **ENCODING METHOD AND SYSTEM, AND DECODING METHOD AND SYSTEM**  
[54] **METHODES ET SYSTEMES DE CODAGE ET DE DECODAGE**  
[72] RYU, Tadanori, JP  
[72] TOKUDA, Masashi, JP  
[73] RICOH COMPANY, LTD., JP  
[85] 1997-02-11  
[86] 1996-06-17 (PCT/JP96/01661)  
[87] (WO97/01237)  
[30] JP (7-152938) 1995-06-20  
[30] JP (7-227803) 1995-09-05

[11] **2,197,366**  
[13] C

[51] **Int.Cl. 6G06K 19/07 6G06F 17/60**  
[25] EN  
[54] **ELECTRONIC WALLET AND METHOD OF OPERATION OF THE SAME**  
[54] **PORTEFEUILLE ELECTRONIQUE ET METHODE POUR S'EN SERVIR**  
[72] SUSO, Koji, JP  
[72] TAKANO, Masaki, JP  
[72] KITAGAWA, Hiroki, JP  
[72] HOSHINO, Takeshi, JP  
[72] FURUYA, Jun, JP  
[73] HITACHI, LTD., JP  
[22] 1997-02-12  
[30] JP (8-042800) 1996-02-29

[11] **2,197,855**  
[13] C

[51] **Int.Cl. 6F16K 35/06**  
[25] EN  
[54] **SECURITY VALVE ASSEMBLY**  
[54] **ROBINET DE SURETE**  
[72] ECKEL, John, US  
[72] TILP, Joseph, US  
[73] A. Y. McDONALD MFG. CO., US  
[22] 1997-02-18  
[30] US (08/723,223) 1996-09-27

[11] **2,197,863**  
[13] C

[51] **Int.Cl. 6C01B 31/20 6H01M 8/22**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE OXIDATION OF CARBON MONOXIDE**  
[54] **METHODE ET APPAREIL POUR L'OXYDATION DU MONOXYDE DE CARBONE**  
[72] BUSWELL, Richard F., US  
[72] COHEN, Ronald, US  
[72] WATKINS, David S., CA  
[72] MCNEILLY, Leonard, CA  
[73] BALLARD POWER SYSTEMS INC., CA  
[73] DBB FUEL CELL ENGINES GMBH, DE  
[85] 1997-02-18  
[86] 1995-08-18 (PCT/US95/10504)  
[87] (WO96/06387)  
[30] US (08/293,653) 1994-08-22

[11] **2,198,315**  
[13] C

[51] **Int.Cl. 6H01R 13/46**  
[25] EN  
[54] **DEVICE FOR THE DETACHABLE FASTENING OF ONE OR MORE INSTRUMENTS AT ONE OR MORE LOCATIONS AND FOR THEIR ELECTRICAL CONNECTION**  
[54] **DISPOSITIF POUR FIXER DE FACON AMOVIBLE UN OU PLUSIEURS INSTRUMENTS A UN OU PLUSIEURS EMBLEMENTS ET POUR LES RACCORDER ELECTRIQUEMENT**  
[72] GRITTKKE, Udo, DE  
[72] HINTNER, Gottfried, DE  
[73] ENDRESS + HAUSER GMBH + CO., DE  
[22] 1997-02-24  
[30] DE (196 12 575.8) 1996-03-29

[11] **2,198,346**  
[13] C

[51] **Int.Cl. 6H01M 8/24**  
[25] EN  
[54] **ELECTROCHEMICAL FUEL CELL STACK WITH COMPRESSION MECHANISM EXTENDING THROUGH INTERIOR MANIFOLD HEADERS**  
[54] **BATTERIE DE CELLULES ELECTROCHIMIQUES A COMBUSTIBLE AVEC MECANISME DE COMPRESSION S'ETENDANT DANS DES COLLECTEURS INTERIEURS**  
[72] POW, Eric G., CA  
[72] LINES, Donald A., CA  
[72] SCHLOSSER, Wolfgang, CA  
[72] GIBB, Peter, CA  
[72] FLETCHER, Nicholas J., CA  
[72] VOSS, Henry H, CA  
[73] BALLARD POWER SYSTEMS INC., CA  
[85] 1997-02-24  
[86] 1995-09-20 (PCT/CA95/00529)  
[87] (WO96/09659)  
[30] US (08/309,124) 1994-09-20



Canadian Patents Issued  
April 18, 2000

[11] 2,198,557  
[13] C

[51] Int.Cl. 6C01B 21/26 6A61M 16/10  
6C01B 21/28  
[25] EN  
[54] METHOD AND APPARATUS FOR  
THE PRODUCTION OF NITRIC OXIDE  
GAS MIXTURE  
[54] METHODE ET APPAREILLAGE  
POUR LA PRODUCTION D'UN  
MELANGE GAZEUX CONTENANT DE  
L'OXYDE NITRIQUE  
[72] SHEU, Lien-Lung, US  
[73] AGA AKTIEBOLAG, SE  
[22] 1997-02-26  
[30] US (08/626,413) 1996-04-02

[11] 2,198,607  
[13] C

[51] Int.Cl. 6C12N 5/08 6C12M 1/00  
6C12M 3/00 6C12N 5/06 6C12Q 1/24  
6B01D 21/26  
[25] EN  
[54] CELL SEPARATION APPARATUS  
AND METHOD  
[54] DISPOSITIF ET PROCEDE DE  
SEPARATION DE CELLULES  
[72] VAN VLASSELAER, Peter, US  
[73] DENDREON CORPORATION, US  
[85] 1997-02-26  
[86] 1995-08-31 (PCT/US95/11169)  
[87] (WO96/07097)  
[30] US (08/299,465) 1994-08-31  
[30] US (08/299,468) 1994-08-31  
[30] US (08/299,469) 1994-08-31

[11] 2,198,614  
[13] C

[51] Int.Cl. 6H01P 7/04  
[25] EN  
[54] RF STRIP LINE RESONATOR  
[54] RESONATEUR A LIGNE  
TRIPLAQUE RF  
[72] GAPSKI, Dietmar, DE  
[72] DETERING, Volker, DE  
[72] LEPPING, Jürgen, DE  
[73] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[85] 1997-02-26  
[86] 1995-08-23 (PCT/DE95/01115)  
[87] (WO96/07214)  
[30] DE (P 44 30 988.0) 1994-08-31

[11] 2,198,974  
[13] C

[51] Int.Cl. 6H02G 3/10  
[25] EN  
[54] WALL PANEL ASSEMBLY WITH  
ELECTRICAL OUTLET  
[54] PANNEAU MURAL AVEC PRISE  
DE COURANT  
[72] SMEENGE, Paul Allen, US  
[73] American Seating Company, US  
[22] 1997-03-03  
[30] US (08/782,366) 1997-01-13

[11] 2,199,550  
[13] C

[51] Int.Cl. 6H04M 3/42 6H04L 12/56  
[25] EN  
[54] ON-DEMAND COMMUNICATIONS  
SERVICES  
[54] SERVICES DE COMMUNICATION  
SUR DEMANDE  
[72] MIRVILLE, Jean-Robert, US  
[72] SILVERMAN, David Phillip, US  
[73] AT&T CORP., US  
[22] 1997-03-10  
[30] US (632,864) 1996-04-16

[11] 2,199,872  
[13] C

[51] Int.Cl. 6B21B 15/00  
[25] EN  
[54] METHOD OF CONTINUOUSLY  
HOT ROLLING STEEL PIECES  
[54] PROCEDE DE LAMINAGE A  
CHAUD CONTINU DE LINGOTS  
[72] TAMAI, Yoshikiyo, JP  
[72] IMAE, Toshio, JP  
[72] ISOBE, Kunio, JP  
[72] TAKEBAYASHI, Katsuhiko, JP  
[72] UEMURA, Koichi, JP  
[72] NIKAIDO, Hideyuki, JP  
[73] KAWASAKI STEEL CORPORATION,  
JP  
[85] 1997-03-12  
[86] 1996-01-12 (PCT/JP96/00034)  
[87] (WO97/02907)  
[30] JP (7/177398) 1995-07-13

[11] 2,200,124  
[13] C

[51] Int.Cl. 6H01S 3/18  
[25] EN  
[54] METHOD OF MAKING AN INP-  
BASED DEVICE COMPRISING  
SEMICONDUCTOR GROWTH ON A  
NON-PLANAR SURFACE  
[54] METHODE POUR FABRIQUER UN  
DISPOSITIF A BASE D'INP  
COMPRENANT LA CROISSANCE  
D'UNE MATIERE  
SEMICONDUCTRICE SUR UNE  
SURFACE NON PLANAIRE  
[72] CHO, Alfred Yi, US  
[72] BAILLARGEON, James N., US  
[72] HWANG, Wen-Yen, US  
[72] CHU, Sung-Nee George, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-03-17  
[30] US (652,285) 1996-05-22

[11] 2,200,219  
[13] C

[51] Int.Cl. 6E05F 15/16 6E05D 13/00  
[25] EN  
[54] DRIVE SYSTEM FOR A SLIDING  
CHAMBER DOOR  
[54] SYSTEME D'ENTRAINEMENT DE  
LA PORTE COULISSANTE D'UNE  
CHAMBRE  
[72] HOUSTON, John C., US  
[73] AMERICAN STERILIZER  
COMPANY, US  
[85] 1997-03-17  
[86] 1995-09-12 (PCT/US95/11579)  
[87] (WO96/09455)  
[30] US (08/308,661) 1994-09-19

**Brevets canadiens délivrés  
18 avril 2000**

[11] **2,200,557**  
[13] C

[51] **Int.Cl. 6G06F 11/14**  
[25] EN  
[54] **METHOD AND SYSTEM FOR AUTOMATICALLY GENERATING EFFICIENT TEST CASES FOR SYSTEMS HAVING INTERACTING ELEMENTS**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE GENERER AUTOMATIQUEMENT DES CAS SERVANT DE TEST EFFICACE POUR DES SYSTEMES AYANT DES ELEMENTS INTERACTIFS**  
[72] DALAL, Siddhartha Ramanlal, US  
[72] COHEN, David Mordecai, US  
[72] PATTON, Gardner Conde, US  
[72] FREDMAN, Michael Lawrence, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 1997-03-20  
[86] 1995-10-10 (PCT/US95/14283)  
[87] (WO96/11438)  
[30] US (321,185) 1994-10-11

[11] **2,200,721**  
[13] C

[51] **Int.Cl. 6B23F 9/00 6B23F 19/00 6B23F 23/00**  
[25] EN  
[54] **METHOD OF PRODUCING TOOTH FLANK SURFACE MODIFICATIONS**  
[54] **PROCEDE DE RECTIFICATION DE LA SURFACE DU FLANC DE DENTS DE ROUES DENTEEES**  
[72] STADTFELD, Hermann J., US  
[73] THE GLEASON WORKS, US  
[85] 1997-03-21  
[86] 1995-09-15 (PCT/US95/12208)  
[87] (WO96/09910)  
[30] US (08/312,855) 1994-09-27

[11] **2,200,790**  
[13] C

[51] **Int.Cl. 6H04M 11/06 6H04M 3/42 6H04L 12/52**  
[25] EN  
[54] **COUPLING MULTIPLE LOW DATA RATE LINES TO EFFECT HIGH DATA RATE COMMUNICATION**  
[54] **COUPLAGE DE MULTIPLES LIGNES A FAIBLE DEBIT BIBINAIRE POUR EFFECTUER DES TRANSMISSIONS A DEBIT BINAIRE ELEVE**  
[72] FOLADARE, Mark Jeffrey, US  
[72] WEBER, Roy Philip, US  
[72] SILVERMAN, David Phillip, US  
[72] GOLDMAN, Shelley B., US  
[73] AT&T CORP., US  
[22] 1997-03-24  
[30] US (679,783) 1996-07-15

[11] **2,203,193**  
[13] C

[51] **Int.Cl. 6A47C 1/032 6A47C 3/026**  
[25] EN  
[54] **SEAT SUPPORT FOR OFFICE CHAIRS OR THE LIKE**  
[54] **SUPPORT DE SIEGE POUR CHAISES DE BUREAU OU ANALOGUE**  
[72] HIRSCHMANN, Manfred, DE  
[73] SIFA Sitzfabrik GmbH, DE  
[85] 1997-04-17  
[86] 1995-10-12 (PCT/DE95/01402)  
[87] (WO96/11611)  
[30] DE (G 94 16 595.5 U) 1994-10-17  
[30] DE (295 02 040.7) 1995-02-08

[11] **2,203,453**  
[13] C

[51] **Int.Cl. 6G06F 3/12**  
[25] EN  
[54] **BILLING SYSTEM FOR USE WITH DOCUMENT PROCESSING SYSTEM**  
[54] **DISPOSITIF DE FACTURATION POUR SYSTEME DE TRAITEMENT DE DOCUMENTS**  
[72] KRIST, Peter M., US  
[72] SONTY, Atashi C., US  
[73] XEROX CORPORATION, US  
[22] 1997-04-23  
[30] US (08/657,716) 1996-05-30

[11] **2,203,474**  
[13] C

[51] **Int.Cl. 6H04M 3/42 6H04J 3/00**  
[25] EN  
[54] **COUPLING MULTIPLE LOW DATA RATE LINES TO EFFECT HIGH DATA RATE COMMUNICATION**  
[54] **COUPLAGE DE MULTIPLES LIGNES A FAIBLE DEBIT BINAIRE POUR EFFECTUER DES TRANSMISSIONS A DEBIT BINAIRE ELEVE**  
[72] SILVERMAN, David Phillip, US  
[73] AT&T CORP., US  
[22] 1997-04-23  
[30] US (681,241) 1996-07-22

[11] **2,203,858**  
[13] C

[51] **Int.Cl. 6H05B 1/02 6C02F 1/04 6B01D 3/42**  
[25] EN  
[54] **IMPROVED METHOD AND CIRCUIT FOR CONTROLLING THE ELECTRICAL HEATER IN A WATER DISTILLER**  
[54] **METHODE ET CIRCUIT AMELIORES DE COMMANDE DU CHAUFFE-EAU D'UN DISTILLATEUR D'EAU**  
[72] MAHOOD, Michael A., CA  
[73] The West Bend Company, US  
[22] 1997-04-28  
[30] US (08/645,551) 1996-05-13

[11] **2,204,057**  
[13] C

[51] **Int.Cl. 6H04B 7/00**  
[25] EN  
[54] **VARIABLE RATE CODING FOR WIRELESS APPLICATIONS**  
[54] **CODAGE A DEBIT VARIABLE POUR APPLICATIONS SANS FIL**  
[72] O'BRIEN, Francis Edward, US  
[72] ALLPRESS, Stephen Alan, US  
[72] OZAROW, Lawrence Howard, US  
[72] MALVONE, Christopher Nicholas, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-04-30  
[30] US (656,119) 1996-05-30

Canadian Patents Issued  
April 18, 2000

[11] 2,204,301  
[13] C

[51] Int.Cl. 6A47B 47/00  
[25] EN  
[54] A CONNECTING ASSEMBLY FOR HORIZONTAL BOARDS AND WALL BOARDS OF A CABINET  
[54] SYSTEME DE RACCORDS POUR PLANCHES HORIZONTALES ET PLANCHES VERTICALES D'UN MEUBLE DE RANGEMENT  
[72] LEE, Shang-Ming, TW  
[73] M. F. INTERIOR DESIGN CO., LTD., TW  
[22] 1997-05-02

[11] 2,204,458  
[13] C

[51] Int.Cl. 6F25J 3/04  
[25] EN  
[54] CRYOGENIC RECTIFICATION SYSTEM FOR PRODUCING LOW PURITY OXYGEN AND HIGH PURITY OXYGEN  
[54] SYSTEME DE RECTIFICATION CRYOGENIQUE POUR PRODUIRE DE L'OXYGENE DE FAIBLE PURETE ET DE L'OXYGENE DE PURETE ELEVEE  
[72] BONAQUIST, Dante Patrick, US  
[72] LOCKETT, Michael James, US  
[72] BILLINGHAM, John Fredric, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1997-05-05  
[30] US (08/691,963) 1996-08-05

[11] 2,206,111  
[13] C

[51] Int.Cl. 6G05B 9/02 6B60T 17/22  
[25] EN  
[54] SAFE BRAKE CUTOUT DETECTION FOR TRAIN  
[54] DETECTION SECURITAIRE DE LA MISE HORS CIRCUIT DES FREINS D'UN TRAIN  
[72] JAMIESON, Paul E., US  
[72] CORVIN, John H., US  
[72] MAZUR, Richard J., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1997-05-26  
[30] US (803,415) 1997-02-20

[11] 2,206,368  
[13] C

[51] Int.Cl. 6H04M 1/57 6H04M 15/00 6H04M 3/42  
[25] EN  
[54] CALLING PARTY IDENTIFICATION ANNOUNCEMENT SERVICE  
[54] SERVICE D'ENONCIATION DE L'IDENTITE DES ABONNES DEMANDEURS  
[72] FRECH, Dewey Alcott, US  
[72] REID, John Brian, US  
[72] ROUG, Anton Johannes, US  
[72] SCALE, Timothy Jerome, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-05-28  
[30] US (686,001) 1996-07-25

[11] 2,206,981  
[13] C

[51] Int.Cl. 6B07B 1/28  
[25] EN  
[54] VIBRATORY FINGER SCREEN WITH LATERAL WEDGE MEMBERS  
[54] TAMIS VIBRATOIRE AVEC PANNEAUX LATERAUX  
[72] HUMISTON, Stanley L., US  
[72] LAVEINE, Andrew T., US  
[73] ACTION EQUIPMENT COMPANY, INC., US  
[22] 1997-06-04  
[30] US (08/674,398) 1996-07-02

[11] 2,207,273  
[13] C

[51] Int.Cl. 6C21D 1/38 6C04B 35/64  
[25] EN  
[54] METHOD AND APPARATUS FOR PLASMA PROCESSING  
[54] PROCEDE ET DISPOSITIF DE TRAITEMENT AU PLASMA  
[72] MIKULA, Peter, US  
[72] CLARK, Deborah, US  
[72] MATOSSIAN, Jesse N., US  
[72] WEI, Ronghua R., US  
[73] GENERAL MOTORS CORPORATION, US  
[73] HUGHES ELECTRONICS CORPORATION, US  
[85] 1997-06-06  
[86] 1996-10-10 (PCT/US96/16210)  
[87] (WO97/14172)  
[30] US (08/543,860) 1995-10-12

[11] 2,209,369  
[13] C

[51] Int.Cl. 6H05B 3/78 6F24H 9/18 6H05B 3/40  
[25] EN  
[54] HEATING ELEMENT FOR WATER HEATERS WITH SCALE CONTROL  
[54] ELEMENT DE CHAUFFAGE POUR CHAUFFE-EAU AVEC CONTROLE DE L'ENTARTRAGE  
[72] JACKSON, Barry N., US  
[73] WATER HEATER INNOVATIONS, INC., US  
[22] 1997-07-03  
[30] US (08/766,426) 1996-12-12

[11] 2,210,170  
[13] C

[51] Int.Cl. 6H04Q 7/22 6H04M 11/06  
[25] EN  
[54] INTEGRATED CELLULAR VOICE AND DIGITAL PACKET DATA TELECOMMUNICATIONS SYSTEMS AND METHODS FOR THEIR OPERATION  
[54] SYSTEMES DE TELECOMMUNICATION INTEGRES PERMETTANT LES COMMUNICATIONS VOCALES CELLULAIRES ET LE TRANSPORT DE PAQUETS DE DONNEES NUMERIQUES ET PROCEDES D'EXPLOITATION  
[72] LANDGREN, Patricia Ann, US  
[72] PECOT, Kenneth W., US  
[72] THADASINA, Nivedan, US  
[72] JAIN, Nikhil, US  
[72] DERRICK, Charles James, US  
[72] MORROW, Glenn Charles, US  
[72] FINK, Bradley A., US  
[72] QADDOURA, Emad Abdel-Lateef, US  
[73] NORTEL NETWORKS CORPORATION, CA  
[85] 1997-07-09  
[86] 1996-07-17 (PCT/CA96/00479)  
[87] (WO97/22216)  
[30] US (60/008,567) 1995-12-13  
[30] US (08/655,387) 1996-05-30

[11] 2,210,834  
[13] C

[51] Int.Cl. 6H04M 3/42  
[25] EN  
[54] VOICE MENU OPTIMIZATION METHOD AND SYSTEM  
[54] METHODE ET SYSTEME D'OPTIMISATION D'UN MENU VOCAL  
[72] KESHAV, Srinivasan, US  
[73] AT&T CORP., US  
[22] 1997-07-17  
[30] US (701,601) 1996-08-22

**Brevets canadiens délivrés  
18 avril 2000**

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[11] **2,211,860**  
[13] C

[51] **Int.Cl. 6E04C 3/00 6E04B 2/00**  
[25] EN  
[54] **STRUCTURAL FRAMING SYSTEM**  
[54] **SYSTEME DE STRUCTURE**  
**PORTANTE**  
[72] DAUDET, Larry Randall, US  
[73] Dietrich Industries, Inc., US  
[85] 1997-07-30  
[86] 1996-01-31 (PCT/US96/01381)  
[87] (WO96/23588)  
[30] US (08/381,078) 1995-01-31

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[11] **2,213,430**  
[13] C

[51] **Int.Cl. 6E06B 3/12 6E06B 3/54 6E06B 3/72**  
[25] EN  
[54] **GASKETLESS ALUMINUM**  
**FRAME FOR WARDROBE DOORS**  
[54] **CADRE EN ALUMINIUM SANS**  
**JOINT DE PORTES DE PENDERIE**  
[72] CUSSON, PAUL R., US  
[72] GEPHART, John D., US  
[73] The Stanley Works, US  
[22] 1997-08-18  
[30] US (08/709,267) 1996-09-06

---

[11] **2,214,600**  
[13] C

[51] **Int.Cl. 6B05B 11/02 6B05B 9/03**  
[25] EN  
[54] **PUMP TRIGGER ASSEMBLY FOR**  
**A TRIGGER SPRAYER**  
[54] **ASSEMBLAGE DE GACHETTE A**  
**POMPE POUR PULVERISATEUR A**  
**GACHETTE**  
[72] FOSTER, Donald D., US  
[72] NELSON, Philip L., US  
[72] LAFFEY, Martin S., US  
[73] CONTINENTAL SPRAYERS  
INTERNATIONAL, INC., US  
[22] 1992-12-30  
[62] 2,129,677  
[30] US (07/848,706) 1992-03-09

---

---

[11] **2,218,657**  
[13] C

[51] **Int.Cl. 6G11B 20/10**  
[25] EN  
[54] **METHOD FOR INTERLEAVING**  
**DATA FOR SEAMLESS PLAYBACK OF**  
**MULTIPLE PROGRAM VERSIONS**  
**HAVING COMMON MATERIAL**  
[54] **PROCEDE D'IMBRICATION DE**  
**DONNEES PERMETTANT LA**  
**LECTURE CONTINUE DE**  
**DIFFERENTES VERSIONS D'UN MEME**  
**PROGRAMME AVEC UN MATERIEL**  
**COMMUN**  
[72] COOKSON, Christopher J., US  
[72] THAGARD, Gregory B., US  
[72] WALL, Joseph E., III, US  
[72] OSTROVER, Lewis S., US  
[73] TIME WARNER ENTERTAINMENT  
CO., L.P., US  
[85] 1997-10-20  
[86] 1997-02-06 (PCT/US97/01934)  
[87] (WO97/31374)  
[30] US (08/604,303) 1996-02-21  
[30] US (08/730,328) 1996-10-15

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[11] **2,221,038**  
[13] C

[51] **Int.Cl. 6C01C 1/28 6B01J 10/00**  
[25] FR  
[54] **REACTEUR, PROCEDE ET**  
**INSTALLATION POUR LA**  
**FABRICATION DE SELS**  
**D'AMMONIAQUE**  
[54] **REACTOR, PROCESS AND**  
**INSTALLATION FOR THE**  
**PRODUCTION OF AMMONIUM**  
**CHLORIDES**  
[72] VOGEL, Edmond, FR  
[72] MONSTERLEET, Jacques, FR  
[73] KALTENBACH-THURING S.A., FR  
[22] 1997-11-10  
[30] FR (96 14028) 1996-11-18

---

[11] **2,221,273**  
[13] C

[51] **Int.Cl. 6D21D 5/16**  
[25] EN  
[54] **SCREEN AND METHOD OF**  
**MANUFACTURE**  
[54] **TAMIS ET PROCEDE DE**  
**FABRICATION**  
[72] FREJBORG, Frey, US  
[73] CAE SCREENPLATES OY, FI  
[85] 1997-11-14  
[86] 1996-05-24 (PCT/FI96/00296)  
[87] (WO96/37655)  
[30] US (08/451,349) 1995-05-26

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[11] **2,221,902**  
[13] C

[51] **Int.Cl. 6H02K 7/106 6G05D 7/06**  
[25] EN  
[54] **BRAKE MECHANISM AND**  
**POWERED ACTUATOR**  
[54] **MECANISME DE FREINAGE ET**  
**ACTIONNEUR MOTORISE**  
[72] MIYAZAKI, Takumi, JP  
[72] TAKANO, Tomohiro, JP  
[73] YAMATAKE CORPORATION, JP  
[22] 1997-11-21  
[30] JP (321582/1996) 1996-12-02

---

[11] **2,222,927**  
[13] C

[51] **Int.Cl. 6B05B 12/00 6B05B 7/12**  
[25] EN  
[54] **APPARATUS AND METHOD FOR**  
**DISPENSING FLUID MATERIAL**  
[54] **METHODE ET APPAREIL DE**  
**DISTRIBUTION DE MATIERE FLUIDE**  
[72] GUZOWSKI, Raymond J., US  
[73] FANUC Robotics North America, Inc.,  
US  
[22] 1997-11-28  
[30] US (08/773,141) 1996-12-26

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[11] **2,224,193**  
[13] C

[51] **Int.Cl. 6H02K 5/14**  
[25] EN  
[54] **BRUSH HOLDER ASSEMBLIES**  
**HAVING NOVEL BRUSH HOLDERS**  
[54] **ENSEMBLE PORTE-BALAI**  
**COMPORTANT DE NOUVEAUX**  
**PORTE-BALAI**  
[72] RUBINCHIK, Ilya, CA  
[73] SIEMENS CANADA LIMITED, CA  
[85] 1997-12-09  
[86] 1996-06-28 (PCT/CA96/00438)  
[87] (WO97/01878)  
[30] US (08/495135) 1995-06-28  
[30] US (08/608457) 1996-02-28

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Canadian Patents Issued  
April 18, 2000

[11] 2,227,734  
[13] C

[51] Int.Cl. 6H04Q 3/66  
[25] EN  
[54] WAITING-CALL SELECTION  
BASED ON ANTICIPATED WAIT  
TIMES  
[54] SELECTION DES APPELS EN  
ATTENTE BASEE SUR LES TEMPS  
D'ATTENTE PREVUS  
[72] KOHLER, Joylee E., US  
[72] MATHEWS, Eugene P., US  
[72] FOSTER, Robin H., US  
[72] FLOCKHART, Andrew D., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1998-01-22  
[30] US (08/813,513) 1997-03-07

[11] \* 2,228,042  
[13] C

[51] Int.Cl. 6A63F 3/06  
[25] EN  
[54] LOTTERY TICKET SCRAPER AND  
BRUSH DEVICE  
[54] DISPOSITIF SERVANT A  
GRATTER ET A BROSSER UN BILLET  
DE LOTERIE  
[72] SAVINI, Daniel J., US  
[73] SAVINI, Daniel J., US  
[85] 1998-01-27  
[86] 1997-02-06 (PCT/US97/01882)  
[87] (WO97/46153)  
[30] US (08/655,211) 1996-06-05

[11] 2,233,646  
[13] C

[51] Int.Cl. 6G07D 7/00  
[25] EN  
[54] BILL VALIDATOR OF MASTER-  
SLAVE TYPE AND METHOD FOR  
DOWNLOAD OF VALIDATOR  
[54] PROGRAMME DE VERIFICATION  
DE BILLETS DE BANQUE DU TYPE  
MAITRE-ESCLAVE ET METHODE DE  
TELECHARGEMENT DE CE  
PROGRAMME  
[72] OHYA, Toitsu, JP  
[72] KUROIWA, Koji, JP  
[73] Japan Cash Machine Co., Ltd., JP  
[85] 1998-04-01  
[86] 1997-10-31 (PCT/JP97/03980)  
[87] ()  
[30] JP (8-290779) 1996-10-31

[11] 2,237,139  
[13] C

[51] Int.Cl. 6G05D 11/02 6G05D 16/00  
[25] EN  
[54] PROCESS AND APPARATUS FOR  
BACKING-UP OR SUPPLEMENTING A  
GAS SUPPLY  
[54] PROCEDE ET DISPOSITIF  
PERMETTANT DE SUPPLEER A UNE  
ALIMENTATION EN GAZ DEFICIENTE  
[72] COUWELS, Ludo Corneel, BE  
[72] STEIGMAN, Frederic Neal, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-05-07  
[30] US (08/853,848) 1997-05-09

[11] \* 2,246,949  
[13] C

[51] Int.Cl. 6G06F 17/30 6G06F 9/44  
[25] EN  
[54] METHOD AND MEANS FOR  
ENCODING STORING AND  
RETRIEVING HIERARCHICAL DATA  
PROCESSING INFORMATION FOR A  
COMPUTER SYSTEM  
[54] METHODE ET MOYEN POUR  
ENCODER, ENTREPOSER ET  
EXTRAIRE DES DONNEES DE  
TRAITEMENT HIERARCHIQUES  
POUR UN SYSTEME INFORMATIQUE  
[72] SHUM, Peter K., CA  
[72] VELL, Dora, CA  
[73] IBM CANADA LTD. - IBM CANADA  
LIMITÉE, CA  
[22] 1991-03-28  
[62] 2,039,365

[11] 2,274,272  
[13] C

[51] Int.Cl. 6B65H 45/101 6B65H 21/00  
6B65D 83/08  
[25] EN  
[54] PACKAGING A STRIP OF  
MATERIAL  
[54] EMBALLAGE D'UNE BANDE  
D'ETOFFE  
[72] DAVIDSON, Mark B., CA  
[72] O'CONNOR, Lawrence, CA  
[72] VAN MOL, Darrell, CA  
[73] STAC-PAC CANADA INC., CA  
[85] 1999-06-10  
[86] 1998-06-17 (PCT/CA98/00592)  
[87] (WO98/58864)  
[30] US (08/878,826) 1997-06-19  
[30] US (08/889,737) 1997-07-08  
[30] US (08/939,444) 1997-09-29  
[30] US (08/948,256) 1997-10-09  
[30] US (08/948,258) 1997-10-09  
[30] US (08/975,037) 1997-11-18  
[30] US (09/024,890) 1998-02-17  
[30] US (09/064,744) 1998-04-23  
[30] US (09/081,826) 1998-05-20

# Canadian Laid-Open Applications

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[21] **2,245,903**  
[13] A1  
[51] Int.Cl. 6C12Q 1/37 6C12Q 1/00  
6A01K 67/027 6A61K 38/29 6A61K 38/55  
6G01N 33/74  
[25] EN  
[54] USE OF PEX IN THE TREATMENT  
OF METABOLIC BONE DISEASES  
[54] UTILISATION DE PEX DANS LE  
TRAITEMENT DES MALADIES  
OSSEUSES METABOLIQUES  
[72] KARAPLIS, Andrew C., CA  
[72] LIPMAN, Mark L., CA  
[72] GOLTZMAN, David, CA  
[72] HENDERSON, Janet E., CA  
[71] MCGILL UNIVERSITY, CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,246,046**  
[13] A1  
[51] Int.Cl. 6F16L 21/00  
[25] FR  
[54] ADAPTATEUR POUR LE  
RACCORDEMENT ETANCHE ET  
AUTOBLOQUANT DE TUYAUX  
[54] LEAKPROOF CONNECTION  
ADAPTOR AND AUTOLOCKING  
DEVICE FOR PIPES  
[72] VÉRONNEAU, Germain, CA  
[72] CHARRETTE, Joseph-Paul, CA  
[71] PLASTIQUES GYF LTÉE, CA  
[71] SOLENO INC., CA  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,246,710**  
[13] A1  
[51] Int.Cl. 6G07D 7/00  
[25] EN  
[54] DETECTION AND RECOGNITION  
OF COUNTERFEIT CURRENCY  
[54] DETECTION ET  
RECONNAISSANCE DES BILLETS DE  
BANQUE CONTREFAITS  
[72] LEPINE, Gordon D., CA  
[72] YOUNG, Wayne K., CA  
[72] VISSER, Steven H., CA  
[71] LEPINE, Gordon D., CA  
[71] YOUNG, Wayne K., CA  
[71] VISSER, Steven H., CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,246,005**  
[13] A1  
[51] Int.Cl. 6C12N 15/85 6A61K 48/00  
6C12N 15/12 6A61K 31/70  
[25] EN  
[54] HYBRID GENES FOR GENE  
THERAPY IN ERYTHROID CELLS  
[54] GENES HYBRIDES POUR LA  
THERAPIE GENIQUE DANS LES  
CELLULES DE LA SERIE  
ERYTHROCYTAIRE  
[72] ELLIS, James, CA  
[71] HSC RESEARCH AND  
DEVELOPMENT LIMITED  
PARTNERSHIP, CA  
[22] 1998-10-01  
[43] 2000-04-01

---

[21] **2,246,123**  
[13] A1  
[51] Int.Cl. 6B05B 7/02 6B05B 15/00  
6B05B 9/01  
[25] EN  
[54] PAINT GUN INCORPORATING A  
LASER DEVICE  
[54] PISTOLET A PEINTURE  
INCORPORANT UN DISPOSITIF A  
LASER  
[72] KLEIN, Richard J., II, US  
[72] BAUER, Ricky Jay, US  
[72] BADAKHSHAN, Alireza, US  
[72] SEVEY, Douglas L., US  
[71] UNIVERSITY OF NORTHERN IOWA  
FOUNDATION, US  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,246,717**  
[13] A1  
[51] Int.Cl. 6B60D 1/58 6B60D 7/00  
[25] EN  
[54] HITCH WITCH  
[54] DISPOSITIF SUR ATTELAGE  
[72] PENGELLY, Robert John, CA  
[71] PENGELLY, Robert John, CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,246,735**  
[13] A1  
[51] Int.Cl. 6C09D 5/00 6B05D 5/00 6C09J  
11/00 6C09J 175/04 6B05D 7/24 6C04B 24/  
28  
[25] EN  
[54] ANTI-GRAFFITI CONSTRUCTION  
ADHESIVE COMPOSITION  
[54] COMPOSITION D'UN ADHESIF DE  
CONSTRUCTION ANTI-GRAFFITI  
[72] MARTIN, Louis, CA  
[71] MARTIN, Louis, CA  
[22] 1998-09-28  
[43] 2000-03-28

Canadian Laid-Open Applications  
March 26, 2000 - April 1, 2000

---

[21] **2,247,547**  
[13] A1  
[51] **Int.Cl. 6A63B 5/00**  
[25] EN  
[54] **BEACH SLING-JUMP  
AMUSEMENT DEVICE**  
[54] **DISPOSITIF DE JEU A ELINGUES  
POUR LA PLAGES**  
[72] SUSKO, Rudolf, CA  
[71] SUSKO, Rudolf, CA  
[22] 1998-10-01  
[43] 2000-04-01

---

[21] **2,247,566**  
[13] A1  
[51] **Int.Cl. 6G09B 5/04**  
[25] EN  
[54] **AUDIO DICTIONARY**  
[54] **DICTIONNAIRE AUDIO**  
[72] CHABAN, Karen L., CA  
[72] CHABAN, Quinten G., CA  
[71] CHABAN, Karen L., CA  
[71] CHABAN, Quinten G., CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,247,583**  
[13] A1  
[51] **Int.Cl. 6E05B 65/08**  
[25] EN  
[54] **SLIDING DOORS AND WINDOWS  
SECURITY LOCKING DEVICE**  
[54] **VERROU DE SURETE POUR  
PORTES ET FENETRES  
COULISSANTES**  
[72] MOOIJEKIND, Jerry G., CA  
[71] MOOIJEKIND, Jerry G., CA  
[22] 1998-09-29  
[43] 2000-03-29

---

[21] **2,247,624**  
[13] A1  
[51] **Int.Cl. 6F03G 7/10**  
[25] EN  
[54] **CLOSED SYSTEM MOMENTUM  
TRANSFER PROPULSER**  
[54] **PROPULSEUR A TRANSFERT DE  
QUANTITE DE MOUVEMENT EN  
CIRCUIT FERME**  
[72] ARNTZ, Friedrich Ottokar Wilhelm, US  
[71] ARNTZ, Friedrich Ottokar Wilhelm, US  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,247,651**  
[13] A1  
[51] **Int.Cl. 6G09F 3/00**  
[25] EN  
[54] **TAG PROTECTOR**  
[54] **PROTECTEUR D'ETIQUETTE**  
[72] unknown, ZZ  
[71] GROSNOB SPORTSCARDS INC., CA  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,248,392**  
[13] A1  
[51] **Int.Cl. 6B66C 23/30**  
[25] EN  
[54] **APPARATUS FOR RETRACTING  
AND EXTENDING A BOOM**  
[54] **APPAREIL POUR RENTRER ET  
SORTIR UNE PERCHE**  
[72] ISLEY, Reggald Emory, CA  
[71] RISLEY ENTERPRISES LTD., CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,248,463**  
[13] A1  
[51] **Int.Cl. 6C08F 4/62 6C08F 10/00  
6C08F 4/64**  
[25] EN  
[54] **IMINOPHOSPHONAMIDE  
COMPLEXES FOR OLEFIN  
POLYMERIZATION**  
[54] **COMPLEXES  
IMINOPHOSPHONAMIDES POUR LA  
POLYMERISATION D'OLEFINES**  
[72] VOLLMERHAUS, Rainer, CA  
[72] WANG, Qinyan, CA  
[72] COLLINS, Scott, CA  
[71] UNIVERSITY OF WATERLOO, CA  
[71] NOVA CHEMICALS LTD., CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,248,471**  
[13] A1  
[51] **Int.Cl. 6A63B 59/14**  
[25] EN  
[54] **HOCKEY STICK HANDLE**  
[54] **POIGNEE DE BATON DE HOCKEY**  
[72] MICHAUD, Luc, CA  
[71] PAGATECH INC., CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,248,474**  
[13] A1  
[51] **Int.Cl. 6C22B 3/06 6C22B 26/22**  
[25] EN  
[54] **MAGNESIUM COMPOUNDS  
FROM MAGNESIUM SILICATES**  
[54] **COMPOSES DE MAGNESIUM  
OBTENUS A PARTIR DE SILICATES DE  
MAGNESIUM**  
[72] LALANCETTE, Jean-Marc, CA  
[71] INOTEL INC., CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,248,488**  
[13] A1  
[51] **Int.Cl. 6H02H 7/20 6H04B 3/00  
6H04M 7/00 6H02H 7/22**  
[25] EN  
[54] **INTEGRATED WALLBOX**  
[54] **BOITE DE JONCTION INTEGREE**  
[72] HICKEY, Wayne, CA  
[72] BURNHAM, John, CA  
[71] HICKEY, Wayne, CA  
[71] BURNHAM, John, CA  
[22] 1998-09-28  
[43] 2000-03-28

---

[21] **2,248,510**  
[13] A1  
[51] **Int.Cl. 6E03C 1/044**  
[25] FR  
[54] **APPAREIL DE PRODUCTION  
SEMI-AUTOMATIQUE OU  
AUTOMATIQUE ET CONTINUE D'EAU  
BOUILLIE POTABLE**  
[54] **SEMI-AUTOMATIC OR  
AUTOMATIC CONTINUOUS BOILED  
DRINKING WATER PRODUCTION  
SYSTEM**  
[72] BEAUPLAN, Bernard, CA  
[71] BEAUPLAN, Bernard, CA  
[22] 1998-09-29  
[43] 2000-03-29

---

[21] **2,248,512**  
[13] A1  
[51] **Int.Cl. 6B67D 3/00**  
[25] FR  
[54] **DISTRIBUTEUR D'EAU ET DE  
SODA POUR REFRIGERATEUR**  
[54] **REFRIGERATOR WATER AND  
SODA DISTRIBUTOR**  
[72] BERTRAND, Réhel, CA  
[71] BERTRAND, Réhel, CA  
[22] 1998-09-30  
[43] 2000-03-30

**Demandes canadiennes mises à la disponibilité du public**  
**26 mars 2000 - 1 avril 2000**

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[21] **2,248,520**  
[13] A1

[51] **Int.Cl. 6A47G 1/16**  
[25] EN  
[54] **WALL BRACKET UNIT**  
[54] **SUPPORT MURAL**  
[72] TOPITSCH, Frank Branko, CA  
[71] NORTH SCREEN STUDIO LTD., CA  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,248,525**  
[13] A1

[51] **Int.Cl. 6B32B 3/12**  
[25] EN  
[54] **METHOD FOR MAKING PADS**  
**HAVING HONEYCOMB STRUCTURE**  
[54] **METHODE DE FABRICATION DE**  
**PLAQUES COMPORTANT UNE**  
**STRUCTURE EN NID D'ABEILLES**  
[72] HUNG, Chih-Shiu, TW  
[71] HUNG, Chih-Shiu, TW  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,248,553**  
[13] A1

[51] **Int.Cl. 6B29C 45/22 6B29C 45/03**  
**6B29C 45/74**  
[25] EN  
[54] **INJECTION MOLDING NOZZLE**  
**SCREWED INTO MOUNTING BASE**  
[54] **BUSE DE MOULAGE PAR**  
**INJECTION VISSEE DANS UNE BASE**  
**DE MONTAGE**  
[72] GELLERT, JOBST ULRICH, CA  
[71] GELLERT, JOBST ULRICH, CA  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,248,565**  
[13] A1

[51] **Int.Cl. 6B65G 17/32 6B65G 47/14**  
**6B65G 47/244 6B65B 43/54 6B65B 35/58**  
[25] EN  
[54] **STEERABLE CARRIER PUCK**  
[54] **GALET-PRESSEUR ORIENTABLE**  
[72] PETROVIC, Zmaj, CA  
[71] GEBO CONVEYORS,  
CONSULTANTS & SYSTEMS INC., CA  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,248,829**  
[13] A1

[51] **Int.Cl. 6B63B 45/04**  
[25] EN  
[54] **MARINE SAFETY LIGHT**  
[54] **ECLAIRAGE DE SECURITE**  
**MARITIME**  
[72] STEVENS, Peter D., CA  
[72] LASH, Anthony B., CA  
[71] LASH INTERNATIONAL INC., CA  
[22] 1998-09-29  
[43] 2000-03-29

---

[21] **2,248,840**  
[13] A1

[51] **Int.Cl. 6B31B 1/14**  
[25] EN  
[54] **CUTTING, SCORING AND**  
**PERFORATING DIE SET AND**  
**METHOD**  
[54] **JEU DE COINS DE DECOUPE, DE**  
**REFOULAGE ET DE PERFORATION,**  
**ET METHODE**  
[72] SANDFORD, Peter, CA  
[71] SANDFORD, Peter, CA  
[22] 1998-09-29  
[43] 2000-03-29

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[21] **2,249,051**  
[13] A1

[51] **Int.Cl. 6C10G 47/00**  
[25] EN  
[54] **PROCESS FOR UPGRADING**  
**CRUDE OIL USING LOW PRESSURE**  
**HYDROGEN**  
[54] **PROCEDE POUR AMELIORER LE**  
**PETROLE BRUT EN UTILISANT DE**  
**L'HYDROGENE A FAIBLE PRESSION**  
[72] LOURENCO, Jose, CA  
[72] SATCHWELL, Robert, CA  
[71] CANADIAN ENVIRONMENTAL  
EQUIPMENT & ENGINEERING  
TECHNOLOGIES INC., CA  
[22] 1998-09-29  
[43] 2000-03-29

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[21] **2,249,059**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **CACHING OF DISTRIBUTED**  
**DYNAMIC SQL STATEMENTS IN A**  
**MULTIPLE NODE RDBMS**  
[54] **MISE EN ANTEMEMOIRE**  
**D'ENONCES SQL DYNAMIQUES**  
**REPARTIS DANS UN SGBDR A**  
**NOEUDS MULTIPLES**  
[72] SNOWBELL, Michael J., CA  
[72] BIRD, Paul M., CA  
[71] IBM CANADA LTD. - IBM CANADA  
LIMITÉE, CA  
[22] 1998-09-29  
[43] 2000-03-29

---

[21] **2,249,065**  
[13] A1

[51] **Int.Cl. 6A47C 7/72 6H04R 1/02**  
[25] EN  
[54] **SOUND ISOLATING**  
**ENTERTAINMENT CHAIR**  
[54] **CHAISE D'AMUSEMENT**  
**INSONORISEE**  
[72] MALLETTE, Felix D., Sr., CA  
[71] MALLETTE, Felix D., Sr., CA  
[22] 1998-09-29  
[43] 2000-03-29

---

[21] **2,249,066**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **SHARING OF DYNAMIC SQL**  
**STATEMENTS IN A HETEROGENEOUS**  
**APPLICATION ENVIRONMENT**  
[54] **PARTAGE D'ENONCES SQL**  
**DYNAMIQUES DANS UN**  
**ENVIRONNEMENT D'APPLICATION**  
**HETEROGENE**  
[72] BIRD, Paul M., CA  
[71] IBM CANADA LTD. - IBM CANADA  
LIMITÉE, CA  
[22] 1998-09-29  
[43] 2000-03-29



Canadian Laid-Open Applications  
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---

[21] **2,249,081**  
[13] A1

[51] **Int.Cl. 6F04B 53/00 6F04B 17/03 6F04B 19/04**  
[25] EN  
[54] **LIQUID PETROLEUM GAS SUBMERSIBLE ELECTRIC MOTOR DRIVEN PUMP AND DRIVE COUPLING THEREFOR**  
[54] **POMPE SUBMERSIBLE A MOTEUR ELECTRIQUE POUR GAZ DE PETROLE LIQUEFIE ET ACCOUPLEMENT DE TRANSMISSION CONNEXE**  
[72] EWING, Dale, US  
[72] YOUNG, David Sterling, US  
[71] EWING, Dale, US  
[71] YOUNG, David Sterling, US  
[22] 1998-09-29  
[43] 2000-03-29

---

[21] **2,249,084**  
[13] A1

[51] **Int.Cl. 6H01R 4/24**  
[25] EN  
[54] **INSULATION-PIERCING CONNECTOR FOR CONNECTING INSULATED CABLES TO A LED LIGHT STRIP**  
[54] **CONNECTEUR PERCE-ISOLANT PERMETTANT DE RACCORDER DES CABLES ISOLEES A UNE REGLETTE D'ECLAIRAGE A DEL**  
[72] BROMBERG, Eddy, CA  
[72] GREEN, Richard, CA  
[71] FRAMATOME CONNECTORS CANADA INC., CA  
[22] 1998-09-29  
[43] 2000-03-29

---

[21] **2,249,090**  
[13] A1

[51] **Int.Cl. 6G01F 23/22**  
[25] EN  
[54] **LOW WATER LEVEL INDICATOR**  
[54] **JAUGE DE BAS NIVEAU D'EAU**  
[72] KURSEL, Thomas C., US  
[72] RADKE, Robert E., US  
[71] KURSEL, Thomas C., US  
[22] 1998-09-29  
[43] 2000-03-29

---

[21] **2,249,092**  
[13] A1

[51] **Int.Cl. 6G01N 27/82**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETERMINING PIPELINE DEFECTS**  
[54] **METHODE ET SYSTEME POUR DETERMINER LES DEFAUTS DES PIPELINES**  
[72] YU, Yuwu, CA  
[72] RIDLEY, Rodney K., CA  
[72] STAPLES, Lawrence B., CA  
[72] WINSLOW, Jens C.B., CA  
[72] RAJAN, Varagur S.V., CA  
[71] HYDROSCOPE CANADA INC., CA  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,249,096**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **METHOD FOR DETERMINING OPTIMAL DATABASE MATERIALIZATIONS USING A QUERY OPTIMIZER**  
[54] **METHODE DE DETERMINATION DES MATERIALIZATIONS OPTIMALES DE BASES DE DONNEES A L'AIDE D'UN OPTIMISEUR D'INTERROGATIONS**  
[72] VALENTIN, Gary, CA  
[72] LOHMAN, Guy M., US  
[71] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,249,100**  
[13] A1

[51] **Int.Cl. 6E06B 11/04 6E05D 15/50**  
[25] EN  
[54] **TWO-WAY GATE**  
[54] **PORTAIL A DEUX SENS**  
[72] KUFFNER, Joe, CA  
[72] PETERS, Len, CA  
[72] AKINS, Allan, CA  
[71] AKINS, Allan, CA  
[22] 1998-09-30  
[43] 2000-03-30

---

[21] **2,249,102**  
[13] A1

[51] **Int.Cl. 6A01K 5/01**  
[25] EN  
[54] **LIVESTOCK FEEDING METHOD AND FEEDER**  
[54] **METHODE D'ALIMENTATION DU BETAIL ET MANGEOIRE CONNEXE**  
[72] KUFFNER, Joe, CA  
[72] AKINS, Allan, CA  
[72] PETERS, Len, CA  
[71] AKINS, Allan, CA  
[22] 1998-09-30  
[43] 2000-03-30

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[21] **2,249,125**  
[13] A1

[51] **Int.Cl. 6G01N 21/89 6D21G 9/00 6G07C 3/14 6G01N 33/34**  
[25] EN  
[54] **PAPER QUALITY DETERMINATION AND CONTROL USING SCALE OF FORMATION DATA**  
[54] **DETERMINATION ET CONTROLE DE LA QUALITE DU PAPIER AU MOYEN DE DONNEES D'ECHELLE D'EPAIR**  
[72] DOUGLAS, W. J. Murray, CA  
[72] BERNIÉ, Jean-Philippe, CA  
[71] MCGILL UNIVERSITY, CA  
[22] 1998-10-01  
[43] 2000-04-01

---

[21] **2,249,128**  
[13] A1

[51] **Int.Cl. 6E21B 43/24**  
[25] EN  
[54] **FLUID INJECTION TUBING ASSEMBLY AND METHOD**  
[54] **TUYAUTERIE D'INJECTION DE FLUIDE ET METHODE**  
[72] GEORGE, Grant E.E., CA  
[71] STELLARTON ENERGY CORPORATION, CA  
[22] 1998-10-01  
[43] 2000-04-01

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,249,142**  
[13] A1

[51] **Int.Cl. 6H04L 29/12 6H04M 11/06 6H04N 1/21**  
[25] EN  
[54] **NON-COMPUTER PROCESSING SYSTEM USING INTERNET TO TRANSCIVE VOICE, GRAPH AND WORD FOR INSTANT VOICE COMMUNICATION AND FAX TRANSMISSION**  
[54] **SYSTEME DE TRAITEMENT NON INFORMATIQUE UTILISANT L'INTERNET POUR EMETTRE ET RECEVOIR DES DONNEES VOCALES, GRAPHIQUES ET TEXTUELLES POUR FINS DE COMMUNICATIONS VOCALES ET DE TRANSMISSION DE TELECOPIE INSTANTANEEES**  
[72] TANG, Chih-Tien, TW  
[71] TANG, Chih-Tien, TW  
[22] 1998-10-01  
[43] 2000-04-01

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[21] **2,249,144**  
[13] A1

[51] **Int.Cl. 6A63F 3/00**  
[25] EN  
[54] **MENTAL GAME**  
[54] **JEU DE MEMOIRE**  
[72] STACEY, Charlene, CA  
[71] STACEY, Charlene, CA  
[22] 1998-09-29  
[43] 2000-03-29

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[21] **2,249,152**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **APPARATUS FOR AND METHOD OF MANAGING BANDWIDTH FOR A PACKET-BASED CONNECTION**  
[54] **APPAREIL ET METHODE DE GESTION DE LARGEUR DE BANDE POUR CONNEXION PAR PAQUETS**  
[72] CHAPMAN, Alan Stanley John, CA  
[72] KUNG, Hsiang-Tsung, US  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-09-30  
[43] 2000-03-30

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[21] **2,249,157**  
[13] A1

[51] **Int.Cl. 6H01J 37/317**  
[25] EN  
[54] **UNIFORM DISTRIBUTION MONOENERGETIC ION IMPLANTATION**  
[54] **IMPLANTATION D'IONS MONOENERGETIQUES DE DISTRIBUTION UNIFORME**  
[72] SARKISSIAN, Andranik, CA  
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA  
[22] 1998-10-01  
[43] 2000-04-01

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[21] **2,249,165**  
[13] A1

[51] **Int.Cl. 6A01M 29/02**  
[25] EN  
[54] **WILD ANIMAL DETERRENT DEVICE**  
[54] **DISPOSITIF DE DISSUASION POUR ANIMAUX SAUVAGES**  
[72] REICH, Lee A., US  
[71] REICH, Lee A., US  
[22] 1998-10-01  
[43] 2000-04-01

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[21] **2,249,252**  
[13] A1

[51] **Int.Cl. 6G06F 1/14 6G06F 9/44**  
[25] EN  
[54] **AUTOMATION OF THE DESIGN RECOVERY AND FORWARD ENGINEERING OF LEGACY APPLICATIONS**  
[54] **AUTOMATISATION DE LA RECUPERATION DE DONNEES DE CONCEPTION ET DE LA MODERNISATION D'APPLICATIONS PATRIMONIALES**  
[72] CHRISTENSEN, Rolf Christopher, CA  
[72] WHITWORTH, Garry David, CA  
[71] CHRISTENSEN, Rolf Christopher, CA  
[71] WHITWORTH, Garry David, CA  
[22] 1998-09-30  
[43] 2000-03-30

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[21] **2,249,278**  
[13] A1

[51] **Int.Cl. 6E05B 71/00**  
[25] EN  
[54] **CYCLE LOCK**  
[54] **VERROU POUR BICYCLETTE OU MOTOCYCLETTE**  
[72] HUGHES, Robert, US  
[71] HUGHES, Robert, US  
[22] 1998-10-01  
[43] 2000-04-01

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[21] **2,249,493**  
[13] A1

[51] **Int.Cl. 6C04B 7/48**  
[25] EN  
[54] **PROCESS FOR PRODUCING CEMENT CLINKER CONTAINING BLAST FURNACE SLAG**  
[54] **PROCEDE POUR PRODUIRE DU CLINKER CONTENANT DU LAITIER DE HAUT FOURNEAU**  
[72] VAN SLOTEN, Alan Melvin, CA  
[72] CAIL, Kevin Moire, CA  
[72] OATES, David Bridson, CA  
[71] LAFARGE CANADA INC., CA  
[22] 1998-10-01  
[43] 2000-04-01

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[21] **2,249,500**  
[13] A1

[51] **Int.Cl. 6F21V 33/00 6A43B 13/00 6F21V 23/00 6A43B 3/10**  
[25] EN  
[54] **LIGHTED SLIPPER**  
[54] **PANTOUFLE A ELEMENTS ELECTROLUMINESCENTS**  
[72] STONE, Allan J., US  
[71] COBRA INTERNATIONAL, INC., US  
[22] 1998-10-01  
[43] 2000-04-01

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[21] **2,249,883**  
[13] A1

[51] **Int.Cl. 6F26B 1/00 6F26B 5/00 6E01H 10/00 6A01D 91/04**  
[25] EN  
[54] **DRYING SAND TO PREVENT FREEZING WITHOUT THE USE OF SALT**  
[54] **ASSECHEMENT DU SABLE POUR PREVENIR LA FORMATION DE GLACE SANS UTILISER DE SEL**  
[72] HADIKEN, Lawrence, CA  
[71] HADIKEN, Lawrence, CA  
[22] 1998-10-09  
[43] 2000-03-28

---

Canadian Laid-Open Applications  
March 26, 2000 - April 1, 2000

[21] 2,249,945  
[13] A1

[51] Int.Cl. 6C02F 1/74  
[25] EN  
[54] TWO-STAGE SEPARATION  
PROCESS  
[54] PROCEDE DE SEPARATION EN  
DEUX ETAPES  
[72] LEHMANN, Richard W., US  
[72] FORBESS, Russell G., US  
[71] UNITED STATES FILTER  
CORPORATION, US  
[22] 1998-10-09  
[43] 2000-04-01  
[30] US (UNKNOWN) 1998-10-01

[21] 2,250,661  
[13] A1

[51] Int.Cl. 6B60Q 1/46 6B60Q 1/44  
6B60Q 1/52  
[25] EN  
[54] VEHICLE SAFETY FLASHER  
SYSTEM  
[54] SYSTEME DE CLIGNOTANT DE  
SECURITE DE VEHICULE  
[72] GILBERT, Sylvie S., CA  
[72] MACKSOUD, Antoine T., CA  
[71] GILBERT, Sylvie S., CA  
[71] MACKSOUD, Antoine T., CA  
[22] 1998-10-19  
[43] 2000-03-28  
[30] US (09/162,082) 1998-09-28

[21] 2,251,441  
[13] A1

[51] Int.Cl. 6E03D 3/12 6E03D 5/08  
[25] EN  
[54] DUAL FOOT PEDAL-OPERATED  
FLUSH TOILET  
[54] TOILETTE A CHASSE D'EAU A  
DOUBLE LEVIER DE COMMANDE A  
PIED  
[72] FLEMING, David Charles Robert, CA  
[71] SANITATION EQUIPMENT  
LIMITED, CA  
[22] 1998-10-22  
[43] 2000-03-30  
[30] US (09/163,549) 1998-09-30

[21] 2,252,315  
[13] A1

[51] Int.Cl. 6F24C 3/12 6F16K 31/06  
6F16K 31/44  
[25] EN  
[54] FLUID FLOW VALVES AND  
COOKING MACHINE CONTROL  
SYSTEMS UTILIZING SUCH VALVES  
[54] SOUPAPES DE REGULATION DE  
FLUIDE ET REGULATEURS  
D'APPAREIL DE CUISSON UTILISANT  
CES SOUPAPES  
[72] SPEAKMAN, Thomas S., US  
[72] GARCEAU, William J., US  
[71] SPEAKMAN, Thomas S., US  
[71] GARCEAU, William J., US  
[22] 1998-11-03  
[43] 2000-03-30  
[30] US (09/163,334) 1998-09-30

[21] 2,252,933  
[13] A1

[51] Int.Cl. 6B26D 1/02 6B65H 35/02  
[25] EN  
[54] APPARATUS FOR  
LONGITUDINALLY SLITTING SHEET  
MATERIAL  
[54] APPAREIL POUR REFENDRE  
LONGITUDINALEMENT DES  
MATERIAUX EN FEUILLE  
[72] DUECK, Raymond, CA  
[71] DUECK, Raymond, CA  
[22] 1998-11-05  
[43] 2000-04-01  
[30] US (09/164,266) 1998-10-01

[21] 2,252,938  
[13] A1

[51] Int.Cl. 6B26D 7/28 6B65H 26/06  
6B65H 35/08  
[25] EN  
[54] APPARATUS FOR CUTTING AND  
ROLLING SHEET MATERIAL  
[54] APPAREIL POUR COUPER ET  
ENROULER DES MATERIAUX EN  
FEUILLE  
[72] DUECK, Raymond, CA  
[71] DUECK, Raymond, CA  
[22] 1998-11-05  
[43] 2000-04-01  
[30] US (09/164,267) 1998-10-01

[21] 2,253,020  
[13] A1

[51] Int.Cl. 6A43B 13/36 6A43B 7/34  
[25] FR  
[54] SEMELLES ISOLANTES  
[54] INSULATED SOLES  
[72] POMERLEAU, André, CA  
[71] POMERLEAU, André, CA  
[22] 1998-09-30  
[43] 2000-03-30

[21] 2,254,860  
[13] A1

[51] Int.Cl. 6H04M 11/00 6H04M 1/02  
[25] EN  
[54] REMOTE COMMUNICATION AND  
CONTROL FOR A TELEPHONY  
DEVICE  
[54] COMMUNICATIONS ET  
COMMANDE A DISTANCE POUR UN  
DISPOSITIF DE TELEPHONIE  
[72] WEISS, Richard A., US  
[72] FREESTONE, JERRY ALLAN, CA  
[72] SEELEY, Michael, CA  
[72] BLAND, Dennis Charles, CA  
[72] KOS, Steven, CA  
[72] KERSLAKE, Richard Donald, CA  
[72] CRAMER, Seth Whitney, CA  
[71] NORTHERN TELECOM LIMITED,  
CA  
[22] 1998-12-01  
[43] 2000-04-01  
[30] US (09/164,768) 1998-10-01

[21] 2,256,202  
[13] A1

[51] Int.Cl. 6B60T 17/22 6H05B 37/03  
6B60T 17/18 6G01R 31/44  
[25] FR  
[54] DISPOSITIF DE SURVEILLANCE  
DU REGLAGE DES FREINS D'UN  
VEHICULE ROUTIER  
[54] MONITORING DEVICE FOR  
BRAKE ADJUSTMENT IN ROAD  
VEHICLES  
[72] GAGNON, Pierre, CA  
[72] COULOMBE, Pierre, CA  
[71] GAGNON, Pierre, CA  
[71] COULOMBE, Pierre, CA  
[22] 1998-12-07  
[43] 2000-03-28

**Demandes canadiennes mises à la disponibilité du public**  
**26 mars 2000 - 1 avril 2000**

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[21] **2,256,295**  
[13] A1

[51] **Int.Cl. 6C10F 7/00 6E21C 49/00**  
[25] EN  
[54] **COLORED SPHAGNUM MOSS**  
[54] **SPHAIGNE COLOREE**  
[72] COUDE, Jean, CA  
[72] LEVESQUE, Yvon, CA  
[72] PELLETIER, Nadine, CA  
[71] JOHNSON & JOHNSON INC., CA  
[22] 1998-12-17  
[43] 2000-04-01  
[30] US (09/164,832) 1998-10-01

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[21] **2,258,058**  
[13] A1

[51] **Int.Cl. 6A47F 5/00 6B65D 73/00**  
**6G09F 1/00 6G09F 5/00**  
[25] EN  
[54] **MOLDED PRODUCT DISPLAY SYSTEM**  
[54] **SYSTEME MOULE DE PRESENTATION DE PRODUITS**  
[72] GARY, Lonnie F., US  
[71] GARY, Lonnie F., US  
[22] 1998-12-30  
[43] 2000-03-30  
[30] US (09/169,802) 1998-09-30

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[21] **2,261,106**  
[13] A1

[51] **Int.Cl. 6C07H 17/08**  
[25] EN  
[54] **PROCESS FOR PREPARING ERYTHROMYCIN DERIVATIVE, SUCH AS ROXITHROMYCIN, FROM THE CORRESPONDING OXIME**  
[54] **PROCEDE DE PREPARATION DE DERIVES DE L'ERYTHROMYCINE, COMME LA ROXITHROMYCINE, A PARTIR DE L'OXIME CORRESPONDANTE**  
[72] MURALI, Madala Krishna, IN  
[72] BABU, Meduri Suresh, IN  
[72] VYAS, Ketan Dhansukhlal, IN  
[72] KULKARNI, Ashok Krishna, IN  
[71] MAX INDIA LIMITED, IN  
[22] 1999-02-03  
[43] 2000-03-30  
[30] IN (2912/DEL/98) 1998-09-30

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[21] **2,265,201**  
[13] A1

[51] **Int.Cl. 6C12Q 1/32 6C12Q 1/54**  
[25] EN  
[54] **DIAGNOSTICS BASED ON TETRAZOLIUM COMPOUNDS**  
[54] **DIAGNOSTICS BASES SUR DES COMPOSES DE TETRAZOLIUM**  
[72] OUYANG, Tianmei, US  
[72] YU, Yeung Siu, US  
[71] LIFESCAN, INC., US  
[22] 1999-03-10  
[43] 2000-03-28  
[30] US (09/161,876) 1998-09-28

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[21] **2,266,534**  
[13] A1

[51] **Int.Cl. 6H04B 1/04 6H04L 25/06**  
**6G05F 1/10**  
[25] EN  
[54] **TRANSMIT BASELINE WANDER CORRECTION TECHNIQUE**  
[54] **TECHNIQUE DE CORRECTION APPLICABLE A LA DERIVE DE LA LIGNE DE BASE DANS UN EMETTEUR**  
[72] CANDAGE, Anthony B., CA  
[72] LYE, William, CA  
[71] PMC-SIERRA LTD., CA  
[22] 1999-03-22  
[43] 2000-03-30  
[30] US (09/163,340) 1998-09-30

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[21] **2,267,018**  
[13] A1

[51] **Int.Cl. 6G02F 2/02**  
[25] EN  
[54] **OPTICAL WAVELENGTH CONVERTER WITH ACTIVE WAVEGUIDE**  
[54] **CONVERTISSEUR DE LONGUEURS D'ONDES OPTIQUE AVEC GUIDE D'ONDES ACTIF**  
[72] NAKANO, Yoshiaki, JP  
[72] MA, Byong-Jin, JP  
[71] THE UNIVERSITY OF TOKYO, JP  
[22] 1999-03-26  
[43] 2000-03-28  
[30] JP (10-273,435) 1998-09-28

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[21] **2,267,552**  
[13] A1

[51] **Int.Cl. 6A61C 13/30 6A61C 8/00**  
[25] FR  
[54] **TENON DENTAIRE EN MATERIAU COMPOSITE RADIO-OPAQUE**  
[54] **DENTAL POST MADE OF A RADIO-OPAQUE COMPOSITE MATERIAL**  
[72] BACHMANN, Noémie, FR  
[72] BACHMANN, Marc William, FR  
[72] BACHMANN, Sonia, FR  
[71] BACHMANN, Noémie, FR  
[71] BACHMANN, Marc William, FR  
[71] BACHMANN, Sonia, FR  
[22] 1999-04-01  
[43] 2000-03-29  
[30] FR (98 12268) 1998-09-29

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[21] **2,270,334**  
[13] A1

[51] **Int.Cl. 6C12Q 1/54 6C12Q 1/32 6C12M 1/34 6C12M 1/40 6G01N 33/52**  
[25] EN  
[54] **DIAGNOSTICS BASED ON TETRAZOLIUM COMPOUNDS**  
[54] **DIAGNOSTICS BASES SUR DES COMPOSES DE TETRAZOLIUM**  
[72] SIU YU, Yeung, US  
[72] OUYANG, Tianmei, US  
[71] LIFESCAN, INC., US  
[22] 1999-04-28  
[43] 2000-03-28  
[30] US (09/161,876) 1998-09-28  
[30] US (09/282,083) 1999-03-30

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[21] **2,271,971**  
[13] A1

[51] **Int.Cl. 6B65D 33/00 6B65D 65/28**  
[25] EN  
[54] **PACKAGING BAG**  
[54] **SAC D'EMBALLAGE**  
[72] OSHIMA, Shigeyuki, JP  
[72] MOTEGI, Yoshiji, JP  
[71] HOSOKAWA YOKO CO., LTD., JP  
[22] 1999-05-14  
[43] 2000-03-30  
[30] JP (10-278113) 1998-09-30

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Canadian Laid-Open Applications  
March 26, 2000 - April 1, 2000

[21] **2,273,811**  
[13] A1

[51] **Int.Cl. 6H01J 61/44**  
[25] EN  
[54] **NEON DISCHARGE LAMP FOR GENERATING AMBER LIGHT**  
[54] **LAMPE A DECHARGE AU NEON POUR GENERER DE LA LUMIERE AMBREE**  
[72] KASENGA, Anthony F., US  
[72] EVANS, Jean M., US  
[72] PETERS, Thomas E., US  
[72] ROTHWELL, Harold L., Jr., US  
[71] OSRAM SYLVANIA INC., US  
[22] 1999-06-08  
[43] 2000-03-28  
[30] US (09/162,191) 1998-09-28

[21] **2,273,814**  
[13] A1

[51] **Int.Cl. 6H02J 3/00 6H02J 3/18**  
[25] EN  
[54] **WAVE SHAPING CIRCUIT**  
[54] **CIRCUIT DE CONFORMATION D'ONDE**  
[72] LESTER, James N., US  
[71] OSRAM SYLVANIA INC., US  
[22] 1999-06-08  
[43] 2000-04-01  
[30] US (09/165,221) 1998-10-01

[21] **2,273,833**  
[13] A1

[51] **Int.Cl. 6G01N 21/88 6G01N 33/44 6G01N 21/55 6G01N 21/59 6G01N 21/89**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INSPECTION OF RUBBER PRODUCT**  
[54] **METHODE ET APPAREIL POUR L'INSPECTION DE PRODUITS CAOUTCHOUTEUX**  
[72] SUDO, Masamichi, JP  
[72] SUDO, Morihiko, JP  
[71] DAIKYO SEIKO, LTD., JP  
[22] 1999-06-09  
[43] 2000-03-30  
[30] JP (10-278648) 1998-09-30

[21] **2,274,354**  
[13] A1

[51] **Int.Cl. 6B32B 27/06 6B29D 9/00 6B29C 47/04 6B32B 5/18**  
[25] EN  
[54] **POLYMERIC FOAM COMPOSITIONS AND METHOD OF MAKING, SUBSTRATES MADE FROM SUCH COMPOSITIONS AND METHOD OF MAKING, PRODUCTS MADE FROM SUCH SUBSTRATES AND METHOD OF MAKING**  
[54] **COMPOSITIONS DE MOUSSE POLYMERIQUE ET METHODE DE FABRICATION, SUPPORTS FABRIQUES A PARTIR DE CES COMPOSITIONS ET METHODE DE FABRICATION, PRODUITS FABRIQUES A PARTIR DE CES SUPPORTS ET METHODE DE FABRICATION**  
[72] INGRIM, Mike, US  
[72] KREJCHI, Mark, US  
[72] MAFOTI, Robson, US  
[72] GONZALES, Jim, US  
[72] ORISEH, Tony, US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 1999-06-14  
[43] 2000-03-26  
[30] US (09/161,270) 1998-09-26

[21] **2,275,088**  
[13] A1

[51] **Int.Cl. 6H01L 29/207 6H01L 29/772**  
[25] EN  
[54] **GAAS SINGLE CRYSTAL SUBSTRATE AND EPITAXIAL WAFER USING THE SAME**  
[54] **SUBSTRAT DE MONOCRISTAUX DE GAAS ET TRANCHE EPITAXIALE FABRIQUEE A PARTIR DE CE PRODUIT**  
[72] NAKAI, RYUSUKE, JP  
[72] HAGI, YOSHIKI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1999-06-15  
[43] 2000-03-28  
[30] JP (10-273097) 1998-09-28

[21] **2,275,375**  
[13] A1

[51] **Int.Cl. 6B65D 27/08**  
[25] EN  
[54] **MULTIPLE-POCKET ENVELOPE**  
[54] **ENVELOPPE A Pochettes multiples**  
[72] CONN, MARIE-LOUISE FRANCINE, CA  
[71] CANADA POST CORPORATION, CA  
[22] 1999-06-18  
[43] 2000-04-01  
[30] US (09/165,933) 1998-10-01  
[30] CA (2,249,123) 1998-10-01

[21] **2,276,229**  
[13] A1

[51] **Int.Cl. 6C09D 5/03 6C09D 5/44 6C09D 5/46**  
[25] EN  
[54] **POWDER SLURRY COMPOSITIONS WITH SOLID PARTICULATE CARBAMATE RESIN COMPONENT DISPERSED IN LIQUID AMINOPLAST RESIN CARRIER**  
[54] **COMPOSITIONS DE SUSPENSION Poudreuse dont les particules solides de la composante Resine de carbamate sont dispersees dans un support liquide de Resine Aminoplaste**  
[72] HARRIS, PAUL J., US  
[72] REHFUSS, JOHN W., US  
[72] OHRBOM, WALTER H., US  
[71] BASF CORPORATION, US  
[22] 1999-06-25  
[43] 2000-04-01  
[30] US (09/165,146) 1998-10-01

**Demandes canadiennes mises à la disponibilité du public**  
**26 mars 2000 - 1 avril 2000**

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[21] **2,276,577**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ROUTING IN A COMMUNICATION OR DATA NETWORK, OR A NETWORK COMPRISING COMMUNICATION AND DATA NETWORKS**  
[54] **METHODE ET APPAREIL DE ROUTAGE DANS UN RESEAU DE COMMUNICATIONS OU DE DONNEES OU DANS UN RESEAU COMPOSE DE RESEAUX DE COMMUNICATIONS ET DE DONNEES**  
[72] PUHL, ALFONS, DE  
[72] GRIMMINGER, JOCHEN, DE  
[72] RUBAN, THOMAS, DE  
[72] BOKAEMPER, MARTIN, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 1999-06-29  
[43] 2000-04-01  
[30] DE (19845331.0) 1998-10-01

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[21] **2,276,793**  
[13] A1

[51] **Int.Cl. 6C09D 161/32**  
[25] EN  
[54] **METHOD FOR IMPROVING THE ADHESION OF A REPAIR COATING TO A PREVIOUSLY COATED SUBSTRATE**  
[54] **METHODE POUR AMELIORER L'ADHERENCE D'UN REVETEMENT DE REPARATION APPLIQUE SUR UN SUBSTRAT DEJA REVETU**  
[72] GESSNER, MICHAEL A., US  
[72] CAMPBELL, DONALD H., US  
[71] BASF CORPORATION, US  
[22] 1999-06-25  
[43] 2000-04-01  
[30] US (09/165,147) 1998-10-01

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[21] **2,276,916**  
[13] A1

[51] **Int.Cl. 6H01J 61/44**  
[25] EN  
[54] **PHOSPHOR COATING FOR GAS DISCHARGE LAMPS**  
[54] **REVETEMENT DE PHOSPHORE POUR LAMPES A DECHARGE DE GAZ**  
[72] MISHRA, KAILASH, US  
[72] EVANS, JEAN M., US  
[72] ROTHWELL, HAROLD JR., US  
[72] PETERS, THOMAS E., US  
[71] OSRAM SYLVANIA INC., US  
[22] 1999-07-06  
[43] 2000-03-28  
[30] US (09/162,192) 1998-09-28

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[21] **2,276,973**  
[13] A1

[51] **Int.Cl. 6E21B 43/25**  
[25] EN  
[54] **TUBING HEAD SPOOL**  
[54] **RACCORD DOUBLE-BRIDE POUR TETE DE TIGE**  
[72] DALLAS, L. MURRAY, US  
[71] DALLAS, L. MURRAY, US  
[22] 1999-07-07  
[43] 2000-03-29  
[30] US (09/162,278) 1998-09-29

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[21] **2,277,524**  
[13] A1

[51] **Int.Cl. 6H01B 11/12**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR ADJUSTING THE COUPLING REACTANCES BETWEEN TWISTED PAIRS FOR ACHIEVING A DESIRED LEVEL OF CROSSTALK**  
[54] **METHODE ET APPAREIL DE REGLAGE DES REACTANCES DE COUPLAGE ENTRE DES PAIRES TORSADEES PERMETTANT D'OBTENIR UN NIVEAU VOULU DE DIAPHONIE**  
[72] REEDE, IVAN, CA  
[71] NORDX/CDT, INC., CA  
[22] 1999-07-13  
[43] 2000-03-29  
[30] US (60/102,233) 1998-09-29  
[30] US (60/120,950) 1999-02-19  
[30] US (09/276,004) 1999-03-25

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[21] **2,277,742**  
[13] A1

[51] **Int.Cl. 6G11B 17/22**  
[25] EN  
[54] **DISC LIBRARY APPARATUS**  
[54] **APPAREIL DE DISCOTHEQUE**  
[72] KUSUNOKI, YOSHIKI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1999-07-20  
[43] 2000-03-30  
[30] JP (277593/98) 1998-09-30

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[21] **2,278,950**  
[13] A1

[51] **Int.Cl. 6D21C 3/22 6C12S 3/08**  
[25] EN  
[54] **ENZYMATIC PAPER AND PROCESS OF MAKING THEREOF**  
[54] **PAPIER ENZYMATIQUE ET PROCEDE DE FABRICATION**  
[72] WOLKOWICZ, RICHARD IGNATIUS, US  
[72] HSU, JAY CHIEHLUNG, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-07-27  
[43] 2000-03-29  
[30] US (09/162,628) 1998-09-29

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[21] **2,278,960**  
[13] A1

[51] **Int.Cl. 6C07H 19/01 6C07H 23/00 6C07H 17/04**  
[25] EN  
[54] **SPIROCYCLIC C-GLYCOSIDES**  
[54] **C-GLYCOSIDES SPIROCYCLIQUES**  
[72] HAMDouchi, CHAFIQ, US  
[72] HITCHCOCK, STEPHEN ANDREW, US  
[72] ESTEBAN, ALMUDENA RUBIO, US  
[72] SANCHEZ-MARTINEZ, CONCEPCION, ES  
[71] ELI LILLY AND COMPANY, US  
[22] 1999-07-27  
[43] 2000-03-30  
[30] US (60/102,400) 1998-09-30

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[21] **2,279,031**  
[13] A1

[51] **Int.Cl. 6G05B 23/00**  
[25] EN  
[54] **SWEEP PILOT TECHNIQUE FOR A CONTROL SYSTEM THAT REDUCES DISTORTION PRODUCED BY ELECTRICAL CIRCUITS**  
[54] **TECHNIQUE A SIGNAL PILOTE A BALAYAGE POUR SYSTEME DE COMMANDE QUI REDUIT LA DISTORSION PRODUITE PAR LES CIRCUITS ELECTRIQUES**  
[72] PATEL, MOHAN, US  
[72] MYER, ROBERT EVAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-07-29  
[43] 2000-03-29  
[30] US (09/162,697) 1998-09-29

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Canadian Laid-Open Applications  
March 26, 2000 - April 1, 2000

[21] 2,279,095  
[13] A1

[51] Int.Cl. 6G05B 23/00  
[25] EN  
[54] FREQUENCY HOP PILOT  
TECHNIQUE FOR A CONTROL  
SYSTEM THAT REDUCES  
DISTORTION PRODUCED BY  
ELECTRICAL CIRCUITS  
[54] TECHNIQUE A SIGNAL PILOTE A  
SAUT DE FREQUENCE POUR  
SYSTEME DE COMMANDE QUI  
REDUIT LA DISTORSION PRODUITE  
PAR LES CIRCUITS ELECTRIQUES  
[72] MYER, ROBERT EVAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-07-29  
[43] 2000-03-29  
[30] US (09/162,753) 1998-09-29

[21] 2,279,098  
[13] A1

[51] Int.Cl. 6H04L 1/00  
[25] EN  
[54] UNEQUAL ERROR PROTECTION  
FOR DIGITAL BROADCASTING USING  
CHANNEL CLASSIFICATION  
[54] PROTECTION INEGALE CONTRE  
LES ERREURS POUR LA DIFFUSION  
NUMERIQUE SELON LA  
CLASSIFICATION DES CANAUX  
[72] SINHA, DEEPEN, US  
[72] SUNDBERG, CARL-ERIK WILHELM,  
US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-07-29  
[43] 2000-03-30  
[30] US (09/163,656) 1998-09-30

[21] 2,279,141  
[13] A1

[51] Int.Cl. 6E04B 1/38  
[25] EN  
[54] FASTENING MEMBER FOR  
VERTICAL BOARD SIDING,  
VERTICAL BOARD SIDING USING  
THE FASTENING MEMBER, AND  
VERTICAL SIDING STRUCTURE  
CONSTRUCTED USING THE  
FASTENING MEMBER  
[54] ELEMENT DE FIXATION POUR  
BARDAGE VERTICAL, BARDAGE  
VERTICAL PAR L'ELEMENT DE  
FIXATION, ET STRUCTURE DE  
BARDAGE VERTICAL CONSTRUITE A  
L'AIDE DE L'ELEMENT DE FIXATION  
[72] ICHIHASHI, MAMORU, JP  
[71] NICHIIHA CORPORATION, JP  
[22] 1999-07-29  
[43] 2000-03-28  
[30] JP (273297/1998) 1998-09-28

[21] 2,279,143  
[13] A1

[51] Int.Cl. 6E04B 1/38  
[25] EN  
[54] FASTENING MEMBER FOR  
VERTICAL BOARD SIDING, METHOD  
OF FASTENING LOWER END OF  
SIDING BOARD USING THE  
FASTENING MEMBER, AND  
STRUCTURE FASTENED USING THE  
FASTENING MEMBER  
[54] ELEMENT DE FIXATION POUR  
BARDAGE VERTICAL, METHODE DE  
FIXATION DE L'EXTREMITÉ  
INFERIEURE D'UN PANNEAU DE  
BARDAGE A L'AIDE DE L'ELEMENT  
DE FIXATION, ET STRUCTURE FIXÉE  
A L'AIDE DE L'ELEMENT DE  
FIXATION  
[72] WATANABE, MORIMICHI, JP  
[71] NICHIIHA CORPORATION, JP  
[22] 1999-07-29  
[43] 2000-03-28  
[30] JP (273265/1998) 1998-09-28

[21] 2,279,443  
[13] A1

[51] Int.Cl. 6G01R 25/00  
[25] EN  
[54] IMPROVED PHASE DETECTOR  
[54] DETECTEUR DE PHASE  
AMELIORE  
[72] MYER, ROBERT EVAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-07-30  
[43] 2000-03-30  
[30] US (09/164,535) 1998-09-30

[21] 2,279,444  
[13] A1

[51] Int.Cl. 6G05B 23/00  
[25] EN  
[54] DOUBLE SIDE BAND PILOT  
TECHNIQUE FOR A CONTROL  
SYSTEM THAT REDUCES  
DISTORTION PRODUCED BY  
ELECTRICAL CIRCUITS  
[54] TECHNIQUE A SIGNAL PILOTE A  
DOUBLE BANDE LATERALE POUR  
SYSTEME DE COMMANDE QUI  
REDUIT LA DISTORSION PRODUITE  
PAR LES CIRCUITS ELECTRIQUES  
[72] MYER, ROBERT EVAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-07-30  
[43] 2000-03-29  
[30] US (09/162,553) 1998-09-29

[21] 2,279,467  
[13] A1

[51] Int.Cl. 6H04Q 1/22 6H04M 3/28  
[25] EN  
[54] METHOD FOR AUTOMATICALLY  
MONITORING CONTINUITY AND  
INTEGRITY OF COMMUNICATION  
TRUNKS  
[54] METHODE DE SURVEILLANCE  
AUTOMATIQUE DE LA CONTINUTE  
ET DE L'INTEGRITE DES CIRCUITS  
DE COMMUNICATION  
[72] LAHAM, MOHAMMAD ALI, US  
[72] LAMOUREUX, PHILIP, US  
[72] LEONARD, ERIC DAVID, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-07-30  
[43] 2000-03-30  
[30] US (09/163,940) 1998-09-30

[21] 2,279,670  
[13] A1

[51] Int.Cl. 6G08C 17/00  
[25] EN  
[54] AUTOMATIC REMOTE METER  
READING SYSTEM AND METHOD  
EMPLOYING SELECTABLE LINE  
INTERFACE  
[54] SYSTEME ET METHODE DE  
LECTURE AUTOMATIQUE DES  
COMPTEURS A DISTANCE  
PERMETTANT LA SELECTION DE  
L'INTERFACE DE LIGNE  
[72] SMITH, DAVID B., US  
[72] GARLAND, STUART MANDEL, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-08-05  
[43] 2000-03-30  
[30] US (09/164,153) 1998-09-30

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[21] **2,279,746**  
[13] A1

[51] **Int.Cl. 6B32B 29/00 6B29C 70/34**  
[25] EN  
[54] **SOLID SURFACING DIMENSIONAL LAMINATE, AND METHODS FOR MAKING AND USING SAME**  
[54] **LAMELLE DIMENSIONNEL DE SURFACAGE PLEIN ET METHODES DE FABRICATION ET D'UTILISATION**  
[72] GAA, PETER C., US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 1999-08-05  
[43] 2000-03-26  
[30] US (09/161,265) 1998-09-26

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[21] **2,279,950**  
[13] A1

[51] **Int.Cl. 6H04Q 3/545**  
[25] EN  
[54] **PREDICTIVE BURSTY REAL-TIME TRAFFIC CONTROL FOR TELECOMMUNICATIONS SWITCHING SYSTEMS**  
[54] **CONTROLE PREDICTIF DES SALVES DE TRAFIC EN TEMPS REEL POUR SYSTEMES DE COMMUTATION DE TELECOMMUNICATIONS**  
[72] RUIZ, JOSE GUADALUPE, US  
[72] DUTY, DAVID ALLEN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-08-09  
[43] 2000-03-30  
[30] US (09/163,614) 1998-09-30

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[21] **2,280,102**  
[13] A1

[51] **Int.Cl. 6H04Q 3/47**  
[25] EN  
[54] **NPA SPLIT MANAGEMENT IN INTELLIGENT NETWORK ENVIRONMENT**  
[54] **GESTION DE DIVISION DE PLAN DE NUMEROTAGE DANS UN ENVIRONNEMENT DE RESEAU INTELLIGENT**  
[72] SAMBA, AUGUSTINE SYLVESTER, US  
[72] BUTTITTA, ANTHONY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-08-12  
[43] 2000-03-29  
[30] US (09/162,911) 1998-09-29

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[21] **2,280,103**  
[13] A1

[51] **Int.Cl. 6H04L 12/12 6H04Q 7/38**  
[25] EN  
[54] **COMPUTER ACCESS DEPENDENT ON THE LOCATION OF THE ACCESSING TERMINAL**  
[54] **ACCES A L'ORDINATEUR EN FONCTION DE L'EMPLACEMENT DU TERMINAL DEMANDANT L'ACCES**  
[72] GRIFFITH, GARY L., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-08-12  
[43] 2000-03-29  
[30] US (09/162,494) 1998-09-29

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[21] **2,280,125**  
[13] A1

[51] **Int.Cl. 6G06F 15/173**  
[25] EN  
[54] **NON-UNIFORM MEMORY ACCESS (NUMA) DATA PROCESSING SYSTEM THAT SPECULATIVELY ISSUES REQUESTS ON A NODE INTERCONNECT**  
[54] **SYSTEME DE TRAITEMENT DE DONNEES A ACCES MEMOIRE NON UNIFORME (AMNU) QUI EMET DES DEMANDES DE FACON SPECULATIVE A UNE INTERCONNEXION DE NOEUDS**  
[72] IACHETTA, RICHARD NICHOLAS JR., US  
[72] GLASCO, DAVID BRIAN, US  
[72] CARPENTER, GARY DALE, US  
[72] DEAN, MARK EDWARD, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-08-12  
[43] 2000-03-29  
[30] US (09/162,828) 1998-09-29

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[21] **2,280,204**  
[13] A1

[51] **Int.Cl. 6H04J 3/16 6H04B 7/216 6H04Q 7/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR OVERHEAD MESSAGE UPDATES**  
[54] **METHODE ET SYSTEME DE MISE A JOUR DES MESSAGES AUXILIAIRES**  
[72] SANDERS, CHARLES ALBERT, US  
[72] MEYERS, MARTIN HOWARD, US  
[72] KAMEL, RAAFAT EDWARD, US  
[72] WEAVER, CARL FRANCIS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-08-10  
[43] 2000-03-30  
[30] US (09/164,399) 1998-09-30

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[21] **2,280,258**  
[13] A1

[51] **Int.Cl. 6A21D 13/08 6A23C 9/00 6A23G 3/00**  
[25] EN  
[54] **BAKERY PRODUCT**  
[54] **PRODUIT DE BOULANGERIE**  
[72] DESJARDINS, JEAN-JACQUES, CH  
[72] WURSCH, PIERRE, CH  
[72] HOLZ GAGG, KATRIN, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1999-08-11  
[43] 2000-03-28  
[30] DE (29817371.9) 1998-09-28

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[21] **2,280,324**  
[13] A1

[51] **Int.Cl. 6H04Q 7/22 6H04Q 7/30 6H04B 1/76**  
[25] EN  
[54] **CDMA POWER CONTROL FOR PAGING AND INITIAL TRAFFIC CHANNEL POWER**  
[54] **COMMANDE AMRC DE LA PUISSANCE DES CANAUX DE TELEAPPEL ET DE LA PUISSANCE INITIALE DES CANAUX DE TRAFIC**  
[72] HUANG, CHING YAO, US  
[72] CHENG, TERRY SI-FONG, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-08-16  
[43] 2000-03-30  
[30] US (09/163,396) 1998-09-30

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[21] **2,280,379**  
[13] A1

[51] **Int.Cl. 6C09D 5/44 6C09D 5/46**  
[25] EN  
[54] **COATING POWDER FOR HIGH TEMPERATURE RESISTANT COATINGS**  
[54] **POUDRE DE REVETEMENT POUR REVETEMENTS RESISTANT AUX HAUTES TEMPERATURES**  
[72] DECKER, OWEN H., US  
[72] TARNOSKI, CHARLES P., US  
[71] MORTON INTERNATIONAL, INC., US  
[22] 1999-08-16  
[43] 2000-03-30  
[30] US (09/163,962) 1998-09-30



Canadian Laid-Open Applications  
March 26, 2000 - April 1, 2000

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[21] **2,280,463**  
[13] A1  
[51] **Int.Cl. 6B60G 9/00 6B60G 7/00 6B60G 9/02**  
[25] EN  
[54] **FOUR-LINK AXLE SUSPENSION SYSTEM**  
[54] **SYSTEME DE SUSPENSION D'ESSIEU A QUATRE ELEMENTS DE LIAISON**  
[72] O'NEILL, FREDERICK CLARK, US  
[72] BROOKS, THOMAS N., JR., US  
[72] BRUCE, DAVID W., US  
[71] CATERPILLAR INC., US  
[22] 1999-08-19  
[43] 2000-03-29  
[30] US (60/102,198) 1998-09-29

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[21] **2,280,530**  
[13] A1  
[51] **Int.Cl. 6B67D 5/58**  
[25] EN  
[54] **FOAM FORMING LIQUID DISPENSING DEVICE**  
[54] **DISPOSITIF DE DISTRIBUTION D'UN LIQUIDE FORMANT UNE MOUSSE**  
[72] BURKHOLZ, JONATHAN KARL, US  
[72] HUNT, DONALD EDWARD, US  
[72] HOANG, MINH QUANG, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 1999-08-19  
[43] 2000-03-28  
[30] US (09/161,815) 1998-09-28

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[21] **2,280,542**  
[13] A1  
[51] **Int.Cl. 6F16H 57/04**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING TEMPERATURE OF FLUID IN A DIFFERENTIAL ASSEMBLY**  
[54] **APPAREIL ET METHODE DE COMMANDE DE LA TEMPERATURE DU LIQUIDE DANS UN ENSEMBLE DIFFERENTIEL**  
[72] HINTON, DAVID R., US  
[72] GOLOFF, CHARLES N., US  
[72] BELL, DOUGLAS W., US  
[71] CATERPILLAR INC., US  
[22] 1999-08-19  
[43] 2000-03-28  
[30] US (60/102,064) 1998-09-28

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[21] **2,280,543**  
[13] A1  
[51] **Int.Cl. 6F16H 48/06 6F16H 48/02**  
[25] EN  
[54] **ARRANGEMENT FOR MOUNTING A PINION GEAR WITHIN A HOUSING OF A DIFFERENTIAL ASSEMBLY**  
[54] **DISPOSITIF DE MONTAGE D'UN PIGNON DANS UN CARTER D'ENSEMBLE DIFFERENTIEL**  
[72] BELL, DOUGLAS W., US  
[71] CATERPILLAR INC., US  
[22] 1999-08-19  
[43] 2000-03-28  
[30] US (09/162,031) 1998-09-28

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[21] **2,280,577**  
[13] A1  
[51] **Int.Cl. 6B41J 2/04**  
[25] EN  
[54] **ACOUSTIC INK PRINTING METHOD AND SYSTEM FOR IMPROVING UNIFORMITY BY MANIPULATING NONLINEAR CHARACTERISTICS IN THE SYSTEM**  
[54] **METHODE ET SYSTEME D'IMPRESSION A L'ENCRE ACOUSTIQUE PERMETTANT D'AMELIORER L'UNIFORMITE EN MANIPULANT DES CARACTERISTIQUES NON LINEAIRES DU SYSTEME**  
[72] HADIMIOGLU, BABUR B., US  
[71] XEROX CORPORATION, US  
[22] 1999-08-23  
[43] 2000-03-30  
[30] US (09/163,524) 1998-09-30

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[21] **2,280,598**  
[13] A1  
[51] **Int.Cl. 6H02J 7/00 6H02M 3/02**  
[25] FR  
[54] **DISPOSITIF ELECTRONIQUE PORTABLE AVEC CIRCUIT DE CONTROLE DE LA DECHARGE D'UNE BATTERIE, ET PROCEDE ASSOCIE**  
[54] **PORTABLE ELECTRONIC DEVICE WITH BATTERY DISCHARGE CONTROL CIRCUIT, AND RELATED PROCESS**  
[72] ATTIMONT, LUC, FR  
[72] BODIN, JANNICK, FR  
[71] ALCATEL, FR  
[22] 1999-08-20  
[43] 2000-03-28  
[30] FR (98 12 071) 1998-09-28

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[21] **2,280,853**  
[13] A1  
[51] **Int.Cl. 6H04N 1/32 6H04L 12/16**  
[25] EN  
[54] **NETWORK FACSIMILE APPARATUS**  
[54] **APPAREIL DE TELECOPIE DE RESEAU**  
[72] IIDA, JUNICHI, JP  
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1999-08-26  
[43] 2000-03-29  
[30] JP (10-274920) 1998-09-29

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[21] **2,281,007**  
[13] A1  
[51] **Int.Cl. 6C09D 1/00 6G02B 1/11**  
[25] EN  
[54] **HYDROPHOBIC THIN FILMS ON MAGNESIUM FLUORIDE SURFACES**  
[54] **FILMS MINCES HYDROPHOBES SUR DES SURFACES DE FLUORURE DE MAGNESIUM**  
[72] ARORA, PRAMOD K., US  
[72] SINGH, BRIJ P., US  
[71] NANOFILM, LTD., US  
[22] 1999-08-27  
[43] 2000-04-01  
[30] US (09/164,489) 1998-10-01

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[21] **2,281,166**  
[13] A1  
[51] **Int.Cl. 6G01N 33/70 6G01N 33/52**  
[25] EN  
[54] **IMPROVED METHOD FOR THE DETECTION OF CREATININE**  
[54] **METHODE AMELIOREE DE DETECTION DE LA CREATININE**  
[72] CAST, TODD K., US  
[72] PUGIA, MICHAEL J., US  
[71] BAYER CORPORATION, US  
[22] 1999-08-25  
[43] 2000-03-28  
[30] US (09/161,768) 1998-09-28

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[21] **2,281,189**  
[13] A1

[51] **Int.Cl. 6B60Q 1/06 6H01J 61/02 6H01K 1/46**  
[25] EN  
[54] **ELECTRIC LAMP**  
[54] **LAMPE ELECTRIQUE**  
[72] BEHR, GERHARD, DE  
[72] BECKER, JUERGEN, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1999-08-26  
[43] 2000-03-30  
[30] DE (198 45 190.3) 1998-09-30

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[21] **2,281,191**  
[13] A1

[51] **Int.Cl. 6H01J 61/35**  
[25] EN  
[54] **DISCHARGE LAMP AND LIGHTING SYSTEM HAVING A DISCHARGE LAMP**  
[54] **LAMPE A DECHARGE ET SYSTEME D'ECLAIRAGE A LAMPE A DECHARGE**  
[72] REINERS, THOMAS, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1999-08-26  
[43] 2000-03-29  
[30] DE (198 44 548.2) 1998-09-29

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[21] **2,281,242**  
[13] A1

[51] **Int.Cl. 6F16H 57/04 6F16H 48/04 6F16H 48/06**  
[25] EN  
[54] **ARRANGEMENT FOR LUBRICATING A DIFFERENTIAL ASSEMBLY OF A WORK MACHINE**  
[54] **DISPOSITIF POUR LA LUBRIFICATION D'UN ENSEMBLE DIFFERENTIEL D'ENGIN DE TRAVAIL**  
[72] BELL, DOUGLAS W., US  
[72] HINTON, DAVID R., US  
[71] CATERPILLAR INC., US  
[22] 1999-08-31  
[43] 2000-03-28  
[30] US (09/162,214) 1998-09-28

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[21] **2,281,373**  
[13] A1

[51] **Int.Cl. 6B41J 2/11 6B41J 2/21**  
[25] EN  
[54] **BALLISTIC AEROSOL MARKING APPARATUS FOR MARKING A SUBSTRATE**  
[54] **APPAREIL DE MARQUAGE BALISTIQUE A AEROSOL POUR MARQUER DES SUBSTRATS**  
[72] PEETERS, ERIC, US  
[72] APTE, RAJ B., US  
[72] BOLTE, STEVEN B., US  
[72] KOVACS, GREGORY J., CA  
[72] SMALL, JONATHAN A., US  
[72] ENDICOTT, FREDERICK J., US  
[72] NOOLANDI, JAAN, US  
[72] JACKSON, WARREN B., US  
[72] ANDERSON, GREGORY B., US  
[72] HAYS, DAN A., US  
[72] KUBBY, JOEL A., US  
[72] VOLKEL, ARMIN R., US  
[72] SHI, AN-CHANG, CA  
[72] LEAN, MENG H., US  
[72] FLOYD, PHILIP D., US  
[71] XEROX CORPORATION, US  
[22] 1999-09-03  
[43] 2000-03-30  
[30] US (09/163,893) 1998-09-30

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[21] **2,281,408**  
[13] A1

[51] **Int.Cl. 6G02B 6/10 6G02B 6/44**  
[25] EN  
[54] **PLENUM RATED FIBER OPTIC CABLE**  
[54] **CABLE A FIBRES OPTIQUES POUR VIDES TECHNIQUES**  
[72] NAVE, SAMUEL D., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-09-02  
[43] 2000-03-28  
[30] US (09/161,924) 1998-09-28

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[21] **2,281,418**  
[13] A1

[51] **Int.Cl. 6A61K 7/40 6A61K 7/02 6A61K 7/48**  
[25] FR  
[54] **UTILISATION D'UNE GOMME DE SILICONE POUR STABILISER L'ACIDE ASCORBIQUE ET NOUVELLES COMPOSITIONS CONTENANT CES COMPOSANTS**  
[54] **USE OF A SILICONE GUM TO STABILIZE ASCORBIC ACID AND NOVEL COMPOSITIONS CONTAINING THESE COMPONENTS**  
[72] AFRIAT, ISABELLE, FR  
[71] L'ORÉAL, FR  
[22] 1999-09-03  
[43] 2000-03-29  
[30] FR (98 12 156) 1998-09-29

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[21] **2,281,429**  
[13] A1

[51] **Int.Cl. 6C10G 65/12**  
[25] EN  
[54] **INTEGRATED HYDROTREATING AND HYDROCRACKING PROCESS**  
[54] **PROCEDE INTEGRE D'HYDROTRAITEMENT ET D'HYDROCRAQUAGE**  
[72] KALNES, THOMAS N., US  
[72] THAKKAR, VASANT P., US  
[71] UOP LLC, US  
[22] 1999-09-03  
[43] 2000-03-29  
[30] US (162,620) 1998-09-29

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[21] **2,281,833**  
[13] A1

[51] **Int.Cl. 6A61M 5/158 6A61M 5/32**  
[25] EN  
[54] **PEN NEEDLE MAGAZINE**  
[54] **MAGASIN D'AIGUILLE DE STYLO INJECTEUR**  
[72] DIBIASI, MICHAEL A., US  
[72] HOECK, ROGER W., US  
[72] LAYTON, RAYMOND MICHAEL, US  
[72] NGUYEN, TUAN V., US  
[72] TAUBENHEIM, DONALD D., US  
[72] CHELAK, TODD M., US  
[72] MCMURRAY, JEFFREY R., US  
[72] WEST, ROBERT E., US  
[72] SHARIFI-MEHR, AMIR ALI, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 1999-09-09  
[43] 2000-03-28  
[30] US (09/162,081) 1998-09-28

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Canadian Laid-Open Applications  
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[21] **2,282,068**  
[13] A1  
[51] **Int.Cl. 7C08F 4/54 7C08F 136/06 7C08F 236/10 7C08F 4/58**  
[25] EN  
[54] **CALCIUM-BASED CATALYST SYSTEM**  
[54] **SYSTEME CATALYTIQUE A BASE DE CALCIUM**  
[72] HSU, WEN-LIANG, US  
[72] ZUPPO, JOHN ROBERT III, US  
[72] HALASA, ADEL FARHAN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-09-08  
[43] 2000-04-01  
[30] US (60/102,706) 1998-10-01

---

[21] **2,282,098**  
[13] A1  
[51] **Int.Cl. 6A61L 15/24**  
[25] EN  
[54] **PRESSURE-SENSITIVE ADHESIVE SHEET FOR SKIN ADHESION AND FIRST-AID ADHESIVE PLASTER USING THE SAME**  
[54] **FEUILLE AUTO-ADHESIVE POUR LA PEAU ET SPARADRAP POUR PREMIERS SOINS FABRIQUE AVEC CETTE FEUILLE**  
[72] SASAKI, YASUYUKI, JP  
[72] KUNIYA, MASAYOSHI, JP  
[72] KINOSHITA, TAKASHI, JP  
[71] NITTO DENKO CORPORATION, JP  
[22] 1999-09-13  
[43] 2000-03-30  
[30] JP (H10-277703) 1998-09-30

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[21] **2,282,118**  
[13] A1  
[51] **Int.Cl. 6A61B 5/107 6G06F 19/00 6A43D 1/02**  
[25] EN  
[54] **FOOTWEAR CUSTOMIZATION SYSTEM AND PROCESS**  
[54] **SYSTEME ET PROCEDE DE PERSONNALISATION DE CHAUSSURES**  
[72] FRAPPIER, JOHN P., US  
[72] SWANSON, STEPHEN C., US  
[71] FRAPPIER, JOHN P., US  
[71] SWANSON, STEPHEN C., US  
[22] 1999-09-14  
[43] 2000-03-28  
[30] US (60/102,070) 1998-09-28  
[30] US (60/115,578) 1999-01-12  
[30] US (09/276,581) 1999-03-25

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[21] **2,282,125**  
[13] A1  
[51] **Int.Cl. 6G02B 6/16 6H01B 7/36**  
[25] EN  
[54] **RADIATION MARKING OF FIBER OPTIC CABLE COMPONENTS**  
[54] **MARQUAGE DE COMPOSANTS A FIBRES OPTIQUES PAR RAYONNEMENTS**  
[72] LOCHKOVIC, GREGORY A., US  
[72] MILLS, GREGORY A., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-09-13  
[43] 2000-03-28  
[30] US (09/162,309) 1998-09-28

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[21] **2,282,129**  
[13] A1  
[51] **Int.Cl. 6F16K 31/60 6F17C 13/04 6F17C 13/06**  
[25] EN  
[54] **VALVE FOR A CONTAINER OF PRESSURIZED FLUID FITED WITH A LEVER FOR CONTROLLING THE PASSAGE OF THE FLUID**  
[54] **ROBINET DE CONTENEUR DE FLUIDE PRESSURISE MUNI D'UN LEVIER POUR COMMANDER LE PASSAGE DU FLUIDE**  
[72] CANNET, GILLES, FR  
[71] L' AIR LIQUIDE SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉ, FR  
[22] 1999-09-14  
[43] 2000-03-28  
[30] FR (98 12081) 1998-09-28

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[21] **2,282,133**  
[13] A1  
[51] **Int.Cl. 6G02F 1/1335 6F21S 5/00**  
[25] EN  
[54] **DIMMABLE LIGHTING APPARATUS**  
[54] **APPAREIL D'ECLAIRAGE A GRADATEUR**  
[72] DOELL, GERHARD, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1999-09-14  
[43] 2000-03-30  
[30] DE (19844889.9) 1998-09-30

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[21] **2,282,205**  
[13] A1  
[51] **Int.Cl. 6C25D 17/10**  
[25] EN  
[54] **ANODE WITH IMPROVED COATING FOR OXYGEN EVOLUTION IN ELECTROLYTES CONTAINING MANGANESE**  
[54] **ANODE A REVETEMENT AMELIORE POUR LA PRODUCTION D'OXYGENE DANS DES ELECTROLYTES CONTENANT DU MANGANESE**  
[72] NIDOLA, ANTONIO, IT  
[72] NEVOSI, ULDERICO, IT  
[71] DE NORA, S.P.A., IT  
[22] 1999-09-15  
[43] 2000-04-01  
[30] IT (MI98A 002115) 1998-10-01

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[21] **2,282,245**  
[13] A1  
[51] **Int.Cl. 6H04B 10/08 6H04B 10/20**  
[25] EN  
[54] **METHOD FOR DETECTING AND LOCATING A BREAK IN A SYNCHRONOUS DIGITAL HIERARCHY (SDH) OPTICAL LINK SYSTEM**  
[54] **METHODE DE DETECTION ET DE LOCALISATION D'UNE RUPTURE DANS UN SYSTEME DE LIAISON OPTIQUE A HIERARCHIE NUMERIQUE SYNCHRONE (SDH)**  
[72] CONTI, MARIANGELA, IT  
[72] MIRIELLO, VIRGILIO, IT  
[71] ALCATEL, FR  
[22] 1999-09-15  
[43] 2000-03-29  
[30] IT (MI 98A 002 080) 1998-09-29

---

[21] **2,282,813**  
[13] A1  
[51] **Int.Cl. 6F16L 58/02 6B05B 13/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR APPLYING A PROTECTIVE LAYER OF, FOR EXAMPLE, OIL TO THE INTERIOR OF A METAL PIPE**  
[54] **METHODE ET APPAREIL D'APPLICATION D'UNE COUCHE PROTECTRICE, DE L'HUILE PAR EXEMPLE, A L'INTERIEUR D'UN TUYAU EN METAL**  
[72] BRULS, NICOLA JOZEF MARIE, NL  
[71] BRUBEK B.V., NL  
[22] 1999-09-20  
[43] 2000-03-28  
[30] NL (1 010 201) 1998-09-28

**Demandes canadiennes mises à la disponibilité du public**  
**26 mars 2000 - 1 avril 2000**

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[21] **2,282,823**  
[13] A1

[51] **Int.Cl. 6B65D 47/34 6G01F 11/04 6B65D 83/76**  
[25] EN  
[54] **PUMP DEVICE FOR PUMPING LIQUID FOODSTUFF**  
[54] **DISPOSITIF POUR POMPER DES ALIMENTS LIQUIDES**  
[72] STERN, LEIF EINAR, SE  
[71] ASEPT INTERNATIONAL AB, SE  
[22] 1999-09-17  
[43] 2000-03-28  
[30] SE (9803273-3) 1998-09-28

---

[21] **2,282,914**  
[13] A1

[51] **Int.Cl. 6G02F 1/11 6H01S 3/05**  
[25] EN  
[54] **DOUBLE-PASSAGE ACOUSTO-OPTICAL DEVICE AND LASER**  
[54] **DISPOSITIF ACOUSTO-OPTIQUE A DEUX PASSES ET LASER**  
[72] DONATI, STEFANO, IT  
[72] SCHMID, STEFFEN, IT  
[72] MORASCA, SALVATORE, IT  
[71] PIRELLI CA VI E SISTEMI S.P.A., IT  
[22] 1999-09-22  
[43] 2000-03-29  
[30] EP (98 118377.5) 1998-09-29

---

[21] **2,282,919**  
[13] A1

[51] **Int.Cl. 6H02M 7/10**  
[25] EN  
[54] **HIGH-VOLTAGE POWER SUPPLY CIRCUIT HAVING A PLURALITY OF DIODE BRIDGES CONNECTED IN SERIES TO THE SECONDARY WINDING OF A TRANSFORMER**  
[54] **CIRCUIT D'ALIMENTATION HAUTE TENSION COMPRENANT UN CERTAIN NOMBRE DE PONTS DE DIODES BRANCHES EN SERIE AVEC L'ENROULEMENT SECONDAIRE D'UN TRANSFORMATEUR**  
[72] KAWAHARA, TAKESHI, JP  
[72] NAKAGAWA, KURAO, JP  
[71] NEC CORPORATION, JP  
[22] 1999-09-22  
[43] 2000-03-30  
[30] JP (278154/1998) 1998-09-30

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[21] **2,282,934**  
[13] A1

[51] **Int.Cl. 6B32B 27/32 6B29D 7/01 6B29C 47/04 6B32B 27/08 6B32B 27/34**  
[25] FR  
[54] **FILM COMPRENANT UNE COUCHE CENTRALE EN POLYOLEFINE ET DEUX COUCHES EXTERNES EN ALLIAGE POLYAMIDE/POLYOLEFINE**  
[54] **FILM COMPRISING ONE CENTRAL LAYER OF POLYOLEFIN AND TWO OUTER LAYERS OF POLYAMIDE/POLYOLEFIN ALLOY**  
[72] FLAT, JEAN-JACQUES, FR  
[72] ROUMILHAC, DIDIER, FR  
[72] TEZE, LAURENT, FR  
[72] BOUILLOUX, ALAIN, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 1999-09-27  
[43] 2000-03-30  
[30] FR (98 12 247) 1998-09-30

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[21] **2,282,936**  
[13] A1

[51] **Int.Cl. 6F16F 7/12 6B61F 19/04 6B60R 19/04**  
[25] FR  
[54] **STRUCTURE D'AMORTISSEMENT DE CHOC**  
[54] **SHOCK ABSORPTION STRUCTURE**  
[72] VILLEMIN, MARC, FR  
[72] METZGER, ALBERT, FR  
[71] ALSTOM HOLDINGS, FR  
[22] 1999-09-27  
[43] 2000-03-28  
[30] FR (98 12 103) 1998-09-28

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[21] **2,282,957**  
[13] A1

[51] **Int.Cl. 6A61C 17/26 6A46B 13/08**  
[25] EN  
[54] **ELECTRIC TOOTHBRUSH**  
[54] **BROSSE A DENTS ELECTRIQUE**  
[72] OSHER, JOHN, US  
[72] BLAUSTEIN, LAWRENCE A., US  
[72] NOTTINGHAM, JOHN R., US  
[72] SPIRK, JOHN W., US  
[71] DR. JOHNS PRODUCTS, LTD., US  
[22] 1999-09-16  
[43] 2000-03-30  
[30] US (09/163,621) 1998-09-30  
[30] US (09/236,794) 1999-01-25

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[21] **2,282,966**  
[13] A1

[51] **Int.Cl. 6A47J 43/24 6F26B 5/08**  
[25] EN  
[54] **BASKET AND DRIVE ARRANGEMENT FOR SALAD SPINNER**  
[54] **PANIER ET DISPOSITIF D'ENTRAINEMENT DE PANIER A SALADE**  
[72] HEIBERG, JAKOB, DK  
[72] KOCH, MIKAEL, DK  
[72] MORTIER, JOHAN M. J. K., BE  
[72] DAENEN, ROBERT H. C. M., BE  
[72] LILLELUND, STIG, DK  
[71] DART INDUSTRIES INC., US  
[22] 1999-09-17  
[43] 2000-04-01  
[30] US (09/164,613) 1998-10-01

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[21] **2,282,975**  
[13] A1

[51] **Int.Cl. 6G05B 11/06 6G05D 23/19**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING THE AMOUNT OF POWER SUPPLIED TO A CONDITIONING DEVICE**  
[54] **METHODE ET APPAREIL POUR CONTROLER LA QUANTITE DE POUDDRE ALIMENTANT UN DISPOSITIF DE CONDITIONNEMENT**  
[72] THIBEAULT, PIERRE, CA  
[72] COUTURE, ROLAND, CA  
[72] HANDFIELD, LOUIS, CA  
[71] HYDRO-QUEBEC, CA  
[22] 1999-09-22  
[43] 2000-03-29  
[30] US (09/161,706) 1998-09-29

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Canadian Laid-Open Applications  
March 26, 2000 - April 1, 2000

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[21] **2,282,996**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/38 6H04M 11/00 6H04Q 7/24**  
[25] EN  
[54] **RADIO COMMUNICATIONS DEVICE AND METHOD WITH API BETWEEN USER APPLICATION PROGRAM AND TELEPHONY PROGRAM AND METHOD**  
[54] **DISPOSITIF ET METHODE DE RADIOCOMMUNICATION AVEC API ENTRE LE PROGRAMME D'APPLICATION UTILISATEUR ET UN PROGRAMME ET UNE METHODE DE TELEPHONIE**  
[72] MATHIS, JAMES E., US  
[71] MOTOROLA, INC., US  
[22] 1999-09-22  
[43] 2000-03-28  
[30] US (09/161,817) 1998-09-28

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[21] **2,283,000**  
[13] A1  
[51] **Int.Cl. 6H05B 6/64 6B29C 35/08 6B29C 65/14**  
[25] EN  
[54] **DEVICE AND METHOD OF HEATING COMPONENTS MADE OF MICROWAVE ABSORBING PLASTIC**  
[54] **DISPOSITIF ET METHODE POUR CHAUFFER DES COMPOSANTS EN PLASTIQUE ABSORBEUR D'HYPERFREQUENCES**  
[72] EMMERICH, RUDOLF, DE  
[72] MUGGE, HORST, DE  
[72] JAUSS, MICHAEL, DE  
[72] DOMMER, ARMIN, DE  
[71] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[71] MUGGE ELECTRONIC, DE  
[71] ARMIN DOMMER, DE  
[22] 1999-09-22  
[43] 2000-03-29  
[30] DE (198 44 549.0) 1998-09-29

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[21] **2,283,004**  
[13] A1  
[51] **Int.Cl. 6H01M 8/24**  
[25] EN  
[54] **FUEL CELL AND SEPARATOR FOR FUEL CELL**  
[54] **PILE A COMBUSTIBLE ET SEPARATION POUR PILE A COMBUSTIBLE**  
[72] MATSUKAWA, MASANORI, JP  
[72] MIZUNO, MASAHIRO, JP  
[71] AISIN TAKAOKA CO., LTD., JP  
[71] NIPPON CHEMICAL DENSHI CO., LTD., JP  
[22] 1999-09-22  
[43] 2000-03-30  
[30] JP (10-277068) 1998-09-30

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[21] **2,283,018**  
[13] A1  
[51] **Int.Cl. 6C09K 3/00**  
[25] EN  
[54] **PACKAGE FOR SAFE STORAGE OF ELECTROPHILIC FLUORINATING AGENT**  
[54] **EMBALLAGE POUR L'ENTREPOSAGE SECURITAIRE D'AGENTS DE FLUORATION ELECTROPHILES**  
[72] WOYTEK, ANDREW JOSEPH, US  
[72] PROZONIC, FRANK MICHAEL, US  
[72] SYVRET, ROBERT GEORGE, US  
[72] HART, JAMES JOSEPH, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1999-09-22  
[43] 2000-03-29  
[30] US (09/162,281) 1998-09-29

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[21] **2,283,024**  
[13] A1  
[51] **Int.Cl. 6H03K 17/08 6H02H 7/20 6B60Q 1/28**  
[25] EN  
[54] **PROTECTION FROM OVERHEATING OF A SWITCHING TRANSISTOR THAT DELIVERS CURRENT TO A DAYTIME RUNNING LIGHT ON A VEHICLE**  
[54] **PROTECTION CONTRE LES SURCHAUFFES D'UN TRANSISTOR DE COMMUTATION ALIMENTANT LES FEUX DE JOUR D'UN VEHICULE**  
[72] NAKAYAMA, KIYOHUMI, JP  
[72] VILKINOFKY, JOHN W., US  
[72] KUBOZUKA, SHINICHI, JP  
[72] ONOZATO, YASUNOBU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[71] MITSUBA CORPORATION, JP  
[22] 1999-09-22  
[43] 2000-03-30  
[30] US (09/164,032) 1998-09-30

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[21] **2,283,030**  
[13] A1  
[51] **Int.Cl. 6B60S 1/04 6A47L 13/022 6A47L 1/06**  
[25] EN  
[54] **SCRAPER**  
[54] **GRATTOIR**  
[72] MITCHELL, DAVID, CA  
[71] MITCHELL, DAVID, CA  
[22] 1999-09-22  
[43] 2000-03-28  
[30] US (09/161,620) 1998-09-28

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[21] **2,283,035**  
[13] A1  
[51] **Int.Cl. 6B42D 15/02**  
[25] EN  
[54] **DECORATIVE POP OUT CARD ACCESSORY FOR GIFTS**  
[54] **ACCESSOIRE DECORATIF POUR CARTES CADEAUX TRIDIMENSIONNELLES**  
[72] RAMIREZ, JAMES R., US  
[71] HALLMARK CARDS, INCORPORATED, US  
[22] 1999-09-23  
[43] 2000-03-29  
[30] US (09/162,809) 1998-09-29

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,283,038**  
[13] A1

[51] **Int.Cl. 6B60B 39/00**  
[25] EN  
[54] **TRACTION DEVICE**  
[54] **DISPOSITIF DE TRACTION**  
[72] MORIN, ROBERT M., JR., US  
[71] C.R.M. ENTERPRISES, INC., US  
[22] 1999-09-23  
[43] 2000-03-30  
[30] US (09/163,408) 1998-09-30

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[21] **2,283,045**  
[13] A1

[51] **Int.Cl. 6G06F 11/30**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR ENVIRONMENTAL SENSING AND CONTROL WITHIN A COMPUTER SYSTEM**  
[54] **METHODE ET SYSTEME DE DETECTION ET DE CONTROLE ENVIRONNEMENTAL DANS UN SYSTEME INFORMATIQUE**  
[72] DURON, MIKE C., US  
[72] SZABO, KURT P., US  
[72] SHERPERT, CRAIG H., US  
[72] McLAUGHLIN, CHARLES A., US  
[72] AHRENS, GEORGE H., US  
[72] FAUST, ROBERT A., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-09-23  
[43] 2000-04-01  
[30] US (09/165,161) 1998-10-01

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[21] **2,283,047**  
[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04L 12/56**  
[25] EN  
[54] **CONNECTION ROUTE EXCHANGE APPARATUS**  
[54] **APPAREILLAGE DE COMMUTATION DE TRAJET DE CONNEXION**  
[72] MASUO, HITOSHI, JP  
[71] NEC CORPORATION, JP  
[22] 1999-09-23  
[43] 2000-03-29  
[30] JP (274894/1998) 1998-09-29

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[21] **2,283,054**  
[13] A1

[51] **Int.Cl. 6A61D 7/00**  
[25] EN  
[54] **PELLET IMPLANT SYSTEM FOR IMMEDIATE AND DELAYED RELEASE OF ANTIPARASITIC DRUG**  
[54] **SYSTEME D'IMPLANTATION DE COMPRIMES POUR LA LIBERATION IMMEDIATE OU LENTE D'UN MEDICAMENT PARASITICIDE**  
[72] KENISON, DALE C., US  
[72] SPURLIN, STANFORD R., US  
[71] IVY ANIMAL HEALTH, INC., US  
[22] 1999-09-23  
[43] 2000-03-30  
[30] US (09/163,646) 1998-09-30

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[21] **2,283,110**  
[13] A1

[51] **Int.Cl. 6B65D 33/36 6B65D 33/24**  
[25] EN  
[54] **RECLOSABLE CONTAINER ARRANGEMENT**  
[54] **CONTENANT REUTILISABLE**  
[72] KINIGAKIS, PANAGIOTIS, US  
[72] LANGER, CHRISTIE LYNN, US  
[71] KRAFT FOODS, INC., US  
[22] 1999-09-23  
[43] 2000-03-29  
[30] US (162,794) 1998-09-29

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[21] **2,283,121**  
[13] A1

[51] **Int.Cl. 6H01R 4/24 6H01R 13/52**  
[25] EN  
[54] **BALANCED WIRE CONNECTOR**  
[54] **CONNECTEUR DE FILS SYMETRIQUE**  
[72] BROWER, BOYD G., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-09-23  
[43] 2000-04-01  
[30] US (09/164,783) 1998-10-01

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[21] **2,283,350**  
[13] A1

[51] **Int.Cl. 6A61K 35/78 6A61M 5/44**  
[25] EN  
[54] **METHOD OF PREPARING PHARMACEUTICAL ARTEMISIA EXTRACT AND APPARATUS FOR ELECTRICAL MOXIBUSTION USING THE EXTRACT**  
[54] **METHODE DE PREPARATION D'EXTRAIT D'ARTEMISIA PHARMACEUTIQUE ET APPAREIL POUR LA MOXIBUSTION ELECTRIQUE UTILISANT L'EXTRAIT**  
[72] JO, BONG KWAN, KR  
[71] KIJANG MEDICAL CO., KR  
[22] 1999-09-23  
[43] 2000-03-26  
[30] KR (98-40122) 1998-09-26  
[30] KR (99-36073) 1999-08-28

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[21] **2,283,351**  
[13] A1

[51] **Int.Cl. 6B01D 17/028 6B03C 5/02 6C10G 33/02 6C10G 33/06**  
[25] EN  
[54] **ELECTROSTATIC/MECHANICAL EMULSION TREATING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE TRAITEMENT D'EMULSION ELECTROSTATIQUE/MECANIQUE**  
[72] BUCHANAN, VINCENT P., US  
[71] KVAERNER PROCESS SYSTEMS, INC., CA  
[22] 1999-09-23  
[43] 2000-04-01  
[30] US (09/164,813) 1998-10-01

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[21] **2,283,362**  
[13] A1

[51] **Int.Cl. 6A61B 17/11**  
[25] EN  
[54] **ANASTOMOSIS INSTRUMENT AND METHOD**  
[54] **INSTRUMENT ET METHODE POUR PRATIQUER UNE ANASTOMOSE**  
[72] SMITH, ROBERT C., US  
[72] NICHOLAS, DAVID A., US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[22] 1999-09-24  
[43] 2000-03-28  
[30] US (60/102,326) 1998-09-28  
[30] US (09/256,260) 1999-02-23

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Canadian Laid-Open Applications  
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[21] **2,283,364**  
[13] A1  
[51] **Int.Cl. 6H04N 1/32 6A61B 6/00 6G01N 23/00 6A61B 5/055 6G01R 33/44**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CAPTURING AND AUTOMATICALLY TRANSFERRING AN X-RAY IMAGE TO A REMOTE LOCATION**  
[54] **METHODE ET APPAREIL DE SAISIE ET DE TRANSFERT AUTOMATIQUE D'IMAGES RADIOLOGIQUES A DES EMBLEMES ELOIGNES**  
[72] JOHNSON, JOHN ANDREW, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 1999-09-24  
[43] 2000-03-30  
[30] US (09/163,497) 1998-09-30

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[21] **2,283,372**  
[13] A1  
[51] **Int.Cl. 6H02G 3/06**  
[25] EN  
[54] **CONDUIT CONNECTOR PROVIDING DUAL DIAMETER END STOPS**  
[54] **CONNECTEUR OFFRANT DEUX DIAMETRES DE SORTIE**  
[72] COLE, J. LAWRENCE, US  
[72] MARIK, GREGORY C., US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 1999-09-24  
[43] 2000-03-29  
[30] US (60/102,284) 1998-09-29

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[21] **2,283,522**  
[13] A1  
[51] **Int.Cl. 6C02F 5/14**  
[25] EN  
[54] **METHOD FOR CONTROLLING SCALE USING SYNERGISTIC PHOSPHONATE BLENDS**  
[54] **METHODE POUR CONTROLER LA FORMATION DE TARTRE A L'AIDE DE MELANGES SYNERGIQUES DE PHOSPHONATES**  
[72] FAILON, BRIAN K., US  
[72] GABRIEL, ROBERT G., US  
[71] ALBRIGHT & WILSON AMERICAS INC., US  
[22] 1999-09-24  
[43] 2000-04-01  
[30] US (09/164,811) 1998-10-01  
[30] US (09/237.160) 1999-01-25

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[21] **2,283,533**  
[13] A1  
[51] **Int.Cl. 6E05F 15/10**  
[25] EN  
[54] **MOVABLE BARRIER OPERATOR**  
[54] **DISPOSITIF DE FERMETURE DE PORTE MOBILE**  
[72] FITZGIBBON, JAMES J., US  
[72] WANIS, PAUL E., US  
[72] WILLMOTT, COLIN B., US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[22] 1999-09-24  
[43] 2000-03-28  
[30] US (161,840) 1998-09-28

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[21] **2,283,534**  
[13] A1  
[51] **Int.Cl. 6F16K 1/02 6F16K 27/02 6F16K 31/50**  
[25] EN  
[54] **A TAP**  
[54] **ROBINET**  
[72] MILLER, IAN ALLAN, AU  
[71] CAROMA INDUSTRIES LIMITED, AU  
[22] 1999-09-24  
[43] 2000-03-28  
[30] AU (PP6205) 1998-09-28

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[21] **2,283,540**  
[13] A1  
[51] **Int.Cl. 6C12N 15/13 6C12Q 1/00 6C12N 5/18 6C07K 16/28 6A61K 39/395 6C07K 16/46 6C12N 15/66**  
[25] EN  
[54] **ANTI-FAS ANTIBODIES**  
[54] **ANTICORPS ANTI-FAS**  
[72] NAKAHARA, KAORI, JP  
[72] TAKAHASHI, TOHRU, JP  
[72] SERIZAWA, NOBUFUSA, JP  
[72] TAMAKI, IKUKO, JP  
[72] HARUYAMA, HIDEYUKI, JP  
[71] SANKYO COMPANY, LIMITED, JP  
[22] 1999-09-29  
[43] 2000-03-30  
[30] JP (10-276881) 1998-09-30  
[30] JP (10-276882) 1998-09-30

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[21] **2,283,550**  
[13] A1  
[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **DISPOSABLE PULL-ON DIAPER**  
[54] **COUCHE JETABLE A ENFILER**  
[72] OTSUBO, TOSHIFUMI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-09-24  
[43] 2000-03-30  
[30] JP (10-278343) 1998-09-30

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[21] **2,283,555**  
[13] A1  
[51] **Int.Cl. 6F16L 47/06 6F16L 21/035 6F16L 37/08**  
[25] EN  
[54] **METAL TO PLASTIC PIPE TRANSITION FITTING**  
[54] **RACCORD DE TRANSITION METALLIQUE DE TUYAU EN PLASTIQUE**  
[72] SPRINGER, RICHARD E., US  
[71] CENTRAL PLASTICS COMPANY, US  
[22] 1999-09-24  
[43] 2000-03-28  
[30] US (09/162,371) 1998-09-28

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[21] **2,283,601**  
[13] A1  
[51] **Int.Cl. 6E21B 43/11 6E21B 43/263**  
[25] EN  
[54] **SHAPED CHARGE FOR LARGE DIAMETER PERFORATIONS**  
[54] **CHARGE FORMEE POUR PERFORATIONS DE GRAND DIAMETRE**  
[72] HETZ, AVIGDOR, IL  
[72] MAYSELESS, MEIR, IL  
[71] WESTERN ATLAS INTERNATIONAL, INC., US  
[22] 1999-09-27  
[43] 2000-03-30  
[30] US (09/163,720) 1998-09-30

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,283,602**  
[13] A1

[51] **Int.Cl. 6B66B 11/04 6B66B 5/00 6B66B 7/00 6B66B 13/24**  
[25] EN  
[54] **EMERGENCY RELEASE DEVICE**  
[54] **DISPOSITIF DE DEBLOCAGE D'URGENCE**  
[72] WEGENER, DIETRICH, CH  
[72] KOCHER, HANS, CH  
[71] INVENTIO AG, CH  
[22] 1999-09-27  
[43] 2000-03-28  
[30] CH (1998 1970/98) 1998-09-28

[21] **2,283,603**  
[13] A1

[51] **Int.Cl. 6F04B 53/08 6F04B 47/06**  
[25] EN  
[54] **FORCED CLOSED-LOOP COOLING FOR A SUBMERSIBLE PUMP MOTOR**  
[54] **REFROIDISSEMENT FORCE A BOUCLE FERMEE POUR MOTEUR DE POMPE SUBMERSIBLE**  
[72] CRONIN, RICHARD J., US  
[72] BEHNKE, PAUL W., US  
[71] INGERSOLL-DRESSER PUMP COMPANY, US  
[22] 1999-09-27  
[43] 2000-04-01  
[30] US (09/164,314) 1998-10-01

[21] **2,283,609**  
[13] A1

[51] **Int.Cl. 6H04L 12/26 6H04L 12/24**  
[25] EN  
[54] **ALARM INDICATION SIGNAL DETECTION IN THE PRESENCE OF SPECIAL LINE CODES IN DS1 (T1) TELEPHONE CIRCUITS**  
[54] **DETECTION DE SIGNAL D'INDICATION D'ALARME EN PRESENCE DE CODES DE LIGNE SPECIAUX SUR DES CIRCUITS TELEPHONIQUE DS1 (T1)**  
[72] VARTHANAN, BALARAJ VISHNU, IN  
[72] BARTHOLOMAY, WILLIAM G., US  
[72] BHATTACHARYA, SANTANU, US  
[72] YADAV, PUSHKAL, IN  
[71] TRANSWITCH CORPORATION, US  
[22] 1999-09-27  
[43] 2000-03-28  
[30] US (09/161,906) 1998-09-28

[21] **2,283,611**  
[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04M 11/06**  
[25] EN  
[54] **METHODS AND APPARATUS FOR HANDLING MAINTENANCE MESSAGES IN EXTENDED SUPERFRAME T1 TELEPHONE CIRCUITS**  
[54] **METHODES ET DISPOSITIF DE PRISE EN CHARGE DES MESSAGES DE MAINTENANCE DANS DES CIRCUITS TELEPHONIQUE T1 ~ FORMAT DE SUPERTRAME ETENDU**  
[72] BHATTACHARYA, SANTANU, IN  
[72] YADAV, PUSHKAL, IN  
[72] BARTHOLOMAY, WILLIAM G., US  
[72] VARTHANAN, BALARAJ VISHNU, IN  
[71] TRANSWITCH CORPORATION, US  
[22] 1999-09-27  
[43] 2000-03-28  
[30] US (09/161,907) 1998-09-28

[21] **2,283,612**  
[13] A1

[51] **Int.Cl. 6E05B 15/00**  
[25] EN  
[54] **LEVER HANDLE DOOR LOCK WITH ADAPTER**  
[54] **SERRURE DE PORTE A BEC-DE-CANNE AVEC ADAPTATEUR**  
[72] SHOR, ILYA, US  
[71] ARROW LOCK MANUFACTURING COMPANY, US  
[22] 1999-09-27  
[43] 2000-03-28  
[30] US (09/162,640) 1998-09-28

[21] **2,283,614**  
[13] A1

[51] **Int.Cl. 6B29C 45/64**  
[25] EN  
[54] **STACK MOLD LINKAGE WITH UNEQUAL STROKES**  
[54] **LIAISON MECANIQUE D'EMPILAGE DE MOULES AVEC FRAPPES IRREGULIERES**  
[72] SCHAD, ROBERT D., CA  
[72] TENG, ALEX, CA  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[22] 1999-09-27  
[43] 2000-04-01  
[30] US (09/164,685) 1998-10-01

[21] **2,283,623**  
[13] A1

[51] **Int.Cl. 6B61B 12/00 6B61B 10/02 6B65G 47/60**  
[25] EN  
[54] **CHAIR-LIFT INSTALLATION WITH A CONVEYING BELT FOR CONVEYING SKIERS INTO THE BOARDING REGION OF THIS INSTALLATION**  
[54] **INSTALLATION DE TELESIEGE AVEC COURROIE DE TRANSPORT DES SKIEURS JUSQU'A LA ZONE D'ATTENTE DE CETTE INSTALLATION**  
[72] SCHMIDINGER, KLAUS, AT  
[72] ZIMMERMANN, DIETER, AT  
[71] ZIMMERMANN, DIETER, AT  
[71] KONRAD DOPPELMAYR & SOHN MASCHINENFABRIK GESELLSCHAFT M.B.H. & CO. KG, AT  
[22] 1999-09-27  
[43] 2000-04-01  
[30] AT (A 1640/98) 1998-10-01

[21] **2,283,625**  
[13] A1

[51] **Int.Cl. 6B63H 20/28**  
[25] EN  
[54] **COOLING DEVICE IN OUTBOARD ENGINE SYSTEM**  
[54] **DISPOSITIF DE REFROIDISSEMENT DE SYSTEME DE MOTEUR HORS BORD**  
[72] MIYAKE, MAKOTO, JP  
[72] MIZUGUCHI, HIROSHI, JP  
[72] MURATA, HIROYUKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-09-27  
[43] 2000-03-28  
[30] JP (10-273881) 1998-09-28

[21] **2,283,866**  
[13] A1

[51] **Int.Cl. 6G06F 17/30 6G04B 47/00 6G01S 5/14**  
[25] EN  
[54] **WATCH COMPRISING AN ELECTRONIC TOURIST GUIDE**  
[54] **MONTRE COMPORTANT UN GUIDE TOURISTIQUE ELECTRONIQUE**  
[72] HAYEK, GEORGES NICOLAS, CH  
[72] MULLER, JACQUES, CH  
[71] THE SWATCH GROUP MANAGEMENT SERVICES AG, CH  
[22] 1999-09-27  
[43] 2000-03-28  
[30] CH (1971/98) 1998-09-28



Canadian Laid-Open Applications  
March 26, 2000 - April 1, 2000

---

[21] **2,283,875**  
[13] A1  
[51] **Int.Cl. 6H02K 9/19 6H02K 17/00**  
[25] FR  
[54] **MACHINE ELECTRIQUE ASYNCHRONES REFROIDIE PAR LIQUIDE**  
[54] **FLUID-COOLED ASYNCHRONOUS ELECTRIC MOTOR**  
[72] ZYSSET, ERNST, CH  
[71] THE SWATCH GROUP MANAGEMENT SERVICES AG, CH  
[22] 1999-09-27  
[43] 2000-03-28  
[30] EP (98118291.8) 1998-09-28

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[21] **2,283,879**  
[13] A1  
[51] **Int.Cl. 6E06B 9/42**  
[25] EN  
[54] **LOCKING DEVICE**  
[54] **DISPOSITIF DE BLOCAGE**  
[72] WELFONDER, KONRAD, DE  
[71] HUNTER DOUGLAS INTERNATIONAL N.V., NL  
[22] 1999-09-27  
[43] 2000-03-28  
[30] EP (98203222.9) 1998-09-28

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[21] **2,283,883**  
[13] A1  
[51] **Int.Cl. 6B29C 47/20 6B29D 23/00 6B29C 59/02**  
[25] EN  
[54] **APPARATUS FOR THE EXTRUSION OF PLASTIC PIPES OR PROFILES**  
[54] **EXTRUDEUSE DE TUYAUX OU DE PROFILES EN MATIERE PLASTIQUE**  
[72] SCHWAIGER, MEINHARD, AT  
[72] MAYRHOFER, FRANZ, AT  
[71] TECHNOPLAST KUNSTSTOFFTECHNIK GMBH, AT  
[22] 1999-09-27  
[43] 2000-03-29  
[30] AT (GM 633/98) 1998-09-29

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[21] **2,283,895**  
[13] A1  
[51] **Int.Cl. 6B26D 7/26**  
[25] EN  
[54] **BLADE-REPLACEABLE CUTTER**  
[54] **OUTIL DE COUPE A LAME REMPLACABLE**  
[72] ITAYA, SEIZO, JP  
[72] MANTANI, TETSURO, JP  
[72] TANAKA, NARIHITO, JP  
[71] KANEFUSA KABUSHIKI KAISHA, JP  
[22] 1999-09-27  
[43] 2000-03-28  
[30] JP (10/272914) 1998-09-28

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[21] **2,283,918**  
[13] A1  
[51] **Int.Cl. 6H04N 5/30**  
[25] EN  
[54] **AN IMAGING APPARATUS WITH VIDEO DATA TRANSMISSION**  
[54] **APPAREIL D'IMAGERIE A TRANSMISSION DE DONNEES VIDEO**  
[72] SHINOHARA, TOSHIKI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-09-27  
[43] 2000-03-28  
[30] JP (10-274011) 1998-09-28

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[21] **2,283,960**  
[13] A1  
[51] **Int.Cl. 6H04M 3/42**  
[25] EN  
[54] **METHOD, SERVER, AND TERMINAL FOR MODIFYING SERVICE DATA STORED IN A SERVER**  
[54] **METHODE, SERVEUR ET TERMINAL UTILISES POUR FINS DE MODIFICATION DE DONNEES STOCKEES DANS UN SERVEUR**  
[72] SIEGMUND, GERD, DE  
[71] ALCATEL, FR  
[22] 1999-09-27  
[43] 2000-04-01  
[30] DE (198 45 272.1) 1998-10-01

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[21] **2,283,974**  
[13] A1  
[51] **Int.Cl. 6H02J 1/00**  
[25] EN  
[54] **CONSTANT IONIZING CURRENT**  
[54] **COURANT IONISANT CONSTANT**  
[72] HUGHEY, DANIEL C., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-09-27  
[43] 2000-03-30  
[30] US (60/102,584) 1998-09-30

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[21] **2,283,984**  
[13] A1  
[51] **Int.Cl. 7C08F 283/12**  
[25] EN  
[54] **OPTICALLY TRANSPARENT HYDROGELS AND PROCESSES FOR THEIR PRODUCTION**  
[54] **HYDROGELS OPTIQUEMENT TRANSPARENTS ET PROCEDES POUR LEUR PRODUCTION**  
[72] FRUZZETTI, GIANCARLO, US  
[72] VANDERLAAN, DOUGLAS G., US  
[72] MOLOCK, FRANK, US  
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US  
[22] 1999-09-28  
[43] 2000-03-30  
[30] US (09/163693) 1998-09-30

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[21] **2,283,987**  
[13] A1  
[51] **Int.Cl. 7C07F 7/08 7C08K 5/54**  
[25] EN  
[54] **SULFANYLSILANES**  
[54] **SULFANYLSILANES**  
[72] BATZ-SOHN, CHRISTOPH, DE  
[72] LUGINSLAND, HANS-DETLEF, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-09-28  
[43] 2000-03-29  
[30] DE (198 44 607.1) 1998-09-29

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[21] **2,283,989**  
[13] A1  
[51] **Int.Cl. 6B29C 55/00 6B29D 9/00 6B29C 55/04 6B29C 47/06 6B32B 7/12**  
[25] EN  
[54] **MULTILAYERED FILM**  
[54] **FILM MULTICOUCHE**  
[72] SHIMO, HIROYUKI, JP  
[72] HAYASHI, NAHOTO, JP  
[71] KURARAY CO., LTD., JP  
[22] 1999-09-27  
[43] 2000-03-28  
[30] JP (10-272683) 1998-09-28  
[30] JP (11-58245) 1999-03-05

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[21] **2,283,999**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **PACKET PROCESSING APPARATUS, PACKET PROCESSING METHOD, AND PACKET EXCHANGE**  
[54] **APPAREIL DE TRAITEMENT DE PAQUETS, METHODE DE TRAITEMENT DE PAQUETS ET ECHANGE DE PAQUETS**  
[72] YAMASHITA, MIKIHARU, JP  
[72] AMAGAI, TATSUHIKO, JP  
[72] ARAMIZU, TATSUO, JP  
[71] NEC CORPORATION, JP  
[22] 1999-09-28  
[43] 2000-03-29  
[30] JP (276161/1998) 1998-09-29

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[21] **2,284,003**  
[13] A1

[51] **Int.Cl. 6C12M 1/12 6C12M 1/42**  
[25] EN  
[54] **CULTIVATING APPARATUS WITH STERILIZING LAMP**  
[54] **APPAREIL DE CULTURE AVEC LAMPE DE STERILISATION**  
[72] TAMAOKI, YUICHI, JP  
[72] BUSUJIMA, HIROKI, JP  
[72] SAGA, TADAHISA, JP  
[72] MIYOSHI, TETSUYA, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 1999-09-28  
[43] 2000-03-29  
[30] JP (H10-274881) 1998-09-29  
[30] JP (H10-274882) 1998-09-29  
[30] JP (H11-032814) 1999-02-10

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[21] **2,284,013**  
[13] A1

[51] **Int.Cl. 6B65F 1/06**  
[25] EN  
[54] **PACKAGING AND DISPOSAL SYSTEM**  
[54] **SYSTEME D'EMBALLAGE ET D'ELIMINATION**  
[72] JACOBY, CHARLES J., US  
[72] HICKMAN, JOHN R., US  
[72] GALLO, MICHAEL J., US  
[71] PLAYTEX PRODUCTS, INC., US  
[22] 1999-09-28  
[43] 2000-03-29  
[30] US (09/162,580) 1998-09-29

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[21] **2,284,029**  
[13] A1

[51] **Int.Cl. 6H05B 41/38**  
[25] EN  
[54] **OPERATION CIRCUIT IN PARTICULAR FOR DISCHARGE LAMPS USING DISCRETE TIME DEFINITION VALUES TO CONTROL OPERATION STATE SWITCHING**  
[54] **CIRCUIT DE COMMANDE, NOTAMMENT POUR LES LAMPES A DECHARGE, FAISANT APPEL A DES VALEURS TEMPORELLES DISCRETES POUR COMMANDER LA COMMUTATION D'ETAT**  
[72] CANTONE, GIUSEPPE, IT  
[72] FISCHER, KLAUS, DE  
[72] GARIBOLDI, ROBERTO, IT  
[71] STMICROELECTRONICS S.R.L., IT  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE  
[22] 1999-09-28  
[43] 2000-03-29  
[30] EP (98118405.4) 1998-09-29

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[21] **2,284,046**  
[13] A1

[51] **Int.Cl. 6A63C 17/06 6A43B 5/16**  
[25] EN  
[54] **SKATE**  
[54] **PATIN**  
[72] GORZA, ROBERTO, IT  
[71] BENETTON GROUP S.P.A., IT  
[22] 1999-09-28  
[43] 2000-03-30  
[30] IT (TO98U000039) 1998-09-30

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[21] **2,284,071**  
[13] A1

[51] **Int.Cl. 6C03C 6/02**  
[25] EN  
[54] **METHOD FOR PRODUCING GLASS SANDS AND SYSTEM THEREFOR**  
[54] **METHODE DE PRODUCTION DE SABLES DE VERRERIE ET SYSTEME UTILISE POUR CELLE-CI**  
[72] HARADA, YOSHINORI, JP  
[71] KANETO CO., LTD., JP  
[22] 1999-09-27  
[43] 2000-03-30  
[30] JP (277795/1998) 1998-09-30

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[21] **2,284,113**  
[13] A1

[51] **Int.Cl. 6B62J 6/04 6B60Q 1/30**  
[25] EN  
[54] **VEHICLE LAMP**  
[54] **FEU DE VEHICULE**  
[72] WERNER, HERMANN, DE  
[71] FER FAHRZEUGELEKTRIK GMBH, DE  
[22] 1999-09-28  
[43] 2000-03-29  
[30] DE (198 44 715.9) 1998-09-29

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[21] **2,284,123**  
[13] A1

[51] **Int.Cl. 6E04G 7/00 6E04G 5/06**  
[25] EN  
[54] **A VERTICAL SCAFFOLD TUBE HAVING IMPROVED LOAD-BEARING CAPACITY**  
[54] **ECHAFFAUDAGE TUBULAIRE VERTICAL AYANT UNE MEILLEURE FORCE PORTANTE**  
[72] KERRUTH, MICHAEL, DE  
[72] HENGSTENBERG, ROLF, DE  
[71] PLETTAC AG, DE  
[22] 1999-09-28  
[43] 2000-03-29  
[30] DE (198 44 613.6) 1998-09-29

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[21] **2,284,128**  
[13] A1

[51] **Int.Cl. 6A47J 43/046**  
[25] EN  
[54] **LIQUIFIER**  
[54] **LIQUEFACTEUR**  
[72] KUBICZ, EDWARD M., US  
[71] HP INTELLECTUAL CORP., US  
[22] 1999-09-28  
[43] 2000-03-30  
[30] US (09/164,036) 1998-09-30

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Canadian Laid-Open Applications  
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[21] **2,284,139**  
[13] A1  
[51] **Int.Cl. 6C01G 49/00 6B22F 1/00 6H01F 1/00 6H01F 3/08**  
[25] EN  
[54] **FLAT-PARTICLE IRON POWDER, METHOD FOR MAKING THE SAME AND POWDER MAGNETIC CORE USING THE SAME**  
[54] **POUDRE DE PLAQUETTES DE FER, METHODE POUR SA PRODUCTION ET NOYAU MAGNETIQUE A BASE DE CETTE POUDRE**  
[72] HISHIKI, HIDEO, JP  
[72] MURAI, TSUNEO, JP  
[72] OGURA, KUNIAKI, JP  
[72] YASHIRO, TSUTOMU, JP  
[72] OZAKI, YUKIKO, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[71] VICTOR COMPANY OF JAPAN, LIMITED, JP  
[22] 1999-09-28  
[43] 2000-03-30  
[30] JP (10-277878) 1998-09-30

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[21] **2,284,140**  
[13] A1  
[51] **Int.Cl. 6A63F 9/24 6G06F 9/445**  
[25] EN  
[54] **ELECTRONIC GAME LICENSING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE DELIVRANCE DE LICENCES DE JEUX ELECTRONIQUES**  
[72] CASS, MARK R., US  
[72] LAM, MARK Y., US  
[72] SAFFARI, ALI M., US  
[72] CROWDER, ROBERT W., US  
[71] INTERNATIONAL GAME TECHNOLOGY, US  
[22] 1999-09-28  
[43] 2000-04-01  
[30] US (09/164,861) 1998-10-01

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[21] **2,284,151**  
[13] A1  
[51] **Int.Cl. 6B60P 3/34 6B60P 3/39**  
[25] EN  
[54] **FOLDING TRAILER WITH EXPANDABLE BED ASSEMBLY**  
[54] **CARAVANE PLIANTE AVEC ENSEMBLE DE LIT EXTENSIBLE**  
[72] RECKNER, CHARLES R., JR., US  
[71] FLEETWOOD FOLDING TRAILERS, INC., US  
[22] 1999-09-28  
[43] 2000-03-30  
[30] US (60/102,522) 1998-09-30

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[21] **2,284,160**  
[13] A1  
[51] **Int.Cl. 6G01R 33/09 6G01R 33/44**  
[25] EN  
[54] **THIN-FILM STRUCTURE OF A MAGNETIC FIELD SENSOR WITH A MAGNETORESISTIVE MULTILAYER SYSTEM HAVING ELECTRON SCATTERING SPIN DEPENDENCY**  
[54] **STRUCTURE A COUCHE MINCE D'UN CAPTEUR DE CHAMP MAGNETIQUE AVEC SYSTEME MULTICOUCHE MAGNETORESISTANT DONT LA DIFFUSION ELECTRONIQUE EST DEPENDANTE DU SPIN**  
[72] VAN DEN BERG, HUGO, DE  
[72] PERSAT, NATHALIE, NL  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[22] 1999-09-28  
[43] 2000-03-30  
[30] DE (198 44 890.2) 1998-09-30

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[21] **2,284,172**  
[13] A1  
[51] **Int.Cl. 6B41F 27/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FITTING A PRINTING PLATE TO A PLATE CYLINDER**  
[54] **METHODE ET APPAREIL POUR ASSEMBLER UN CLICHE A UNE PLAQUE CYLINDRIQUE**  
[72] PETERSEN, GODBER, DE  
[72] DILLING, PEER, DE  
[72] DAUER, HORST, DE  
[72] SCHNEIDER, JOSEF, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 1999-09-28  
[43] 2000-03-29  
[30] DE (198 44 560.1) 1998-09-29

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[21] **2,284,210**  
[13] A1  
[51] **Int.Cl. 6A61M 25/02**  
[25] EN  
[54] **DISPOSABLE KIT FOR SECURING AN I.V. CATHETER**  
[54] **TROUSSE JETABLE POUR LA FIXATION D'UN CATHETER D'IV**  
[72] BROWN, WILLIAM S., JR., US  
[72] BROWN, BENJAMIN C., US  
[71] BROWN, WILLIAM S., JR., US  
[71] BROWN, BENJAMIN C., US  
[22] 1999-09-28  
[43] 2000-03-28  
[30] US (60/102,015) 1998-09-28  
[30] US (295,486) 1999-04-20

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[21] **2,284,234**  
[13] A1  
[51] **Int.Cl. 6F25D 29/00 6G01R 22/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PREDICTING POWER CONSUMPTION OF REFRIGERATOR HAVING DEFROSTING HEATER**  
[54] **METHODE ET APPAREIL POUR PREVOIR LA CONSOMMATION ELECTRIQUE D'UN REFRIGERATEUR A DEGIVREUR CHAUFFANT**  
[72] BAE, HAK GYUN, KR  
[72] PARK, YONG JONG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1999-09-28  
[43] 2000-04-01  
[30] KR (1998-41467) 1998-10-01  
[30] KR (1998-41468) 1998-10-01

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[21] **2,284,235**  
[13] A1  
[51] **Int.Cl. 6G11B 17/04**  
[25] EN  
[54] **DISK RECORDING AND/OR REPRODUCING APPARATUS**  
[54] **APPAREIL D'ENREGISTREMENT ET/OU DE LECTURE DE DISQUE**  
[72] KURAUCHI, SEIJI, JP  
[72] TANAKA, TETSUYA, JP  
[72] ONISHI, SEI, JP  
[71] SONY CORPORATION, JP  
[22] 1999-09-28  
[43] 2000-03-30  
[30] JP (P10-278277) 1998-09-30

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[21] **2,284,238**  
[13] A1  
[51] **Int.Cl. 6H04N 7/01**  
[25] EN  
[54] **VIDEO SIGNAL CONVERTER, CONVERSION METHOD OF VIDEO SIGNAL, IMAGE DISPLAY UNIT USING THEM AND TELEVISION RECEIVER**  
[54] **CONVERTISSEUR DE SIGNAL VIDEO, METHODE DE CONVERSION DE SIGNAL VIDEO, AFFICHAGE FAISANT APPEL AUX DEUX ET RECEPTEUR DE TELEVISION**  
[72] UEKI, NOBUO, JP  
[72] SOMEYA, IKUO, JP  
[72] SHIMIZU, AKIRA, JP  
[71] SONY CORPORATION, JP  
[22] 1999-09-28  
[43] 2000-03-29  
[30] JP (P10-275970) 1998-09-29

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,284,296**  
[13] A1

[51] **Int.Cl. 6A47C 1/023 6A47C 7/02**  
[25] EN  
[54] **CHAIR SEAT SLIDE**  
[54] **GLISSIERE POUR FOND DE SIEGE**  
[72] STUMPF, WILLIAM S., CA  
[71] NORTHFIELD METAL PRODUCTS LTD., CA  
[22] 1999-09-29  
[43] 2000-03-30  
[30] US (09/165,886) 1998-09-30

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[21] **2,284,302**  
[13] A1

[51] **Int.Cl. 6H04S 5/00**  
[25] EN  
[54] **METHOD FOR LOCALIZATION OF AN ACOUSTIC IMAGE OUT OF MAN'S HEAD IN HEARING A REPRODUCED SOUND VIA A HEADPHONE**  
[54] **METHODE DE LOCALISATION D'UNE IMAGE ACOUSTIQUE EN DEHORS DE LA TETE DU SUJET PENDANT L'ECOUTE D'UN SON REPRODUIT AU MOYEN D'UN CASQUE**  
[72] KOBAYASHI, WATARU, JP  
[71] A LIMITED RESPONSIBILITY COMPANY, RESEARCH NETWORK, JP  
[71] OPENHEART LTD., JP  
[22] 1999-09-29  
[43] 2000-03-30  
[30] JP (10-291348) 1998-09-30

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[21] **2,284,303**  
[13] A1

[51] **Int.Cl. 6B62D 7/18**  
[25] EN  
[54] **CLOSED CELL FOAM INSERT FOR A KING PIN/KNUCKLE ARM ASSEMBLY**  
[54] **INSERT EN CAOUTCHOUC MOUSSE CELLULAIRE POUR ENSEMBLE DE PIVOT/LEVIER DE COMMANDE DE FUSEE D'ESSIEU**  
[72] ZEBOLSKY, MICHAEL L., US  
[71] DANA CORPORATION, US  
[22] 1999-09-29  
[43] 2000-03-30  
[30] US (09/163,556) 1998-09-30

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[21] **2,284,305**  
[13] A1

[51] **Int.Cl. 6G06K 15/02 6G06F 3/12**  
[25] EN  
[54] **METHOD FOR PROFILING AND CALIBRATING A DIGITALLY CONTROLLABLE PRINTING MACHINE HAVING A PERMANENT PRINTING PLATE**  
[54] **METHODE D'ETABLISSEMENT DE PROFIL ET D'ETALONNAGE D'UNE MACHINE A IMPRIMER A COMMANDE NUMERIQUE ET AYANT UN CLICHE PERMANENT**  
[72] WEICHMANN, ARMIN, DE  
[72] ENKE, GREGOR, DE  
[72] HUBER, KARLHEINZ, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 1999-09-28  
[43] 2000-03-29  
[30] DE (198 44 495.8) 1998-09-29

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[21] **2,284,320**  
[13] A1

[51] **Int.Cl. 6G21F 9/28**  
[25] EN  
[54] **METHOD OF CHEMICAL DECONTAMINATION AND SYSTEM THEREFOR**  
[54] **METHODE DE DECONTAMINATION CHIMIQUE ET SYSTEME POUR REALISER CELLE-CI**  
[72] YOSHIKAWA, HIROO, JP  
[72] TAMAGAWA, TADASHI, JP  
[72] NAGASE, MAKOTO, JP  
[72] UETAKE, NAOHITO, JP  
[72] ISHIDA, KAZUSHIGE, JP  
[72] NAKAMURA, FUMITO, JP  
[72] ANAZAWA, KAZUMI, JP  
[71] HITACHI, LTD., JP  
[71] KURITA ENGINEERING CO., LTD., JP  
[22] 1999-09-29  
[43] 2000-03-29  
[30] JP (10-274128) 1998-09-29

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[21] **2,284,322**  
[13] A1

[51] **Int.Cl. 6C11D 1/90 6A61K 7/06 6C11D 3/18 6C11D 3/20 6C11D 1/29 6C11D 3/48 6A61K 7/50 6C11D 1/72**  
[25] EN  
[54] **POST FOAMING CLEAR GELS AND SOLUTIONS**  
[54] **GELS CLAIRS POST-MOUSSANTS ET SOLUTIONS**  
[72] VISHNUPAD, MOHAN, US  
[72] RAMIREZ, JOSE, US  
[71] IMAGINATIVE RESEARCH ASSOCIATES, INC., US  
[22] 1999-09-29  
[43] 2000-04-01  
[30] US (09/164,905) 1998-10-01

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[21] **2,284,325**  
[13] A1

[51] **Int.Cl. 6F04B 53/00 6F04B 47/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR INSTALLING A WATER WELL PUMP**  
[54] **APPAREIL ET METHODE D'INSTALLATION D'UNE POMPE DE PUIIS**  
[72] UHLENKOTT, WILLIAM, US  
[71] UHLENKOTT, WILLIAM, US  
[22] 1999-09-29  
[43] 2000-04-01  
[30] US (09/165,261) 1998-10-01

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[21] **2,284,349**  
[13] A1

[51] **Int.Cl. 6B65B 7/14**  
[25] EN  
[54] **HEAT SEALING AND CUTTING MECHANISMS AND CONTAINER FORMING APPARATUS INCORPORATING THE SAME**  
[54] **MECANISME DE DECOUPAGE ET DE SCELLAGE A CHAUD, ET APPAREIL DE FORMAGE DE CONTENANT COMPRENANT CE MECANISME**  
[72] TOBOLKA, STEFAN, CA  
[71] ARKMOUNT SYSTEMS INC., CA  
[22] 1999-09-29  
[43] 2000-03-29  
[30] US (09/162,613) 1998-09-29  
[30] US (09/216,607) 1998-12-18  
[30] US (09/307,118) 1999-05-07

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Canadian Laid-Open Applications  
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[21] **2,284,354**  
[13] A1  
[51] **Int.Cl. 6C09K 3/22**  
[25] EN  
[54] **COMPOSITIONS, METHODS, AND ARTICLES FOR TREATING FOOTING MATERIAL IN A PERFORMANCE ARENA**  
[54] **COMPOSITIONS, METHODES ET ARTICLES DE TRAITEMENT DE LA MATIERE CONSTITUANT LE SOL D'UN MANEGE**  
[72] BAIER, EDWARD KENNETH, US  
[72] DELGRECO, ANGELA GLORIA, US  
[72] KEEFER, RICHARD MACKAY, CA  
[72] MORRISON, LOWEN ROBERT JR., US  
[72] KELLY, EPHRAIM LAMAR, US  
[72] WALKER, DENNIS MARK, US  
[72] WARD, THOMAS EDWARD, US  
[72] PIOTROWSKI, STANLEY ADAM, US  
[72] GIBSON, MARY CELINE, US  
[72] GIBSON, MICHAEL STEVEN, US  
[72] HOLTHAUS, DONNA LYNN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[22] 1999-09-30  
[43] 2000-04-01  
[30] US (60/102,658) 1998-10-01

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[21] **2,284,356**  
[13] A1  
[51] **Int.Cl. 6A61M 27/00 6A61F 9/00**  
[25] EN  
[54] **DEVICE FOR INTUBATING LACRIMAL DUCTS**  
[54] **DISPOSITIF POUR INTUBER DES CONDUITS LACRYMAUX**  
[72] WHITTINGTON, WILLIAM, CA  
[72] WALSH, DAVID J., CA  
[71] WALSH MEDICAL DEVICES INC., CA  
[22] 1999-09-29  
[43] 2000-03-29  
[30] US (09/161,776) 1998-09-29

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[21] **2,284,360**  
[13] A1  
[51] **Int.Cl. 6H04L 12/56 6H04L 1/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A CONNECTIONLESS CELL SCHEDULER**  
[54] **METHODE ET APPAREIL OFFRANT UN ORDONNANCEUR CELLULAIRE SANS CONNEXIONS**  
[72] BOTTORFF, PAUL, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-09-30  
[43] 2000-04-01  
[30] US (09/164,945) 1998-10-01

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[21] **2,284,363**  
[13] A1  
[51] **Int.Cl. 6C23C 4/10 6C23C 4/04 6F01B 31/08 6C23C 4/18**  
[25] EN  
[54] **THERMAL BARRIER COATING SYSTEMS AND MATERIALS**  
[54] **SYSTEMES ET MATERIAUX DE REVETEMENT DE BOUCLIER THERMIQUE**  
[72] MALONEY, MICHAEL J., US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 1999-09-30  
[43] 2000-04-01  
[30] US (09/164,700) 1998-10-01

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[21] **2,284,367**  
[13] A1  
[51] **Int.Cl. 6H02M 7/162**  
[25] EN  
[54] **POWER-CONVERSION APPARATUS**  
[54] **APPAREIL DE CONVERSION D'ALIMENTATION**  
[72] HINO, KOJI, JP  
[71] FUJI ELECTRIC CO., LTD., JP  
[22] 1999-09-30  
[43] 2000-04-01  
[30] JP (10-279950) 1998-10-01

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[21] **2,284,375**  
[13] A1  
[51] **Int.Cl. 6B22D 11/04 6B22D 7/12**  
[25] FR  
[54] **DISPOSITIF D'INERTAGE POUR LINGOTIERE DE COULEE CONTINUE DES METAUX**  
[54] **INERTING DEVICE FOR CONTINUOUS INGOT CASTING OF METALS**  
[72] PERRIN, ERIC, FR  
[72] SALARIS, COSIMO, FR  
[72] WEISSELDINGER, EDOUARD, FR  
[71] UGINE-SAVOIE IMPHY, FR  
[71] SOCIÉTÉ ANONYME DES FORGES ET ACIÉRIES DE DILLING, DE  
[71] ASCOMETAL, FR  
[71] SOLLAC, FR  
[71] SOGEPASS, FR  
[22] 1999-09-27  
[43] 2000-03-28  
[30] FR (98 12128) 1998-09-28

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[21] **2,284,386**  
[13] A1  
[51] **Int.Cl. 6G01V 1/00**  
[25] FR  
[54] **METHODE POUR REALISER EN 3D AVANT SOMMATION, UNE MIGRATION DE DONNEES SISMIQUES**  
[54] **METHOD FOR 3D PRESTACK MIGRATION OF SEISMIC DATA**  
[72] DUQUET, BERTRAND, FR  
[72] EHINGER, ANDREAS, FR  
[72] LAILLY, PATRICK, FR  
[71] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1999-09-29  
[43] 2000-04-01  
[30] FR (98 12337) 1998-10-01

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[21] **2,284,387**  
[13] A1

[51] **Int.Cl. 6A61K 7/40 6A61K 7/48**  
[25] FR  
[54] **UTILISATION D'UN PEPTIDE PREVENANT LES REACTIONS D'INTOLERANCE DE LA PEAU, NOTAMMENT DANS DES COMPOSITIONS COSMETIQUES**  
[54] **USE OF PEPTIDE PREVENTING SKIN INTOLERANCE REACTIONS, NOTABLY IN COSMETIC COMPOUNDS**  
[72] MAHE, YANN, FR  
[72] DURANTON, ALBERT, FR  
[71] L'ORÉAL, FR  
[22] 1999-09-30  
[43] 2000-04-01  
[30] FR (98 12300) 1998-10-01

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[21] **2,284,399**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6C07H 21/00 6A61K 33/06 6A61K 31/70**  
[25] EN  
[54] **USE OF MAGNESIUM (MG2+) FOR THE PREPARATION OF A THERAPEUTIC COMPOSITION FOR TRANSFECTION OF A POLYNUCLEOTIDE INTO A CELL AND COMPOSITIONS USEFUL IN GENE THERAPY**  
[54] **UTILISATION DE MAGNESIUM (MG2+) DANS LA PREPARATION D'UNE COMPOSITION THERAPEUTIQUE POUR LA TRANSFECTION D'UN POLYNUCLEOTIDE DANS UNE CELLULE ET COMPOSITIONS UTILES POUR LA THERAPIE GENIQUE**  
[72] BRAUN, SERGE, FR  
[71] TRANSGENE N.V., FR  
[71] ASSOCIATION FRANÇAISE CONTRE LES MYOPATHIES, FR  
[22] 1999-09-29  
[43] 2000-03-30  
[30] EP (98 40 2424.0) 1998-09-30

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[21] **2,284,402**  
[13] A1

[51] **Int.Cl. 6A23L 1/24**  
[25] EN  
[54] **ONE-POT PREPARATION OF VISCOUS DRESSING PRODUCTS**  
[54] **PREPARATION DE SAUCES VISQUEUSES DANS UN RECIPIENT UNIQUE**  
[72] CROASMUN, WILLIAM R., US  
[72] MERCHANT, ZOHAR M., US  
[72] CLASS, ROBERT F., US  
[71] KRAFT FOODS, INC., US  
[22] 1999-09-29  
[43] 2000-03-30  
[30] US (60/102,454) 1998-09-30

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[21] **2,284,404**  
[13] A1

[51] **Int.Cl. 6H01M 4/24**  
[25] EN  
[54] **LITHIUM SECONDARY BATTERY**  
[54] **BATTERIE SECONDAIRE AU LITHIUM**  
[72] NEMOTO, HIROSHI, JP  
[72] KITOH, KENSHIN, JP  
[71] NGK INSULATORS, LTD., JP  
[22] 1999-09-29  
[43] 2000-04-01  
[30] JP (10-294559) 1998-10-01

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[21] **2,284,406**  
[13] A1

[51] **Int.Cl. 6A47C 7/02 6A47C 3/20**  
[25] EN  
[54] **SEAT PLATE FOR A SEAT OF ADJUSTABLE SEAT DEPTH**  
[54] **PLAQUE D'ASSISE POUR SIEGE A PROFONDEUR REGLABLE**  
[72] DAUPHIN, FRIEDRICH W., DE  
[71] DAUPHIN ENTWICKLUNGS- UND BETEILIGUNGS GMBH, DE  
[22] 1999-09-30  
[43] 2000-04-01  
[30] DE (198 45 265.9) 1998-10-01

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[21] **2,284,411**  
[13] A1

[51] **Int.Cl. 6A61F 11/00 6A47K 7/00**  
[25] EN  
[54] **EAR WAX IRRIGATION SYSTEM**  
[54] **SYSTEME D'IRRIGATION POUR OTER LE CERUMEN**  
[72] FORTE, VITO, CA  
[71] FORTE, VITO, CA  
[22] 1999-09-30  
[43] 2000-04-01  
[30] US (09/165,049) 1998-10-01

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[21] **2,284,416**  
[13] A1

[51] **Int.Cl. 6A41D 13/08 6A63B 71/14**  
[25] EN  
[54] **FINGER TIP PROTECTORS**  
[54] **PROTEGE-DOIGTS**  
[72] WANZENRIED, ERNEST, US  
[71] WANZENRIED, ERNEST, US  
[22] 1999-09-30  
[43] 2000-04-01  
[30] US (60/102,683) 1998-10-01

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[21] **2,284,420**  
[13] A1

[51] **Int.Cl. 6G02B 6/26**  
[25] EN  
[54] **ARRANGEMENT FOR ALIGNING OPTICAL COMPONENTS**  
[54] **ARRANGEMENT POUR L'ALIGNEMENT DE COMPOSANTS OPTIQUES**  
[72] MOISEL, JORG, DE  
[71] DAIMLERCHRYSLER AG, DE  
[22] 1999-09-30  
[43] 2000-04-01  
[30] DE (198 45 227.6) 1998-10-01

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[21] **2,284,422**  
[13] A1

[51] **Int.Cl. 6D06M 13/46**  
[25] EN  
[54] **FABRIC SOFTENERS WITH IMPROVED COLOR-RETAINING ACTION**  
[54] **ADOUCISSANTS POUR TISSUS AYANT UN POUVOIR DE RETENTION DES COULEURS AMELIORE**  
[72] FENDER, MICHAEL, DE  
[72] KOHLE, HANS-JURGEN, DE  
[72] WILHELM, ANJA, DE  
[71] WITCO SURFACTANTS GMBH, DE  
[22] 1999-09-29  
[43] 2000-03-30  
[30] EP (98118491.4) 1998-09-30

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[21] **2,284,423**  
[13] A1  
[51] **Int.Cl. 6C09B 47/00 6A23L 1/275**  
[25] EN  
[54] **NON-STAINING, ACID-STABLE, COLD-WATER-SOLUBLE, EDIBLE GREEN COLOR AND COMPOSITIONS FOR PREPARING ACIDIC FOODS AND BEVERAGES**  
[54] **COLORANT ALIMENTAIRE VERT QUI NE TACHE PAS, STABLE EN MILIEU ACIDE, SOLUBLE DANS L'EAU FROIDE ET COMPOSITIONS DE CE PRODUIT POUR PREPARER DES ALIMENTS ET BOISSONS ACIDES**  
[72] FROST, JOHN ROBERT, US  
[72] SALEEB, FOUAD ZAKI, US  
[71] KRAFT FOODS, INC., US  
[22] 1999-09-29  
[43] 2000-04-01  
[30] US (164,668) 1998-10-01

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[21] **2,284,425**  
[13] A1  
[51] **Int.Cl. 6F04C 18/02**  
[25] EN  
[54] **SCROLL-TYPE FLUID DISPLACEMENT APPARATUS**  
[54] **APPAREIL SERVANT A DEPLACER DES FLUIDES PAR VIS SANS FIN**  
[72] MATSUMOTO, TAKAYUKI, JP  
[71] SANDEN CORPORATION, JP  
[22] 1999-09-30  
[43] 2000-04-01  
[30] JP (HEI-10-280242) 1998-10-01

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[21] **2,284,427**  
[13] A1  
[51] **Int.Cl. 6B21D 11/14**  
[25] EN  
[54] **TWISTING MACHINE FOR POLYGONAL CROSS-SECTION BARS**  
[54] **MACHINE A TORSADER DES PROFILES A SECTION POLYGONALE**  
[72] CAPORUSSO, ALESSANDRO, IT  
[72] CAPORUSSO, MARIO, IT  
[71] C.M.L. COSTRUZIONI MECCANICHE LIRI S.R.L., IT  
[22] 1999-09-30  
[43] 2000-04-01  
[30] IT (RM98A000621) 1998-10-01

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[21] **2,284,429**  
[13] A1  
[51] **Int.Cl. 6A62C 31/02 6B05B 15/08**  
[25] EN  
[54] **THRUST REVERSER SPRINKLER HEAD**  
[54] **TETE D'EXTINCTEUR AUTOMATIQUE A INVERSION DE JET**  
[72] RETZLOFF, JAMES G., US  
[71] THE VIKING CORPORATION, US  
[22] 1999-10-01  
[43] 2000-04-01  
[30] US (09/164,702) 1998-10-01

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[21] **2,284,804**  
[13] A1  
[51] **Int.Cl. 6B65G 69/28 6B60P 1/43**  
[25] EN  
[54] **LOW FLOOR VEHICLE RAMP ASSEMBLY**  
[54] **ENSEMBLE DE RAMPE POUR VEHICULE A PLANCHER SURBAISSE**  
[72] LEWIS, CLEATUS A., US  
[72] SIMON, CURTIS J., US  
[72] COHN, ALAN R., US  
[71] LIFT-U, DIVISION OF HOGAN MFG. INC., US  
[22] 1999-09-30  
[43] 2000-03-30  
[30] US (09/164,434) 1998-09-30

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[21] **2,284,968**  
[13] A1  
[51] **Int.Cl. 6H01M 2/14**  
[25] EN  
[54] **FUEL CELL**  
[54] **PILE A COMBUSTIBLE**  
[72] OHBA, TSUGIO, JP  
[72] SUGITA, NARUTOSHI, JP  
[72] OKADA, NOBORU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-09-29  
[43] 2000-04-01  
[30] JP (10-280283) 1998-10-01

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[21] **2,284,978**  
[13] A1  
[51] **Int.Cl. 6H01B 5/16 6H01Q 1/38**  
[25] EN  
[54] **CONDUCTIVE PASTE AND CONDUCTIVE PASTE CURING METHOD, METHOD OF FORMING ANTENNA FOR RADIO FREQUENCY IDENTIFICATION MEDIUM EMPLOYING CONDUCTIVE PASTE, AND RADIO FREQUENCY IDENTIFICATION MEDIUM**  
[54] **PATE CONDUCTRICE ET METHODE DE TRAITEMENT D'UNE PATE CONDUCTRICE, METHODE DE REALISATION D'UNE ANTENNE POUR SUPPORT D'IDENTIFICATION RADIOFREQUENCE UTILISANT UNE PATE CONDUCTRICE ET SUPPORT D'IDENTIFICATION RADIOFREQUENCE**  
[72] ENDO, YASUHIRO, JP  
[72] MARUYAMA, TORU, JP  
[72] KAGAMI, YASUO, JP  
[72] KODAMA, KAZUNARI, JP  
[71] TOPPAN FORMS CO., LTD., JP  
[22] 1999-09-29  
[43] 2000-03-30  
[30] JP (10-278959) 1998-09-30  
[30] JP (11-23130) 1999-01-29  
[30] JP (11-23133) 1999-01-29  
[30] JP (11-93968) 1999-03-31  
[30] JP (11-125306) 1999-04-30  
[30] JP (11-125307) 1999-04-30  
[30] JP (11-125309) 1999-04-30  
[30] JP (11-125312) 1999-04-30  
[30] JP (11-152896) 1999-05-31  
[30] JP (11-209374) 1999-07-23

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[21] **2,285,524**  
[13] A1  
[51] **Int.Cl. 6C08L 23/06 6C08L 3/02 6C08L 67/02 6C08L 67/04**  
[25] EN  
[54] **BIODEGRADABLE VAPOR CORROSION INHIBITOR PRODUCTS**  
[54] **PRODUITS BIODEGRADABLES EN PHASE VAPEUR INHIBITEUR DE LA CORROSION**  
[72] CHANDLER, CHRISTOPHER, US  
[72] BRADLEY, SCOTT J., US  
[72] MIKSIC, BORIS A., US  
[71] CORTEC CORPORATION, US  
[22] 1999-10-01  
[43] 2000-04-01  
[30] US (09/164,887) 1998-10-01

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**Demandes canadiennes mises à la disponibilité du public**  
**26 mars 2000 - 1 avril 2000**

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[21] **2,285,525**  
[13] A1

[51] **Int.Cl. 6B25C 5/00**  
[25] EN  
[54] **STAPLER**  
[54] **MARTEAU AGRAFEUR**  
[72] GHIBELY, BRUNO, DE  
[72] TAUBKEN, WERNER, DE  
[72] WILLENBROCK, HANS, DE  
[71] ERWIN MULLER GMBH & CO., DE  
[22] 1999-10-01  
[43] 2000-04-01  
[30] DE (198 49 093.3) 1998-10-01

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[21] **2,285,735**  
[13] A1

[51] **Int.Cl. 6B21D 11/06**  
[25] EN  
[54] **BENDING MACHINE TO WIND A STRIP OR THE LIKE INTO A SPIRAL**  
[54] **CINTREUSE DONNANT UNE FORME DE SPIRALE A DES FEUILLARDS OU DES PIECES SEMBLABLES**  
[72] CAPORUSSO, ALESSANDRO, IT  
[72] CAPORUSSO, MARIO, IT  
[71] C.M.L. COSTRUZIONI MECCANICHE LIRI S.R.L., IT  
[22] 1999-09-30  
[43] 2000-04-01  
[30] IT (RM98A000622) 1998-10-01

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[21] **2,289,246**  
[13] A1

[51] **Int.Cl. 7B62J 1/00**  
[25] EN  
[54] **BICYCLE SADDLE**  
[54] **SELLE DE BICYCLETTE**  
[72] ANDREWS, GEORGE EDWARD, CA  
[71] ANDREWS, GEORGE EDWARD, CA  
[22] 1999-11-10  
[43] 2000-03-26

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[21] **2,293,902**  
[13] A1

[51] **Int.Cl. 7E06B 1/36**  
[25] EN  
[54] **WINDOW FRAME**  
[54] **CADRE DE FENETRE**  
[72] VEILLEUX, CHRISTIAN, CA  
[72] LAVOIE, BENOIT, CA  
[72] FORGET, PIERRE, CA  
[71] VEILLEUX, CHRISTIAN, CA  
[71] LAVOIE, BENOIT, CA  
[71] FORGET, PIERRE, CA  
[22] 2000-01-04  
[43] 2000-03-26  
[30] CA (2,256,092) 1999-01-05

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[21] **2,294,493**  
[13] A1

[51] **Int.Cl. 7H02G 13/00 7B63B 15/00 7B63B 17/00**  
[25] EN  
[54] **TEMPORARY LIGHTNING PROTECTION DEVICE FOR A SAILBOAT**  
[54] **DISPOSITIF DE PROTECTION TEMPORAIRE CONTRE LA FOUDRE POUR UN VOILIER**  
[72] LAFERRIERE, CHRISTIAN, CA  
[72] SEYNETT, PIERRE, CA  
[71] LAFERRIERE, CHRISTIAN, CA  
[71] SEYNETT, PIERRE, CA  
[22] 2000-01-21  
[43] 2000-03-31



**Canadian Laid-Open Applications  
March 26, 2000 - April 1, 2000**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

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[21] **2,297,675**  
[13] A1  
[51] Int.Cl. 7C12P 13/00 7C12P 13/02  
7C12N 1/20  
[25] EN  
[54] METHOD FOR PRODUCING L-ALANINOL AND GAMMA-GLUTAMYL ISOPROPYLAMIDE AND A MICROBIAL STRAIN OF THE GENUS PSEUDOMONAS  
[54] METHODE DE PREPARATION DE L-ALAMINOL ET D'AMIDE DE GAMMA-GLUTANYLISOPROPYL ET D'UNE SOUCHE DE MICROORGANISME DU GENRE PSEUDOMONAS  
[72] KIENER, ANDREAS, CH  
[72] GILLIGAN, THOMAS, US  
[72] HEINZMANN, KLAUS, CH  
[72] LEISINGER, THOMAS, CH  
[72] VAN DER PLOEG, JAN RUDOLF, CH  
[72] DE AZEVEDO WÄSCH, SUSANA IVONE, CH  
[71] LONZA AG, CH  
[85] 2000-01-21  
[86] 1998-08-07 (PCT/EP98/05029)  
[87] 1999-02-18 (WO99/07199)  
[30] CH (1876/97) 1997-08-08  
[30] CH (1897/97) 1997-08-12

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[21] **2,297,756**  
[13] A1  
[51] Int.Cl. 7A61K 31/60 7A61K 31/455  
7A61K 31/785  
[25] EN  
[54] METHODS OF PRETREATING HYPERLIPIDEMIC INDIVIDUALS WITH A FLUSH INHIBITING AGENT PRIOR TO THE START OF SINGLE DAILY DOSE NICOTINIC ACID THERAPY TO REDUCE FLUSHING PROVOKED BY NICOTINIC ACID  
[54] PROCEDES DE TRAITEMENT PROPHYLACTIQUE DE SUJETS ENCLINS A L'HYPERLIPIDEMIE A L'AIDE D'UN AGENT INHIBANT LES BOUFFEES VASOMOTRICES AVANT D'ENTAMER UNE THERAPIE A BASE D'ACIDE NICOTINIQUE SOUS FORME DE DOSE QUOTIDIENNE UNIQUE DE MANIERE A REDUIRE LES BOUFFEES VASOMOTRICES PROVOQUEES PAR L'ACIDE NICOTINIQUE  
[72] CEFALI, EUGENIO A., US  
[71] KOS PHARMACEUTICALS, INC., US  
[85] 2000-01-25  
[86] 1998-07-31 (PCT/US98/15987)  
[87] 1999-02-11 (WO99/06052)  
[30] US (903,755) 1997-07-31

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[21] **2,297,931**  
[13] A1  
[51] Int.Cl. 7B01D 33/04 7B01D 33/056  
7B01D 33/64  
[25] EN  
[54] FOLDING BELT FILTER  
[54] SYSTEME DE FILTRE BANDE PLIABLE  
[72] DAY, PAUL HEDLEY, AU  
[71] DAY, PAUL HEDLEY, AU  
[85] 2000-01-24  
[86] 1998-08-06 (PCT/AU98/00619)  
[87] 1999-02-18 (WO99/07457)  
[30] AT (PO 8419) 1997-08-06

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[21] **2,297,932**  
[13] A1  
[51] Int.Cl. 7H01M 4/50 7H01M 2/16  
7H01M 10/24  
[25] EN  
[54] RECHARGEABLE BATTERY WITH MODIFIED MANGANESE OXIDE POSITIVE ELECTRODE  
[54] BATTERIE RECHARGEABLE DOTEE D'UNE ELECTRODE POSITIVE EN OXYDE DE MANGANESE MODIFIEE  
[72] KAINTHLA, RAMESH C., US  
[72] MANKO, DAVID J., US  
[72] APPLEBY, A. JOHN, US  
[71] RECHARGEABLE BATTERY CORPORATION, US  
[85] 2000-01-21  
[86] 1998-07-16 (PCT/US98/14709)  
[87] 1999-02-04 (WO99/05733)  
[30] US (08/898,172) 1997-07-22

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[21] **2,297,816**  
[13] A1  
[51] Int.Cl. 7C07F 17/00 7C08G 59/00  
7C08F 4/60 7C08G 59/68  
[25] EN  
[54] NOVEL CRYSTALLINE ION-ASSOCIATION SUBSTANCE, PROCESS FOR PRODUCING THE SAME, AND LATENT PHOTOPOLYMERIZATION INITIATOR  
[54] NOUVELLE SUBSTANCE CRISTALLINE D'IONS ASSOCIES, SON PROCEDE DE PRODUCTION ET INITIATEUR DE POLYMERISATION LATENTE  
[72] HIWASA, SHIN, JP  
[71] AUTEX, INC., JP  
[85] 2000-01-24  
[86] 1998-07-29 (PCT/JP98/03379)  
[87] 1999-02-11 (WO99/06419)  
[30] JP (219166/97) 1997-07-30

## PCT Applications Entering the National Phase

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[21] **2,297,934**  
[13] A1  
[51] **Int.Cl. 7B29C 44/00 7B32B 5/24 7B29C 33/76**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING MOULDED ARTICLES MADE OF PLASTICS, CELLULOSE OR WOOD PULP AND PROVIDED WITH CAVITIES**  
[54] **PROCEDE DE PRODUCTION DE PIECES MOULEES MUNIES DE CAVITES, REALISEES EN MATIERE PLASTIQUE, EN CELLULOSE OU EN PATE MECANIQUE**  
[72] ICKINGER, GEORG MICHAEL, AT  
[71] ICKINGER, GEORG MICHAEL, AT  
[85] 2000-01-24  
[86] 1998-07-29 (PCT/DE98/02205)  
[87] 1999-02-11 (WO99/06200)  
[30] AT (A 1284/97) 1997-07-29

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[21] **2,297,935**  
[13] A1  
[51] **Int.Cl. 7G06F 9/46**  
[25] EN  
[54] **SCHEDULER FOR A SOFTWARE SYSTEM**  
[54] **PROGRAMMATEUR POUR SYSTEME LOGICIEL**  
[72] LEE, LYNDON CHI-HANG, GB  
[72] NWANA, HYACINTH SAMA, GB  
[72] NDUMU, DIVINE TAMAJONG, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2000-01-24  
[86] 1998-07-27 (PCT/GB98/02237)  
[87] 1999-02-04 (WO99/05594)  
[30] EP (97305601.3) 1997-07-25

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[21] **2,297,937**  
[13] A1  
[51] **Int.Cl. 7G01N 21/64 7G01N 15/06 7C12M 1/34**  
[25] EN  
[54] **MONITORING OF FILM FORMING LIVING DEPOSITS**  
[54] **SURVEILLANCE DE DEPOTS VIVANTS FORMANT UNE PELLICULE**  
[72] WETEGROVE, ROBERT L., US  
[71] NALCO CHEMICAL COMPANY, US  
[85] 2000-01-24  
[86] 1998-07-21 (PCT/US98/14736)  
[87] 1999-02-04 (WO99/05513)  
[30] US (08/900,546) 1997-07-25

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[21] **2,297,938**  
[13] A1  
[51] **Int.Cl. 7B01J 49/00 7C13D 3/14 7A23C 9/146 7A23L 1/29 7A23L 1/307**  
[25] EN  
[54] **PROCESS FOR THE PURIFICATION OF NUTRIENTS FROM FOOD PROCESS STREAMS**  
[54] **PROCEDE DE PURIFICATION D'ALIMENTS NUTRITIFS A PARTIR DE COURANTS DE TRANSFORMATION DES ALIMENTS**  
[72] SLEIGH, ROBERT WALTER, AU  
[72] HOURIGAN, JAMES ARTHUR, AU  
[72] DURHAM, ROSALIE JOYCE, AU  
[72] JOHNSON, ROBERT LEONARD, AU  
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, AU  
[71] DAIRY RESEARCH AND DEVELOPMENT CORPORATION, AU  
[71] UNIVERSITY OF WESTERN SYDNEY, HAWKESBURY, AU  
[85] 2000-01-24  
[86] 1998-07-24 (PCT/AU98/00588)  
[87] 1999-02-04 (WO99/04903)  
[30] AU (PO 8213) 1997-07-24

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[21] **2,297,941**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR RADIO FREQUENCY MEASUREMENT AND AUTOMATIC FREQUENCY PLANNING IN A CELLULAR RADIO SYSTEM**  
[54] **PROCEDE ET SYSTEME DESTINES A LA MESURE DE FREQUENCES RADIO ET A LA PLANNIFICATION AUTOMATIQUE DES FREQUENCES DANS UN SYSTEME RADIO CELLULAIRE**  
[72] SPORRE, MATTS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-01-24  
[86] 1998-07-07 (PCT/SE98/01343)  
[87] 1999-02-04 (WO99/05878)  
[30] US (08/900,206) 1997-07-24

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[21] **2,297,943**  
[13] A1  
[51] **Int.Cl. 7C07C 229/04 7C07D 205/04 7C07D 207/16 7C07D 295/18 7C07D 213/32 7A61K 31/34 7A61K 31/395 7A61K 31/40 7A61K 31/44 7A61K 31/445 7A61K 31/495 7C07D 307/54 7C07D 213/55**  
[25] EN  
[54] **NOVEL COMPOUND HAVING EFFECT OF PROMOTING NEURON DIFFERENTIATION**  
[54] **NOUVEAU COMPOSE CAPABLE DE PROMOUVOIR UNE DIFFERENCIATION NEURONALE**  
[72] KUWAHARA, ATSUSHI, JP  
[72] NISHIKIORI, TAKAAKI, JP  
[72] SAITO, SEIICHI, JP  
[72] SATO, TAKAMICHI, JP  
[72] NAGAI, MASASHI, JP  
[72] MORINO, TOMIO, JP  
[72] TOMIYOSHI, TSUGIO, JP  
[72] HARADA, TAKASHI, JP  
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP  
[85] 2000-01-24  
[86] 1998-07-24 (PCT/JP98/03313)  
[87] 1999-02-04 (WO99/05091)  
[30] JP (9/213896) 1997-07-25  
[30] JP (9/218370) 1997-07-30  
[30] JP (9/218371) 1997-07-30  
[30] JP (9/218372) 1997-07-30  
[30] JP (9/247534) 1997-08-29  
[30] JP (10/18304) 1998-01-16  
[30] JP (10/18305) 1998-01-16  
[30] JP (10/18306) 1998-01-16  
[30] JP (10/18307) 1998-01-16

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[21] **2,297,945**  
[13] A1  
[51] **Int.Cl. 7A61K 39/395 7A61K 38/18**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION WITH NEUROTROPHIC-LIKE BIOLOGICAL ACTIVITY**  
[54] **PREPARATION PHARMACEUTIQUE A ACTIVITE BIOLOGIQUE DU TYPE NEUROTROPE**  
[72] MALIARTCHOUK, SERGEI, CA  
[72] SARAGОВI, H. URI, CA  
[71] MCGILL UNIVERSITY, CA  
[85] 2000-01-24  
[86] 1998-08-05 (PCT/CA98/00749)  
[87] 1999-02-18 (WO99/07410)  
[30] CA (2,212,315) 1997-08-05

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,297,946</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7C07H 17/00 7C12N 15/00 7A01K 67/027 7C12P 21/06 7C07K 16/18 7C12N 1/20 7G01N 33/53 7G01N 33/574</b></p> <p>[25] EN [54] <b>SEL-10 AND USES THEREOF</b> [54] <b>SEL-10 ET UTILISATIONS DE SEL-10</b></p> <p>[72] GREENWALD, IVA, US [72] HUBBARD, E. JANE, US [71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US [85] 2000-01-24 [86] 1998-07-23 (PCT/US98/15335) [87] 1999-02-04 (WO99/05307) [30] US (08/899,578) 1997-07-24</p>	<p style="text-align: right;">[21] <b>2,297,951</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H03M 5/12 7H04L 7/027</b></p> <p>[25] EN [54] <b>REMOTE VEHICLE DATA INTERFACE TAG SYSTEM</b> [54] <b>SYSTEME INDICATEUR A INTERFACE DE DONNES A DISTANCE POUR VEHICULES</b></p> <p>[72] ZALUD, PETER F., US [72] EVANS, ROBERT M., US [72] KALOKITIS, DAVID, US [72] SCHEPPS, JONATHAN LLOYD, US [71] SARNOFF CORPORATION, US [85] 2000-01-25 [86] 1998-08-19 (PCT/US98/17145) [87] 1999-02-25 (WO99/09719) [30] US (08/914,940) 1997-08-20 [30] US (08/919,774) 1997-08-29</p>	<p style="text-align: right;">[21] <b>2,297,954</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 2/16 7H01M 10/40 7H01M 4/62</b></p> <p>[25] EN [54] <b>LITHIUM ION CELLS WITH IMPROVED THERMAL STABILITY</b> [54] <b>CELLULES A IONS DE LITHIUM A STABILITE THERMIQUE ACCRUE</b></p> <p>[72] KELLEY, TRACY E., US [72] BARKER, JEREMY, US [72] MITCHELL, PORTER H., US [71] VALENCE TECHNOLOGY, INC., US [85] 2000-01-25 [86] 1998-06-19 (PCT/US98/13019) [87] 1999-02-25 (WO99/09604) [30] US (08/911,476) 1997-08-14</p>
<p style="text-align: right;">[21] <b>2,297,949</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47J 31/38</b></p> <p>[25] EN [54] <b>PISTON COFFEE MAKER FOR PREPARING COFFEE IN SMALL AMOUNTS</b> [54] <b>CAFETIERE A PISTON POUR PETITES QUANTITES</b></p> <p>[72] JORGENSEN, CARSTEN, CH [71] PI-DESIGN AG, CH [85] 2000-01-25 [86] 1998-08-07 (PCT/DK98/00344) [87] 1999-02-18 (WO99/07266) [30] DK (9700304) 1997-08-07 [30] DK (1208/97) 1997-10-23</p>	<p style="text-align: right;">[21] <b>2,297,952</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 45/36 7B29C 33/44 7B29C 33/58</b></p> <p>[25] EN [54] <b>METHOD AND APPARATUS FOR MAKING A ONE PIECE BATTERY JAR</b> [54] <b>PROCEDE ET DISPOSITIF DE REALISATION DE CUVE DE BATTERIE MONOBLOC</b></p> <p>[72] HARDIGG, JAMES S., US [72] HAVRILLA, GEORGE R., US [71] HARDIGG INDUSTRIES, INC., US [85] 2000-01-24 [86] 1999-05-26 (PCT/US99/11633) [87] 1999-12-02 (WO99/61217) [30] US (09/084,771) 1998-05-26</p>	<p style="text-align: right;">[21] <b>2,297,955</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/30 7A61K 39/005 7C07K 16/20 7C07K 14/44</b></p> <p>[25] EN [54] <b>LYMPHOCYTE STIMULATING FACTOR FROM TRYPANOSOMA</b> [54] <b>FACTEUR DE STIMULATION LYMPHOCYTAIRE TIRE DE TRYPANOSOME</b></p> <p>[72] DONELSON, JOHN E., US [72] KRISTENSSON, KRISTER, SE [72] VAIDYA, TUSHAR, IN [72] BAKHJET, ABDEL-MOIZ, SE [72] OLSSON, TOMAS, SE [71] UNIVERSITY OF IOWA RESEARCH FOUNDATION INC., US [71] SBL VACCIN AB, SE [85] 2000-01-25 [86] 1997-07-24 (PCT/SE97/01312) [87] 1998-02-05 (WO98/04588) [30] US (08/686,599) 1996-07-26</p>
<p style="text-align: right;">[21] <b>2,297,950</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B21J 15/06 7B25B 27/00</b></p> <p>[25] EN [54] <b>PNEUMATIC-HYDRAULIC RIVET GUN</b> [54] <b>PISTOLET A RIVETER PNEUMATICO-HYDRAULIQUE</b></p> <p>[72] BENTIVOGLI, NERIO, IT [71] OBER UTENSILI PNEUMATICI S.R.L., IT [85] 2000-01-25 [86] 1998-07-27 (PCT/IB98/01148) [87] 1999-02-04 (WO99/04917) [30] IT (BO97A000459) 1997-07-28 [30] IT (BO98A000197) 1998-03-25 [30] IT (BO98A000272) 1998-04-30</p>	<p style="text-align: right;">[21] <b>2,297,953</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 16/00 7H01M 2/10 7A61N 1/378 7H01M 6/42</b></p> <p>[25] EN [54] <b>BATTERY SYSTEM FOR IMPLANTABLE MEDICAL DEVICE</b> [54] <b>SYSTEME DE BATTERIES POUR DISPOSITIF MEDICAL IMPLANTABLE</b></p> <p>[72] MAILE, KEITH R., US [72] WARREN, JAY A., US [71] CARDIAC PACEMAKERS, INC., US [85] 2000-01-25 [86] 1998-07-24 (PCT/US98/15494) [87] 1999-02-04 (WO99/05750) [30] US (60/054939) 1997-07-25</p>	<p style="text-align: right;">[21] <b>2,297,962</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61H 33/00</b></p> <p>[25] EN [54] <b>VAGINAL DOUCHING AND/OR ENTEROCLYSM DEVICE</b> [54] <b>DISPOSITIF DE DOUCHE VAGINALE ET/OU D'ENTEROCLYSE</b></p> <p>[72] CIRILLO, STEFANO, IT [72] FUCA, GIUSEPPE, IT [71] CIRILLO, STEFANO, IT [71] FUCA, GIUSEPPE, IT [85] 2000-01-21 [86] 1997-11-05 (PCT/EP97/06132) [87] 1998-05-22 (WO98/20722) [30] IT (PA97A000017) 1997-07-24</p>

## PCT Applications Entering the National Phase

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[21] **2,297,964**  
[13] A1

[51] **Int.Cl. 7G01R 31/26**  
[25] EN  
[54] **IN-SITU FAULT DETECTION APPARATUS AND METHOD FOR AN ENCASED ENERGY STORING DEVICE**  
[54] **APPAREIL ET PROCEDE DE DETECTION LOCALISEE D'UNE PANNE POUR DISPOSITIF D'ACCUMULATION D'ENERGIE PLACE DANS UN BOITIER**  
[72] KNUDSON, ORLIN B., US  
[72] COMTE, CHRISTOPHE, CA  
[72] ROUILLARD, JEAN, CA  
[72] ROSENTHAL, BRIAN, US  
[72] HAGEN, RONALD A., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[71] HYDRO-QUEBEC CORPORATION, CA  
[85] 2000-01-24  
[86] 1998-07-23 (PCT/US98/15297)  
[87] 1999-02-04 (WO99/05537)  
[30] US (08/900,611) 1997-07-25

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[21] **2,297,965**  
[13] A1

[51] **Int.Cl. 7G01N 35/00 7B04B 7/00**  
[25] EN  
[54] **ANALYTICAL CARTRIDGE**  
[54] **CARTOUCHE D'ANALYSE**  
[72] YATES, JAN B., US  
[72] BOYD, DOUGLAS E., US  
[71] CARESIDE, INC., US  
[85] 2000-01-25  
[86] 1998-07-28 (PCT/US98/15616)  
[87] 1999-02-18 (WO99/08095)  
[30] US (08/907,426) 1997-08-07

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[21] **2,297,966**  
[13] A1

[51] **Int.Cl. 7B65D 1/02 7B65D 23/00 7B65D 1/42**  
[25] EN  
[54] **PLASTIC BLOW MOLDED CONTAINER HAVING STABLE FREESTANDING BASE**  
[54] **CONTENANT EN PLASTIQUE MOULE PAR SOUFFLAGE MUNI D'UNE BASE AUTOSTABLE**  
[72] SLAT, WILLIAM A., US  
[71] PLASTIPAK PACKAGING, INC., US  
[85] 2000-01-25  
[86] 1998-09-04 (PCT/US98/18528)  
[87] 1999-03-18 (WO99/12817)  
[30] US (08/926,852) 1997-09-10

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[21] **2,297,967**  
[13] A1

[51] **Int.Cl. 7C07D 473/16 7C07D 487/04 7A61K 31/52**  
[25] EN  
[54] **PURINE INHIBITOR OF PROTEIN KINASES, G PROTEINS AND POLYMERASES**  
[54] **PURINES INHIBANT DES PROTEINE KINASES, DES PROTEINES G ET DES POLYMERASES**  
[72] GRAY, NATHANAEL S., US  
[72] SCHULTZ, PETER, US  
[72] KIM, SUNG-HOU, US  
[72] MEIJER, LAURENT, FR  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-01-25  
[86] 1998-08-06 (PCT/US98/16388)  
[87] 1999-02-18 (WO99/07705)  
[30] US (60/055,400) 1997-08-07

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[21] **2,297,968**  
[13] A1

[51] **Int.Cl. 7H01M 2/00 7H02M 7/00**  
[25] EN  
[54] **BYPASS APPARATUS AND METHOD FOR SERIES CONNECTED ENERGY STORAGE DEVICES**  
[54] **APPAREIL ET PROCEDE DE DERIVATION POUR DISPOSITIFS DE STOCKAGE D'ENERGIE RELIES EN SERIE**  
[72] DAIGLE, DOMINIK, CA  
[72] COMTE, CHRISTOPHE, CA  
[72] ROUILLARD, JEAN, CA  
[71] HYDRO-QUEBEC CORPORATION, CA  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-01-24  
[86] 1998-07-23 (PCT/US98/15225)  
[87] 1999-02-04 (WO99/05729)  
[30] US (08/900,325) 1997-07-25

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[21] **2,297,969**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04L 12/24 7G06F 9/44**  
[25] EN  
[54] **SYSTEM AND METHOD FOR GLOBALLY AND SECURELY ACCESSING UNIFIED INFORMATION IN A COMPUTER NETWORK**  
[54] **SYSTEME ET PROCEDE D'ACCES GLOBAL ET SUR A DES INFORMATIONS UNIFIEES, DANS UN RESEAU INFORMATIQUE**  
[72] APTEKAR-STROBER, JOANNA A., US  
[72] BAILES, R. STANLEY, US  
[72] BUI, HONG Q., US  
[72] RIGGINS, MARK D., US  
[72] WAGLE, PRASAD, US  
[72] ZULEEG, CHRISTOPHER R., US  
[72] NG, MASON, US  
[72] YING, CHRISTINE C., US  
[72] MENDEZ, DANIEL J., US  
[72] COWAN, DAVID J., US  
[72] QUINLAN, SEAN MICHAEL, US  
[71] VISTO CORPORATION, US  
[85] 2000-01-25  
[86] 1998-07-23 (PCT/US98/15155)  
[87] 1999-02-11 (WO99/06900)  
[30] US (08/903,118) 1997-07-30

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[21] **2,297,970**  
[13] A1

[51] **Int.Cl. 7C08F 220/12 7C09J 133/08**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF IMPROVED PSA'S**  
[54] **PROCEDE DE FABRICATION DE PSA AMELIORES**  
[72] BODWELL, JAMES R., US  
[72] LEE, IVAN S., US  
[72] AKELEY, JAMES P., US  
[72] WILLIAMS, CHARLES R., US  
[72] SMITH, COLIN C., US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2000-01-25  
[86] 1998-07-31 (PCT/US98/16073)  
[87] 1999-02-11 (WO99/06454)  
[30] US (08/904,083) 1997-07-31

## Demandes PCT entrant en phase nationale

[21] **2,297,971**  
[13] A1

[51] **Int.Cl. 7G06F 9/44 7G06F 3/033 7G06F 17/60**  
[25] EN  
[54] **SHARED MULTI-USER INTERFACE FOR MULTI-DIMENSIONAL SYNTHETIC ENVIRONMENTS**  
[54] **INTERFACE MULTI-UTILISATEURS PARTAGEES POUR ENVIRONNEMENTS SYNTHETIQUES MULTIDIMENSIONNELS**  
[72] PETERSON, CRAIG A., US  
[72] MAPLES, CREVE, US  
[71] MUSE TECHNOLOGIES, INC., US  
[85] 2000-01-21  
[86] 1998-07-31 (PCT/US98/15834)  
[87] 1999-02-11 (WO99/06909)  
[30] US (60/054,577) 1997-08-01

[21] **2,297,972**  
[13] A1

[51] **Int.Cl. 7E04B 1/04 7E04B 5/02**  
[25] EN  
[54] **BUILDING PANELS FOR USE IN THE CONSTRUCTION OF BUILDINGS**  
[54] **PANNEAUX DE CONSTRUCTION S'UTILISANT DANS LA CONSTRUCTION DE BATIMENTS**  
[72] ANDERSON, JOSEPH, US  
[71] STRATHCLYDE TECHNOLOGIES, INC., US  
[85] 2000-01-27  
[86] 1998-07-29 (PCT/US98/15309)  
[87] 1999-02-11 (WO99/06642)  
[30] US (08/902,292) 1997-07-29

[21] **2,297,973**  
[13] A1

[51] **Int.Cl. 7B01D 53/02 7C01G 1/02 7B01J 20/04 7B01J 20/30**  
[25] EN  
[54] **METHOD AND COMPOUND FOR THE SELECTIVE ADSORPTION OF NITROGEN OXIDES**  
[54] **PROCEDE ET COMPOSE D'ABSORPTION SELECTIVE D'OXYDES D'AZOTE**  
[72] CALESTANI, GIANLUCA, IT  
[72] MATACOTTA, FRANCESCO CINO, IT  
[71] UNIVERSITA DEGLI STUDI DI BOLOGNA, IT  
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT  
[85] 2000-01-21  
[86] 1998-07-16 (PCT/EP98/04432)  
[87] 1999-02-04 (WO99/04881)  
[30] IT (BO97A000453) 1997-07-23

[21] **2,297,974**  
[13] A1

[51] **Int.Cl. 7E06B 9/08**  
[25] EN  
[54] **ROLL-UP OVERHEAD DOOR FOR SANITARY APPLICATIONS**  
[54] **PORTE-RIDEAU DESTINEE A DES APPLICATIONS EN MILIEU PROTEGE**  
[72] KALEMPA, WALENTY, US  
[72] DRIFKA, BRIAN, US  
[71] RYTEC CORPORATION, US  
[85] 2000-01-21  
[86] 1998-07-24 (PCT/US98/15389)  
[87] 1999-02-04 (WO99/05381)  
[30] US (60/054,149) 1997-07-25

[21] **2,297,975**  
[13] A1

[51] **Int.Cl. 7H02H 3/04**  
[25] EN  
[54] **PROTECTIVE RELAY WITH MODULAR CONTROL PANEL**  
[54] **RELAIS DE PROTECTION AVEC PANNEAU DE COMMANDE MODULAIRE**  
[72] DIAS, CLIVE, CA  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-01-27  
[86] 1999-06-04 (PCT/US99/12458)  
[87] 1999-12-09 (WO99/63636)  
[30] US (09/090,957) 1998-06-05

[21] **2,297,976**  
[13] A1

[51] **Int.Cl. 7H04Q 3/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR LEAST COST CALL ROUTING**  
[54] **SYSTEME ET PROCEDE D'ACHEMINEMENT D'APPEL A MOINDRE COUT**  
[72] POKRESS, MATTHEW C., US  
[71] MEDIACOM CORPORATION, US  
[85] 2000-01-21  
[86] 1998-07-24 (PCT/US98/15399)  
[87] 1999-02-04 (WO99/05872)  
[30] US (08/900,315) 1997-07-25

[21] **2,297,977**  
[13] A1

[51] **Int.Cl. 7E04C 5/06**  
[25] EN  
[54] **DOWEL PIN FOR WEB REINFORCEMENTS**  
[54] **LISTEL A GOUJONS POUR ARMATURES RELEVEES**  
[72] ERNST, PETER, DE  
[71] DEHA ANKERSYSTEME GMBH & CO. KG, DE  
[85] 2000-01-25  
[86] 1998-07-15 (PCT/EP98/04391)  
[87] 1999-02-04 (WO99/05374)  
[30] DE (197 32 233.6) 1997-07-26  
[30] DE (197 34 458.5) 1997-08-11

[21] **2,297,978**  
[13] A1

[51] **Int.Cl. 7B65B 13/32**  
[25] EN  
[54] **HOOP-CASING DEVICE**  
[54] **APPAREIL A ENRUBANNER**  
[72] RAUCH, MANFRED, DE  
[71] FROMM HOLDING AG, CH  
[85] 2000-01-21  
[86] 1998-06-08 (PCT/CH98/00245)  
[87] 1999-02-04 (WO99/05025)  
[30] CH (1780/97) 1997-07-23

[21] **2,297,979**  
[13] A1

[51] **Int.Cl. 7H02H 9/00**  
[25] EN  
[54] **TERMINAL BLOCK FOR A PROTECTIVE RELAY**  
[54] **BLOC TERMINAL POUR RELAIS DE PROTECTION**  
[72] DIAS, CLIVE, CA  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-01-27  
[86] 1999-06-04 (PCT/US99/12459)  
[87] 1999-12-09 (WO99/63638)  
[30] US (09/090,958) 1998-06-05

## PCT Applications Entering the National Phase

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[21] **2,297,980**  
[13] A1  
[51] **Int.Cl. 7D21C 3/24 7D21C 1/06**  
[25] EN  
[54] **CONTINUOUS COOKING WITH COOL IMPREGNATION AND DOM CONTROL**  
[54] **CUISSON EN CONTINU AVEC IMPREGNATION A FAIBLE TEMPERATURE ET REGLAGE DE LA QUANTITE DE MATIERE ORGANIQUE DISSOUTE (DOM)**  
[72] STROMBERG, C. BERTIL, US  
[72] PROUGH, J. ROBERT, US  
[72] MARCOCCIA, BRUNO S., US  
[72] HENRICSON, KAJ O., FI  
[71] AHLSTROM MACHINERY INC., US  
[85] 2000-01-25  
[86] 1998-08-03 (PCT/US98/16038)  
[87] 1999-02-18 (WO99/07936)  
[30] US (08/911,366) 1997-08-07

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[21] **2,297,981**  
[13] A1  
[51] **Int.Cl. 7H04N 5/74 7H04N 7/18**  
[25] EN  
[54] **MULTIPLE PROJECTORS ON THE SAME SCREEN GRAPHIC DISPLAY SYSTEM**  
[54] **SYSTEME D’AFFICHAGE GRAPHIQUE A PROJECTEURS MULTIPLES PROJETANT SUR LE MEME A ECRAN**  
[72] COULING, MARK, US  
[71] FAKESPACE SYSTEMS USA, INC., US  
[85] 2000-01-21  
[86] 1998-07-21 (PCT/US98/15037)  
[87] 1999-01-28 (WO99/04563)  
[30] US (60/053,271) 1997-07-21

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[21] **2,297,982**  
[13] A1  
[51] **Int.Cl. 7B32B 3/02 7B65D 77/10**  
[25] EN  
[54] **WIRELESS POLYMERIC TWIST TIE**  
[54] **LIEN TORSADE POLYMERE SANS FIL**  
[72] HADDOCK, THOMAS E., US  
[72] FELTMAN, MICHAEL P., US  
[71] BEDFORD INDUSTRIES, INC., US  
[85] 2000-01-25  
[86] 1998-09-17 (PCT/US98/19323)  
[87] 1999-04-01 (WO99/15330)  
[30] US (08/933,772) 1997-09-19

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[21] **2,297,983**  
[13] A1  
[51] **Int.Cl. 7B65D 83/14**  
[25] EN  
[54] **VALVE FOR AEROSOL CONTAINER**  
[54] **SOUPAPE POUR RECIPIENT AEROSOL**  
[72] RIEBE, MICHAEL THOMAS, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 2000-01-21  
[86] 1998-07-27 (PCT/EP98/04681)  
[87] 1999-02-11 (WO99/06303)  
[30] GB (9715855.4) 1997-07-29

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[21] **2,297,986**  
[13] A1  
[51] **Int.Cl. 7A61B 6/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR AUTOMATED DETECTION OF CLUSTERED MICROCALCIFICATIONS FROM DIGITAL MAMMOGRAMS**  
[54] **PROCEDE ET SYSTEME DE DETECTION AUTOMATIQUE D’AMAS DE MICRO-CALCIFICATIONS DANS DES MAMMOGRAMMES NUMERIQUES**  
[72] BERKEY, TELFORD S., US  
[72] AMBURN, ELTON P., US  
[72] RATHBUN, THOMAS F., US  
[72] ROGERS, STEVEN K., US  
[72] ROSENSTENGEL, JOHN E., US  
[72] BROUSSARD, RANDY P., US  
[72] DESIMIO, MARTIN P., US  
[72] OCHOA, EDWARD M., US  
[72] HOFFMEISTER, JEFFREY W., US  
[71] QUALIA COMPUTING, INC., US  
[85] 2000-01-25  
[86] 1998-08-28 (PCT/US98/17886)  
[87] 1999-03-04 (WO99/09887)  
[30] US (60/057,801) 1997-08-28  
[30] US (60/066,996) 1997-11-28  
[30] US (60/076,760) 1998-03-03

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[21] **2,297,988**  
[13] A1  
[51] **Int.Cl. 7C07D 495/04 7C07D 498/04 7C07D 513/04 7C07D 491/048 7A61K 31/44 7A61K 31/55**  
[25] EN  
[54] **HYDROXAMIC ACID SUBSTITUTED FUSED HETEROCYCLIC METALLOPROTEINASE INHIBITORS**  
[54] **INHIBITEURS DE METALLOPROTEASES HETEROCYCLIQUES HYBRIDES ET SUBSTITUES PAR DE L’ACIDE HYDROXAMIQUE**  
[72] HUMMEL, CONRAD, US  
[72] RUSSO-RODRIGUEZ, SANDRA E., US  
[72] THOMSON, DAVID S., US  
[72] KOCH, KEVIN, US  
[72] HWANG, CHAN KOU, US  
[71] AMGEN INC., US  
[85] 2000-01-25  
[86] 1998-08-04 (PCT/US98/16147)  
[87] 1999-02-11 (WO99/06410)  
[30] US (60/054,753) 1997-08-04  
[30] US (09/128,512) 1998-08-03

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[21] **2,297,989**  
[13] A1  
[51] **Int.Cl. 7C04B 28/00 7C04B 24/26**  
[25] EN  
[54] **ROAD REPAIR MATERIAL COMPRISING CEMENT AND A RESIN**  
[54] **MATERIAU A BASE DE CIMENT ET DE RESINE POUR LA REFECTION DES CHAUSSEES**  
[72] MCINTOSH, JAMES, GB  
[71] M. J. HIGHWAY TECHNOLOGY LIMITED, GB  
[85] 2000-01-21  
[86] 1998-07-24 (PCT/GB98/02215)  
[87] 1999-02-04 (WO99/05076)  
[30] GB (9715640.0) 1997-07-24  
[30] GB (9722755.7) 1997-10-28

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,297,990</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>METHOD AND DATA SYSTEM FOR DETERMINING FINANCIAL INSTRUMENTS FOR USE IN THE FUNDING OF A LOAN</b> [54] <b>PROCEDE ET SYSTEME DE DONNEES DESTINES A DETERMINER LES INSTRUMENTS FINANCIERS UTILISES DANS LE FINANCEMENT D'UN PRET</b> [72] LINDAHL, THOMAS, DK [72] BORGERSEN, BORGER, DK [72] PETERSEN, BO GODTHJAELP, DK [72] LARSEN, BJARNE GRAVEN, DK [72] TORNES-HANSEN, STIG, DK [72] ROSENKRANS, MADS, DK [72] KRISTIANSEN, KLAUS, DK [71] REALKREDIT DANMARK A/S, DK [85] 2000-02-01 [86] 1998-07-31 (PCT/DK98/00339) [87] 1999-02-25 (WO99/09500) [30] DK (0903/97) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,298,000</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21F 1/00 7D06M 10/02</b> [25] EN [54] <b>INDUSTRIAL FABRICS AND METHOD OF TREATMENT</b> [54] <b>TISSUS INDUSTRIELS ET PROCEDE DE TRAITEMENT</b> [72] SAYERS, IAN CHRISTISON, GB [71] SCAPA GROUP PLC, GB [85] 2000-01-21 [86] 1998-07-20 (PCT/GB98/02168) [87] 1999-02-04 (WO99/05358) [30] GB (9715508.9) 1997-07-24</p>	<p style="text-align: right;">[21] <b>2,298,005</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B64C 3/46 7B63B 1/24 7B64C 3/30</b> [25] EN [54] <b>ADAPTIVE PNEUMATIC WINGS FOR FLYING DEVICES WITH FIXED WINGS</b> [54] <b>AILES ADAPTATIVES PNEUMATIQUES POUR APPAREILS VOLANTS A VOILURE FIXE</b> [72] KAMMER, RES, CH [72] TO, FREDERICK E., CH [71] PROSPECTIVE CONCEPTS AG, CH [85] 2000-01-21 [86] 1999-05-06 (PCT/CH99/00188) [87] 1999-12-02 (WO99/61313) [30] CH (1138/98) 1998-05-25</p>
<p style="text-align: right;">[21] <b>2,297,991</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60C 19/00 7B60C 11/00</b> [25] EN [54] <b>FOOTPRINTS FOR NONROTATABLE AUTOMOBILE AND LIGHT TRUCK TIRES</b> [54] <b>EMPREINTES DE PNEUS NON ROTATIFS DE VEHICULES AUTOMOBILES ET UTILITAIRES LEGERS</b> [72] TRARES, KEITH CARL, US [72] MILLER, FREDERICK WILLIAM, US [72] SCARPITTI, ANTHONY JOHN, US [72] KOLOWSKI, MICHAEL ALOIS, US [72] GILLIAM, DONALD WOODROW, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 2000-02-01 [86] 1997-09-17 (PCT/US97/17108) [87] 1999-03-25 (WO99/14065)</p>	<p style="text-align: right;">[21] <b>2,298,002</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01M 11/02</b> [25] EN [54] <b>IMAGE QUALITY MAPPER FOR PROGRESSIVE EYEGLASSES</b> [54] <b>DISPOSITIF DE CARTOGRAPHIE DE LA QUALITE D'IMAGE POUR VERRES DE LUNETTES PROGRESSIFS</b> [72] CHIPMAN, RUSSELL, US [72] DREWES, JONATHAN J., US [72] HADAWAY, JAMES B., US [71] INNOTECH, INC., US [85] 2000-01-21 [86] 1998-07-22 (PCT/US98/15451) [87] 1999-02-04 (WO99/05500) [30] US (60/053,824) 1997-07-24 [30] US (09/116,295) 1998-07-16</p>	<p style="text-align: right;">[21] <b>2,298,006</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 210/00 7C08F 291/00 7C08F 292/00 7C08F 218/02</b> [25] EN [54] <b>ETHYLENE LATEX COPOLYMER COMPOSITIONS</b> [54] <b>COMPOSITIONS COPOLYMERES DE LATEX D'ETHYLENE</b> [72] AVRAMIDIS, KOSTAS S., US [72] BASSETT, DAVID ROBINSON, US [72] TAN, CHEE BOON, SG [72] JENKINS, RICHARD DUANE, SG [71] UNION CARBIDE CHEMICALS &amp; PLASTICS TECHNOLOGY CORPORATION, US [85] 2000-01-21 [86] 1999-05-21 (PCT/US99/11286) [87] 1999-12-02 (WO99/61496) [30] US (60/086,417) 1998-05-22</p>
<p style="text-align: right;">[21] <b>2,298,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 15/00</b> [25] EN [54] <b>SYSTEM AND METHOD FOR PRODUCING SUBSTANTIALLY IDENTICAL DRAWING PRINTS USING DISSIMILAR PRINTING SYSTEMS</b> [54] <b>SYSTEME ET PROCEDE SERVANT A PRODUIRE DES DESSINS IMPRIMES PRATIQUEMENT IDENTIQUES AU MOYEN DE DISPOSITIFS D'IMPRIMERIE DISSEMBLABLES</b> [72] WALKER, ROLAND J., US [71] AECX CORPORATION, US [85] 2000-01-21 [86] 1998-07-17 (PCT/US98/14658) [87] 1999-01-28 (WO99/04363) [30] US (08/897,717) 1997-07-21</p>	<p style="text-align: right;">[21] <b>2,298,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 15/00</b> [25] EN [54] <b>SYSTEM AND METHOD FOR PRODUCING SUBSTANTIALLY IDENTICAL DRAWING PRINTS USING DISSIMILAR PRINTING SYSTEMS</b> [54] <b>SYSTEME ET PROCEDE SERVANT A PRODUIRE DES DESSINS IMPRIMES PRATIQUEMENT IDENTIQUES AU MOYEN DE DISPOSITIFS D'IMPRIMERIE DISSEMBLABLES</b> [72] WALKER, ROLAND J., US [71] AECX CORPORATION, US [85] 2000-01-21 [86] 1998-07-17 (PCT/US98/14658) [87] 1999-01-28 (WO99/04363) [30] US (08/897,717) 1997-07-21</p>	<p style="text-align: right;">[21] <b>2,298,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 15/00</b> [25] EN [54] <b>SYSTEM AND METHOD FOR PRODUCING SUBSTANTIALLY IDENTICAL DRAWING PRINTS USING DISSIMILAR PRINTING SYSTEMS</b> [54] <b>SYSTEME ET PROCEDE SERVANT A PRODUIRE DES DESSINS IMPRIMES PRATIQUEMENT IDENTIQUES AU MOYEN DE DISPOSITIFS D'IMPRIMERIE DISSEMBLABLES</b> [72] WALKER, ROLAND J., US [71] AECX CORPORATION, US [85] 2000-01-21 [86] 1998-07-17 (PCT/US98/14658) [87] 1999-01-28 (WO99/04363) [30] US (08/897,717) 1997-07-21</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,298,008</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 15/46</b> [25] EN [54] <b>PROCESS FOR MAKING PERFUME-IMPREGNATED HYDROGEL-FORMING ABSORBENT POLYMERS</b> [54] <b>PROCEDE DE FABRICATION DE POLYMERES ABSORBANTS FORMANT UN HYDROGEL IMPREGNE DE PARFUM</b> [72] MAENO, SHUJI, JP [72] RODRIGUEZ, PEDRO ANTONIO, US [72] REZAI, EBRAHIM, JP [72] HSUEH, KESYN FUGGER, JP [72] SHIMIZU, MOTOHIRO, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-01-21 [86] 1997-07-24 (PCT/US97/13014) [87] 1999-02-04 (WO99/04830)</p>	<p style="text-align: right;">[21] <b>2,298,014</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>ABSORBENT ARTICLES HAVING A LIQUID SWELLABLE BREATHABLE BACKSHEET</b> [54] <b>ARTICLES ABSORBANTS COMPORTANT UNE FEUILLE INFERIEURE RESPIRANTE POUVANT GONFLER AU CONTACT DE LIQUIDES</b> [72] CORZANI, ITALO, IT [72] DIVO, MICHAEL, DE [72] CIAMMAICHELLA, FABIO, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-01-21 [86] 1998-07-23 (PCT/US98/15569) [87] 1999-02-04 (WO99/04741) [30] EP (97112814.5) 1997-07-25</p>	<p style="text-align: right;">[21] <b>2,298,034</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 8/42 7A61K 6/00 7C09K 3/00</b> [25] EN [54] <b>ANTIMICROBIAL DENTURE ADHESIVE AND CLEANSER COMPOSITIONS</b> [54] <b>ADHESIF ANTIMICROBIEN POUR PROTHESE DENTAIRE ET COMPOSITIONS NETTOYANTES</b> [72] GASMAN, ROBERT C., US [72] KOLIAS, FRED G., US [72] WONG, EDDIE, US [71] BLOCK DRUG COMPANY, INC., US [85] 2000-01-21 [86] 1999-05-27 (PCT/US99/11705) [87] 1999-12-02 (WO99/61491) [30] US (09/087,741) 1998-05-29</p>
<p style="text-align: right;">[21] <b>2,298,012</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>ADJUSTABLE COMPOUND SANITARY NAPKIN</b> [54] <b>SERVIETTE HYGIENIQUE COMPOSEE AJUSTABLE</b> [72] MCFALL, RONALD RAY, US [72] AHR, NICHOLAS ALBERT, US [72] HINES, LETHA MARGORY, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-01-21 [86] 1998-07-15 (PCT/US98/14824) [87] 1999-02-04 (WO99/04740) [30] US (08/900,252) 1997-07-25</p>	<p style="text-align: right;">[21] <b>2,298,033</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 229/42 7A61K 31/195</b> [25] EN [54] <b>CERTAIN 5-ALKYL-2-ARYLAMINOPHENYLACETIC ACIDS AND DERIVATIVES</b> [54] <b>CERTAINS ACIDES 5-ALKYL-2-ARYLAMINOPHENYLACETIQUES ET LEURS DERIVES</b> [72] FUJIMOTO, ROGER AKI, US [72] VAN DUZER, JOHN HENRY, US [72] XU, DAQIANG, US [72] MCQUIRE, LESLIE WIGHTON, US [72] MUGRAGE, BENJAMIN BIRO, US [71] NOVARTIS AG, CH [85] 2000-01-18 [86] 1998-08-26 (PCT/EP98/05414) [87] 1999-03-11 (WO99/11605) [30] US (60/069,837) 1997-08-28 [30] US (60/057,803) 1997-08-28</p>	<p style="text-align: right;">[21] <b>2,298,057</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07F 9/6561 7A61K 31/675</b> [25] EN [54] <b>NUCLEOTIDE ANALOG COMPOSITIONS</b> [54] <b>COMPOSITIONS D'ANALOGUE DE NUCLEOTIDE</b> [72] MANES, LAWRENCE V., US [72] LEE, THOMAS T. K., US [72] ARIMILLI, MURTY N., US [72] MUNGER, JOHN DR., JR., US [72] PRISBE, ERNEST J., US [72] KELLY, DAPHNE E., US [72] SCHULTZE, LISA M., US [71] GILEAD SCIENCES, INC., US [85] 2000-01-24 [86] 1998-07-23 (PCT/US98/15304) [87] 1999-02-04 (WO99/04774) [30] US (08/900,745) 1997-07-25 [30] US (60/053,771) 1997-07-25 [30] US (08/900,745 (CIP)) 1997-07-25 [30] US (60/053,771 (CIP)) 1997-07-25</p>
<p style="text-align: right;">[21] <b>2,298,013</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08L 13/02 7C08F 236/04 7C08L 9/10</b> [25] EN [54] <b>ELASTOMERIC MATERIAL FOR RUBBER ARTICLES</b> [54] <b>MATIERE ELASTOMERE POUR ARTICLES EN CAOUTCHOUC</b> [72] GHOSAL, KANCHAN, US [72] KRISHNAN, VENKATARAM, US [71] REICHHOLD CHEMICALS, INC., US [85] 2000-01-21 [86] 1998-07-31 (PCT/US98/16022) [87] 1999-02-11 (WO99/06481) [30] US (08/918,719) 1997-08-04</p>		

## Demandes PCT entrant en phase nationale

[21] **2,298,059**  
[13] A1

[51] **Int.Cl. 7C07F 9/6561 7A61K 31/675**  
[25] EN  
[54] **NUCLEOTIDE ANALOG  
COMPOSITION AND SYNTHESIS  
METHOD**  
[54] **COMPOSITION D'ANALOGUES  
DE NUCLEOTIDES ET PROCEDE DE  
SYNTHESE**  
[72] MUNGER, JOHN D., JR., US  
[72] ROHLOFF, JOHN C., US  
[72] SCHULTZE, LISA M., US  
[71] GILEAD SCIENCES, INC., US  
[85] 2000-01-24  
[86] 1998-07-23 (PCT/US98/15254)  
[87] 1999-02-04 (WO99/05150)  
[30] US (08/900,752) 1997-07-25  
[30] US (60/053,777) 1997-07-25  
[30] US (08/900,752 (CON)) 1997-07-25  
[30] US (60/053,777 (CON)) 1997-07-25

[21] **2,298,061**  
[13] A1

[51] **Int.Cl. 7C07H 21/00 7C08F 283/00  
7C08F 293/00 7A61K 48/00 7C08L 71/02  
7A61K 31/70 7A61K 31/715**  
[25] EN  
[54] **POLYNUCLEOTIDE  
COMPOSITIONS**  
[54] **COMPOSITIONS  
POLYNUCLEOTIDIQUES**  
[72] ALAKOV, VALERY Y., US  
[72] KABANOV, ALEXNADER V., US  
[72] VINOGRADOV, SERGEY V., US  
[71] SUPRATEK PHARMA INC., CA  
[85] 2000-01-25  
[86] 1998-07-31 (PCT/US98/16012)  
[87] 1999-02-11 (WO99/06055)  
[30] US (08/912,968) 1997-08-01  
[30] US (09/124,943) 1998-07-30

[21] **2,298,062**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00  
7C12N 9/10 7A61K 38/17 7A61K 38/45  
7C07K 14/47 7C12N 15/54 7C12N 15/86  
7C12N 15/88**  
[25] FR  
[54] **PRODUITS DE THERAPIE  
GENIQUE ET PROTEIQUE DE LA  
MUCOVISCIDOSE ET INDUCTEURS  
D'UNE FONCTION DE GLUTATHION-  
S-TRANSFERASE**  
[54] **GENETIC AND PROTEIN  
THERAPY PRODUCTS FOR TREATING  
CYSTIC FIBROSIS AND INDUCING A  
GLUTATHIONE-S-TRANSFERASE  
FUNCTION**  
[72] LALLEMAND, JEAN-YVES, FR  
[72] LENOIR, GERARD, FR  
[72] BARTHE, JOEL, FR  
[72] ANNEREAU, JEAN-PHILIPPE, FR  
[72] STOVEN, VERONIQUE, FR  
[71] ASSISTANCE PUBLIQUE-  
HOPITAUX DE PARIS, FR  
[85] 2000-01-20  
[86] 1998-07-30 (PCT/FR98/01704)  
[87] 1999-02-11 (WO99/06547)  
[30] FR (97/09829) 1997-07-31

[21] **2,298,063**  
[13] A1

[51] **Int.Cl. 7C07K 14/35 7A61K 48/00  
7C12N 15/11 7C12N 15/12 7C12N 1/21  
7C12N 1/36 7G01N 33/53**  
[25] FR  
[54] **SOUCHES DE MYCOBACTERIUM  
DONT LE GENE ERP EST MODIFIE ET  
COMPOSITION VACCINALE LA  
CONTENANT**  
[54] **MYCOBACTERIUM STRAIN WITH  
MODIFIED ERP GENE AND VACCINE  
COMPOSITION CONTAINING SAME**  
[72] GICQUEL, BRIGITTE, FR  
[72] BERTHET, FRANCOIS-XAVIER, FR  
[71] INSTITUT PASTEUR, FR  
[85] 2000-01-20  
[86] 1998-07-22 (PCT/FR98/01627)  
[87] 1999-02-04 (WO99/05168)  
[30] FR (97/09303) 1997-07-22

[21] **2,298,064**  
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00  
7C12N 5/10**  
[25] FR  
[54] **VECTEURS ADENOVIRAUX  
CHIMERES**  
[54] **CHIMERIC ADENOVIRAL  
VECTORS**  
[72] LUSKY, MONIKA, DE  
[72] WINTER, AREND JAN, FR  
[72] MEHTALI, MAJID, NL  
[71] TRANSGENE S.A., FR  
[85] 2000-01-27  
[86] 1999-05-27 (PCT/FR99/01238)  
[87] 1999-12-02 (WO99/61638)  
[30] FR (98 06654) 1998-05-27

[21] **2,298,065**  
[13] A1

[51] **Int.Cl. 7A61K 47/48**  
[25] EN  
[54] **IMMOBILIZATION OF VITAMIN A  
ACID BY CATIONIC  
POLYELECTROLYTES**  
[54] **IMMOBILISATION D'ACIDE DE  
VITAMINE A PAR DES  
POLYELECTROLYTES CATIONIQUES**  
[72] THUNEMANN, ANDREAS, DE  
[71] MAX-PLANCK-GESELLSCHAFT  
ZUR FORDERUNG DER  
WISSENSCHAFTEN E.V., DE  
[85] 2000-01-25  
[86] 1998-07-24 (PCT/EP98/04644)  
[87] 1999-02-04 (WO99/04821)  
[30] DE (197 32 139.9) 1997-07-25

## PCT Applications Entering the National Phase

[21] **2,298,068**  
[13] A1

[51] **Int.Cl. 7C12N 5/04 7A01H 5/00**  
7C12N 9/00 7C12N 15/05 7A01H 5/10  
7C12N 5/14 7C12N 15/29 7C12N 15/31  
7C12N 9/36 7C12N 9/42 7C12N 15/63  
7C12N 15/82

[25] EN

[54] **TRANSGENIC PLANTS OF ALTERED MORPHOLOGY AND THE ISOLATED ARABIDOPSIS THALIANA ENDO-1,4-BETA.-GLUCANASE GENE, PROMOTER AND PROTEIN**

[54] **PLANTES TRANSGENIQUES A MORPHOLOGIE MODIFIEE ET GENE, PROMOTEUR ET PROTEINE DE L'ENDO-1,4-BETA.-GLUCANASE ISOLEES A PARTIR D'ARABIDOPSIS THALIANA**

[72] SHPIEGL, ETAI, IL  
[72] SHOSEYOV, ODED, IL  
[72] SHANI, ZIV, IL  
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL

[85] 2000-01-25  
[86] 1998-07-26 (PCT/IL98/00345)  
[87] 1999-02-18 (WO99/07830)  
[30] IL (121404) 1997-07-27  
[30] US (09/006,632) 1998-01-13  
[30] US (09/006,636) 1998-01-13

[21] **2,298,100**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00**  
7C12N 9/10 7C07K 16/14 7G01N 33/50  
7C12N 15/54 7C12Q 1/68

[25] EN

[54] **HOW TO AFFECT THE CHLOROPHYLL BIOSYNTHESIS IN PLANTS**

[54] **COMMENT INFLUER SUR LA BIOSYNTHESE DE LA CHLOROPHYLLE CHEZ LES VEGETAUX**

[72] GRIMM, BERNHARD, DE  
[71] INSTITUT FUR PFLANZENGENETIK UND KULTURPFLANZENFORSCHUNG, DE

[85] 2000-02-10  
[86] 1997-11-18 (PCT/DE97/02699)  
[87] 1998-06-11 (WO98/24920)  
[30] DE (196 50 216.0) 1996-12-04

[21] **2,298,101**  
[13] A1

[51] **Int.Cl. 7C07K 14/00 7C07K 7/08**  
7A61K 38/10 7A61K 38/16 7C07K 14/47  
7G01N 33/68

[25] EN

[54] **NOVEL SYNTHETIC PEPTIDES WITH ANTIMICROBIAL AND ENDOTOXIN NEUTRALIZING PROPERTIES FOR MANAGEMENT OF THE SEPSIS SYNDROME**

[54] **NOUVEAUX PEPTIDES SYNTHETIQUES POSSEDANT DES PROPRIETES ANTIMICROBIENNES ET DE NEUTRALISATION D'ENDOTOXINES ET PERMETTANT DE LUTTER CONTRE LE SYNDROME DE SEPTICEMIE**

[72] VAN DEVENTER, SANDER JAN HENDRIK, NL  
[72] APPELMELK, BERNARD JAN J., NL  
[72] ABRAHAM, PHILIP RICHARD, NL  
[71] ACADEMISCH ZIEKENHUIS BIJ DE UNIVERSITEIT VAN AMSTERDAM, NL

[85] 2000-01-25  
[86] 1997-07-31 (PCT/NL97/00449)  
[87] 1999-02-11 (WO99/06440)

[21] **2,298,102**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR DETERMINING ANTI-VIRAL DRUG SUSCEPTIBILITY AND RESISTANCE AND ANTI-VIRAL DRUG SCREENING**

[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE DETERMINER LA SENSIBILITE ET LA RESISTANCE VIS-A-VIS DE MEDICAMENTS ANTIVIRAUX, ET CRIBLAGE DE MEDICAMENTS ANTIVIRAUX**

[72] CAPON, DANIEL J., US  
[72] PARKIN, NEIL T., US  
[72] WHITCOMB, JEANNETTE M., US  
[71] VIROLOGIC, INC., US

[85] 2000-01-26  
[86] 1998-07-30 (PCT/US98/15967)  
[87] 1999-02-11 (WO99/06597)  
[30] US (08/903,507) 1997-07-30

[21] **2,298,106**  
[13] A1

[51] **Int.Cl. 7C12N 15/16 7C12N 1/21**

[25] EN

[54] **A RECOMBINANT EXPRESSION VECTOR OF HUMAN PARATHYROID HORMONE USING PHOSPHORIBULOKINASE AS A FUSION PARTNER**

[54] **VECTEUR D'EXPRESSION DE RECOMBINAISON ET PARATHORMONE HUMAINE UTILISANT PHOSPHORIBULOKINASE COMME PARTENAIRE DE FUSION**

[72] CHUNG, SOO-II, KR  
[72] PARK, DOO-HONG, KR  
[72] JUNG, EUN-KYUNG, KR  
[71] MOGAM BIOTECHNOLOGY RESEARCH INSTITUTE, KR

[85] 2000-01-25  
[86] 1998-06-05 (PCT/KR98/00146)  
[87] 1999-02-04 (WO99/05277)  
[30] KR (1997/35230) 1997-07-25

[21] **2,298,414**  
[13] A1

[51] **Int.Cl. 7A61K 38/18 7A61L 27/00**  
7C12N 5/10 7C12N 15/12 7C12N 1/21  
7C07K 14/475

[25] EN

[54] **METHOD FOR PREVENTING AND TREATING HEARING LOSS USING A NEURTURIN PROTEIN PRODUCT**

[54] **PROCEDES DE PREVENTION ET DE TRAITEMENT DES PERTES D'AUDITION A L'AIDE D'UN PRODUIT PROTEIQUE DE NEURTURINE**

[72] MAGAL, ELLA, US  
[72] DELANEY, JOHN M., US  
[71] AMGEN INC., US

[85] 2000-01-26  
[86] 1998-07-17 (PCT/US98/14600)  
[87] 1999-02-11 (WO99/06064)  
[30] US (60/054,184) 1997-07-30  
[30] US (09/106,486) 1998-06-29

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,298,420</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/80</b> [25] EN [54] <b>PRODUCTION PROCESS OF VARYING THICKNESS OSTEOSYNTHESIS PLATES</b> [54] <b>PROCESSUS DE FABRICATION DE PLAQUES D'ÉPAISSEURS VARIABLES, DESTINÉES À L'OSTEOSYNTHESE</b> [72] CARTA, MAURIZIO, IT [72] MAGRINI, ANNA, IT [71] MAGRINI, ANNA, IT [85] 1999-03-01 [86] 1997-09-01 (PCT/IT97/00217) [87] 1998-03-12 (WO98/09578) [30] IT (GE96A000076) 1996-09-04</p>	<p style="text-align: right;">[21] <b>2,298,442</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/70</b> [25] EN [54] <b>TRANSDERMAL THERAPY SYSTEM (TTS) FOR RELEASING AN ACTIVE AGENT INTO AN ORGANISM THROUGH THE SKIN AND METHOD FOR APPLYING SAID TRANSDERMAL THERAPY SYSTEM TO THE SKIN</b> [54] <b>SYSTEME THERAPEUTIQUE TRANSDERMIQUE (TTS) PERMETTANT D'INTRODUIRE UN PRINCIPE ACTIF DANS UN ORGANISME PAR LA PEAU ET PROCEDE D'APPLICATION SUR LA PEAU</b> [72] VON KLEINSORGEN, REINHARD, DE [71] LTS LOHMANN THERAPIE-SYSTEME AG, DE [85] 2000-02-01 [86] 1998-08-01 (PCT/EP98/04824) [87] 1999-02-18 (WO99/07349) [30] DE (197 33 981.6) 1997-08-06</p>	<p style="text-align: right;">[21] <b>2,298,444</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60C 11/00 7B60C 19/00</b> [25] EN [54] <b>TREAD ARCS FOR NONROTATABLE AUTOMOBILE AND LIGHT TRUCK TIRES</b> [54] <b>ARCS DE BANDES DE ROULEMENT POUR VEHICULES AUTOMOBILES ET UTILITAIRES LEGERS A QUATRE ROUES</b> [72] SCARPITTI, ANTHONY JOHN, US [72] MILLER, FREDERICK WILLIAM, US [72] KOLOWSKI, MICHAEL ALOIS, US [72] GILLIAM, DONALD WOODROW, US [72] TRARES, KEITH CARL, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 2000-02-01 [86] 1997-09-17 (PCT/US97/16906) [87] 1999-03-25 (WO99/14064)</p>
<p style="text-align: right;">[21] <b>2,298,440</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23K 1/18 7A23K 1/00</b> [25] EN [54] <b>SLOW SINKING PELLETS OR GRANULES FOR USE IN FISH BREEDING</b> [54] <b>PASTILLES OU GRANULES DESCENDANT LENTEMENT DESTINES A LA PISCICULTURE</b> [72] BERNDL, GUNTHER, DE [72] BREITENBACH, JORG, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-01-31 [86] 1998-07-21 (PCT/EP98/04551) [87] 1999-02-11 (WO99/05919) [30] DE (19733504.7) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,298,443</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C25C 7/08</b> [25] EN [54] <b>HOLDER FOR A MOTHER PLATE</b> [54] <b>DISPOSITIF DE RETENUE POUR FEUILLE DE DEPART</b> [72] LARSSON, HANS-O., SE [71] OUTOKUMPU OYJ, FI [85] 2000-02-01 [86] 1998-08-07 (PCT/FI98/00621) [87] 1999-02-18 (WO99/07920) [30] FI (973288) 1997-08-11</p>	<p style="text-align: right;">[21] <b>2,298,445</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/12 7A61K 31/70 7A61K 9/72 7A61K 31/727</b> [25] EN [54] <b>METHOD AND COMPOSITIONS FOR TREATING LATE PHASE ALLERGIC REACTIONS AND INFLAMMATORY DISEASES</b> [54] <b>PROCEDE ET COMPOSITIONS PERMETTANT DE TRAITER DES REACTIONS ALLERGIQUES ET DES TROUBLES INFLAMMATOIRES TARDIFS</b> [72] AHMED, TAHIR, US [71] BAKER NORTON PHARMACEUTICALS, INC., US [85] 2000-02-01 [86] 1998-08-04 (PCT/US98/16111) [87] 1999-02-11 (WO99/06025) [30] US (08/904,565) 1997-08-04</p>
<p style="text-align: right;">[21] <b>2,298,441</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 29/06</b> [25] EN [54] <b>SYSTEM AND METHOD FOR TRANSMITTING AND RECEIVING DATA</b> [54] <b>SYSTEME ET PROCEDE D'ÉMISSION/RECEPTION DE DONNEES</b> [72] BLACKWELL, BRUCE A., US [72] DEMERS, TIMOTHY B., US [72] BOYER, FRANKLIN E., US [71] UNITED VIDEO PROPERTIES, INC., US [85] 2000-01-31 [86] 1998-07-15 (PCT/US98/14435) [87] 1999-02-11 (WO99/07124) [30] US (08/905,452) 1997-08-01</p>		

## PCT Applications Entering the National Phase

[21] **2,298,447**  
[13] A1

[51] **Int.Cl. 7A61M 5/32**  
[25] EN  
[54] **NEEDLE REMOVAL AND CONTAINMENT DEVICE AND METHOD OF USING SAME**  
[54] **DISPOSITIF SERVANT A CONTENIR ET A RETIRER UNE AIGUILLE ET SON PROCEDE D'UTILISATION**  
[72] BELL, CRAIG J., US  
[71] MEDCARE MEDICAL GROUP, INC., US  
[85] 2000-02-01  
[86] 1998-08-06 (PCT/US98/16408)  
[87] 1999-02-18 (WO99/07424)  
[30] US (08/910,928) 1997-08-08

[21] **2,298,448**  
[13] A1

[51] **Int.Cl. 7A61M 11/00**  
[25] EN  
[54] **BREATH COORDINATED INHALER**  
[54] **INHALATEUR**  
[72] HAUSER, STEPHEN G., US  
[71] KOS PHARMACEUTICALS, INC., US  
[85] 2000-02-01  
[86] 1998-04-03 (PCT/US98/06656)  
[87] 1999-10-14 (WO99/51291)

[21] **2,298,450**  
[13] A1

[51] **Int.Cl. 7B22D 17/00 7B22C 3/00**  
[25] EN  
[54] **THERMAL SHOCK RESISTANT APPARATUS FOR MOLDING THIXOTROPIC MATERIALS**  
[54] **APPAREIL RESISTANT AUX CHOCS THERMIQUES POUR LE MOULAGE DES MATERIAUX THIXOTROPES**  
[72] KILBERT, ROBERT, US  
[72] DECKER, RAYMOND F., US  
[72] CARNAHAN, ROBERT D., US  
[72] WALUKAS, D. MATTHEW, US  
[72] VINING, RALPH, US  
[72] VANSCHILT, CHARLES, US  
[72] NEWMAN, RICH, US  
[71] THIXOMAT, INC., US  
[85] 2000-02-01  
[86] 1998-09-29 (PCT/US98/20623)  
[87] 1999-04-08 (WO99/16565)  
[30] US (940,631) 1997-09-30

[21] **2,298,451**  
[13] A1

[51] **Int.Cl. 7C12N 15/00 7A61K 38/00 7C07K 14/00 7C07H 21/02 7C07H 21/04 7C12N 15/11 7C12N 1/21 7C12N 15/63**  
[25] EN  
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**  
[72] JACOBS, KENNETH, US  
[72] RACIE, LISA A., US  
[72] McCOY, JOHN M., US  
[72] LaVALLIE, EDWARD R., US  
[72] TREACY, MAURICE, US  
[72] MERBERG, DAVID, US  
[72] EVANS, CHERYL, US  
[72] STEININGER, ROBERT J., II, US  
[72] AGOSTINO, MICHAEL J., US  
[71] GENETICS INSTITUTE, INC., US  
[85] 2000-02-04  
[86] 1998-08-06 (PCT/US98/16318)  
[87] 1999-02-18 (WO99/07840)  
[30] US (08/906,708) 1997-08-06  
[30] US (09/130,189) 1998-08-04

[21] **2,298,452**  
[13] A1

[51] **Int.Cl. 7A63F 13/00**  
[25] EN  
[54] **RECORDED MEDIUM AND ENTERTAINMENT SYSTEM**  
[54] **SUPPORT ENREGISTRE ET SYSTEME RECREATIF**  
[72] TAKATSUKA, SUSUMU, JP  
[72] YAMADA, YUJI, JP  
[72] SHIMOOKA, KENKICHI, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2000-02-01  
[86] 1999-05-31 (PCT/JP99/02895)  
[87] 1999-12-09 (WO99/62605)  
[30] JP (10/151528) 1998-06-01

[21] **2,298,453**  
[13] A1

[51] **Int.Cl. 7A23B 7/10 7C12P 17/00 7C12N 1/20**  
[25] EN  
[54] **PROCESS FOR PRODUCING SEASONING LIQUORS WITH FLAVOR OF VEGETABLES PICKLED IN SALTED RICE BRAN PASTE**  
[54] **PROCEDE DE PRODUCTION D'ASSAISONNEMENTS LIQUIDES AYANT LA SAVEUR DE LEGUMES MARINES DANS UNE PATE DE SON DE RIZ SALEE**  
[72] KATAHIRA, HIROSHI, JP  
[72] ANDO, KATSUHIKO, JP  
[72] YOKOI, ATSUKO, JP  
[72] OZAWA, KYOKO, JP  
[72] OCHIAI, KEIKO, JP  
[72] TOKUNAGA, CHIKARA, JP  
[72] YASHIRO, ATSUSHI, JP  
[72] SAITOH, CHIAKI, JP  
[72] OGATA, NOBUO, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2000-01-27  
[86] 1999-05-28 (PCT/JP99/02854)  
[87] 1999-12-09 (WO99/62347)  
[30] JP (166226/98) 1998-05-29

[21] **2,298,455**  
[13] A1

[51] **Int.Cl. 7A23C 19/024 7A01J 25/00 7A23C 20/02 7A23C 19/045 7A23C 19/068 7A23J 1/20**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PRODUCING SOFT PROTEIN FOODS**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE PRODUIRE DES ALIMENTS PROTEIQUES MOUS**  
[72] MODLER, H. WAYNE, CA  
[71] HIGHLAND EQUIPMENT LIMITED, CA  
[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF AGRICULTURE, CA  
[85] 2000-01-21  
[86] 1998-07-27 (PCT/CA98/00723)  
[87] 1999-02-04 (WO99/04642)  
[30] CA (2,211,453) 1997-07-25

## Demandes PCT entrant en phase nationale

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[21] **2,298,458**  
[13] A1  
[51] **Int.Cl. 7A61K 39/00 7A23J 1/00  
7C07K 1/00 7C07K 14/00 7C07K 16/00  
7C07K 17/00 7A61K 39/02 7A61K 39/108  
7A61K 39/38**  
[25] EN  
[54] **MASS SPECTROMETRY OF  
COLONIZATION FACTORS**  
[54] **SPECTROSCOPIE DE MASSE DE  
FACTEURS DE COLONISATION**  
[72] PANNEL, LEWIS K., US  
[72] CASSELS, FREDERICK J., US  
[71] UNITED STATES GOVERNMENT,  
AS REPRESENTED BY THE  
DEPARTMENT OF THE ARMY, US  
[71] UNITED STATES GOVERNMENT,  
AS REPRESENTED BY THE  
DEPARTMENT OF HEALTH AND, US  
[85] 1999-11-02  
[86] 1998-05-01 (PCT/US98/08768)  
[87] 1998-11-12 (WO98/50068)  
[30] US (60/045,511) 1997-05-02

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[21] **2,298,459**  
[13] A1  
[51] **Int.Cl. 7G01N 33/533 7G01N 33/00  
7G01N 21/64**  
[25] EN  
[54] **DETECTION OF CHEMICAL  
AGENT MATERIALS USING A  
SORBENT POLYMER AND  
FLUORESCENT PROBE**  
[54] **DETECTION DES MATIERES D'UN  
AGENT CHIMIQUE PAR UTILISATION  
D'UN POLYMER SORBANT ET  
SONDE A FLUORESCENCE**  
[72] REYNOLDS, ROGER L., US  
[72] RAYMONDA, JOHN, US  
[72] LO, K. PETER, US  
[72] GROGER, HOWARD P., US  
[71] CALSPAN CORPORATION, US  
[71] AMERICAN RESEARCH  
CORPORATION OF VIRGINIA, US  
[85] 1999-12-06  
[86] 1998-06-10 (PCT/US98/12382)  
[87] 1999-01-14 (WO99/01737)  
[30] US (60/049,270) 1997-06-10

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[21] **2,298,460**  
[13] A1  
[51] **Int.Cl. 7G05D 23/19**  
[25] EN  
[54] **SWITCHING ELEMENT AND A  
METHOD FOR THE CONTROL  
THEREOF**  
[54] **ELEMENT DE COMMUTATION ET  
PROCEDE PERMETTANT D'EN  
ASSURER LA COMMANDE**  
[72] NITSCHKE, THOMAS, DE  
[71] NITSCHKE, THOMAS, DE  
[85] 1999-12-23  
[86] 1998-06-30 (PCT/EP98/03989)  
[87] 1999-01-14 (WO99/01807)  
[30] DE (197 28 066.8) 1997-07-01

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[21] **2,298,461**  
[13] A1  
[51] **Int.Cl. 7C07D 231/20 7C07D 401/12  
7A01N 43/56**  
[25] EN  
[54] **HETEROCYCLIC SUBSTITUTED  
4-BENZOYL-PYRAZOLE AS  
HERBICIDES**  
[54] **4-BENZOYL-PYRAZOLE  
HETEROCYCLIQUEMENT  
SUBSTITUE COMME HERBICIDES**  
[72] WITSCHKE, MATTHIAS, DE  
[72] OTTEN, MARTINA, DE  
[72] ENGEL, STEFAN, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] RHEINHEIMER, JOACHIM, DE  
[72] WALTER, HELMUT, DE  
[72] WAGNER, OLIVER, DE  
[72] BAUMANN, ERNST, DE  
[72] VON DEYN, WOLFGANG, DE  
[72] MISSLITZ, ULF, DE  
[72] HILL, REGINA LUISE, DE  
[72] MAYER, GUIDO, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-02-01  
[86] 1998-07-23 (PCT/EP98/04635)  
[87] 1999-03-04 (WO99/10328)  
[30] DE (19734148.9) 1997-08-07

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[21] **2,298,462**  
[13] A1  
[51] **Int.Cl. 7C07D 231/12 7C07D 231/14  
7A01N 43/56**  
[25] EN  
[54] **2-BENZOYL-CYCLOHEXANE-1,3-  
DIONE AS HERBICIDES**  
[54] **2-BENZOYL-CYCLOHEXANE-1,3-  
DIONE A USAGE D'HERBICIDE**  
[72] WITSCHKE, MATTHIAS, DE  
[72] OTTEN, MARTINA, DE  
[72] WALTER, HELMUT, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] WAGNER, OLIVER, DE  
[72] ENGEL, STEFAN, DE  
[72] MISSLITZ, ULF, DE  
[72] RHEINHEIMER, JOACHIM, DE  
[72] MAYER, GUIDO, DE  
[72] HILL, REGINA LUISE, DE  
[72] VON DEYN, WOLFGANG, DE  
[72] BAUMANN, ERNST, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-02-01  
[86] 1998-08-05 (PCT/EP98/04634)  
[87] 1999-03-04 (WO99/10327)  
[30] DE (19734164.0) 1997-08-07

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[21] **2,298,463**  
[13] A1  
[51] **Int.Cl. 7A46B 15/00**  
[25] EN  
[54] **TOOTHBRUSH**  
[54] **BROSSE A DENTS**  
[72] HUKUBA, NORIHIRO, JP  
[72] HUKUBA, HIROSHI, JP  
[72] KOUNO, YUKITO, JP  
[72] KOBAYASHI, KIYOSHI, JP  
[71] HUKUBA DENTAL KABUSHIKI  
KAISHA, JP  
[85] 2000-01-28  
[86] 1999-05-31 (PCT/JP99/02898)  
[87] 1999-12-09 (WO99/62372)  
[30] JP (10-149135) 1998-05-29

## PCT Applications Entering the National Phase

[21] **2,298,464**  
[13] A1

[51] **Int.Cl. 7A61K 31/60 7A61K 9/00 7A61K 47/08 7A61K 47/10 7A61K 9/12 7A61K 47/22 7A61K 47/26**  
[25] EN  
[54] **METHOD FOR PRODUCING STABLE ACETYLSALICYLIC ACID SOLUTIONS**  
[54] **PROCEDE POUR PREPARER DES SOLUTIONS STABLES D'ACIDE ACETYLSALICYLIQUE**  
[72] BURGHART, KURT, DE  
[72] BURGHART, WALTER, AT  
[71] BURGHART, KURT, DE  
[71] BURGHART, WALTER, AT  
[85] 2000-01-14  
[86] 1998-07-15 (PCT/AT98/00173)  
[87] 1999-01-28 (WO99/03474)  
[30] AT (A 1206/97) 1997-07-15

[21] **2,298,465**  
[13] A1

[51] **Int.Cl. 7C08G 77/14 7C09D 183/06 7C09D 183/12 7C08G 77/26 7C08G 77/28 7C08G 77/38**  
[25] EN  
[54] **ACETOACETATE FUNCTIONAL POLYSILOXANES**  
[54] **POLYSILOXANES FONCTIONNELS D'ACETO-ACETATE**  
[72] WILT, TRUMAN F., US  
[72] WOLFF, ANDREW R., US  
[72] WALTERS, DAVID N., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-01-28  
[86] 1998-07-21 (PCT/US98/15536)  
[87] 1999-02-11 (WO99/06471)  
[30] US (08/904,596) 1997-08-01

[21] **2,298,466**  
[13] A1

[51] **Int.Cl. 7E02F 5/10 7E02D 3/046**  
[25] EN  
[54] **THE METHOD FOR PADDING GROUND BELOW A DUCT USING EXCAVATED SOIL, DEVICE FOR REALISING THE SAME, EQUIPMENT FOR COMPACTING SOIL BELOW A DUCT AND SOIL-COMPACTING MECHANISM**  
[54] **PROCEDE PERMETTANT DE DAMER LE SOL SOUS UNE CONDUITE AVEC DE LA TERRE EXCAVEE, DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE, EQUIPEMENT PERMETTANT DE COMPACTER DE LA TERRE SOUS UNE CONDUITE ET MECANISME DE COMPACTAGE DE TERRE**  
[72] KOVAL, ANDREI B., UA  
[72] LEICHENKO, JURY B., UA  
[72] YAKOVLEV, VIKTOR I., UA  
[72] MAMONTOV, JURY M., RU  
[72] VASILENKO, STANISLAV K., UA  
[72] SCRIPKOVSKY, ALEXEY N., UA  
[72] MUSIIKO, VLADIMIR D., UA  
[72] MOVCHAN, ALY A., UA  
[72] BYKOV, ALEXANDR V., UA  
[72] KUMYLGANOV, ALEXANDR S., RU  
[72] CHERNAEV, VALERY D., RU  
[71] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU NAUCHNO-ISLEDOVATELSKY I TE, UA  
[71] AKTSIONERNOE OBSHESTVO OTKRYTOGO TIP A AKTSIONERNAYA KOMPANIA PO TRANSP O, RU  
[85] 2000-01-20  
[86] 1998-06-26 (PCT/UA98/00011)  
[87] 1999-01-07 (WO99/00556)  
[30] UA (97063284) 1997-06-27

[21] **2,298,467**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **DATA PROCESSING SYSTEM AND METHOD FOR FACILITATING TRANSACTIONS IN DIAMONDS**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE L'INFORMATION PERMETTANT DE FACILITER LES TRANSACTIONS EN DIAMANTS**  
[72] BORGATO, SERGIO, US  
[71] BORGATO, SERGIO, US  
[85] 2000-01-28  
[86] 1998-07-23 (PCT/US98/15338)  
[87] 1999-02-04 (WO99/05629)  
[30] US (08/902,524) 1997-07-28

[21] **2,298,468**  
[13] A1

[51] **Int.Cl. 7C08F 2/50 7G03F 7/031**  
[25] EN  
[54] **NOVEL PHOTOINITIATORS AND APPLICATIONS THEREFOR**  
[54] **NOUVEAUX PHOTOAMORCEURS ET APPLICATIONS**  
[72] MACDONALD, JOHN GAVIN, US  
[72] NOHR, RONALD SINCLAIR, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-01-28  
[86] 1999-05-28 (PCT/US99/12104)  
[87] 1999-12-09 (WO99/62962)  
[30] US (60/087,866) 1998-06-03

[21] **2,298,469**  
[13] A1

[51] **Int.Cl. 7C09J 7/02 7C09D 183/10 7C08G 18/61**  
[25] EN  
[54] **SILOXANE BLOCK COPOLYMERS FOR PRINTABLE RELEASE COATING**  
[54] **COPOLYMERES BLOCS DE SILOXANE POUR COUCHE DE DECOLLEMENT IMPRIMABLE**  
[72] CHEN, XIN, US  
[71] MOORE BUSINESS FORMS, INC., US  
[85] 2000-01-20  
[86] 1998-08-25 (PCT/US98/17424)  
[87] 1999-03-18 (WO99/13015)  
[30] US (08/924,212) 1997-09-05

[21] **2,298,470**  
[13] A1

[51] **Int.Cl. 7C08L 95/00**  
[25] EN  
[54] **EMULSIFIED BITUMINOUS BINDER**  
[54] **LIANT BITUMINEUX EMULSIONNE**  
[72] BOUSSAD, NADJIB, FR  
[71] ESSO SOCIETE ANONYME FRANÇAISE, FR  
[85] 2000-01-28  
[86] 1998-08-05 (PCT/EP98/04875)  
[87] 1999-02-18 (WO99/07792)  
[30] FR (97/10267) 1997-08-11

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,298,471</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16B 33/02</b> [25] EN [54] <b>IMPROVED FIXING ANCHOR ELEMENT D'ANCRAGE AMELIORE</b> [72] GLOVER, FRANK, GB [71] UNIFIX LIMITED, GB [85] 2000-01-21 [86] 1998-07-27 (PCT/GB98/02233) [87] 1999-02-04 (WO99/05421) [30] GB (9715779.6) 1997-07-26</p>	<p style="text-align: right;">[21] <b>2,298,474</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 48/00 7C07K 5/00 7C07K 14/00 7C07H 21/04 7C12N 15/11 7C12N 5/12 7C12N 1/20 7G01N 33/53 7C12N 15/63</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF NEUROPSYCHIATRIC DISORDERS [54] PROCEDES ET COMPOSITIONS PERMETTANT LE DIAGNOSTIC ET LE TRAITEMENT DE TROUBLES NEUROPSYCHIATRIQUES</b> [72] FREIMER, NELSON B., US [72] CHEN, HONG, US [71] MILLENIUM PHARMACEUTICALS, INC., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2000-01-21 [86] 1998-07-22 (PCT/US98/15183) [87] 1999-02-04 (WO99/04825) [30] US (08/898,082) 1997-07-22</p>	<p style="text-align: right;">[21] <b>2,298,476</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/79 7C09D 175/06 7C08G 18/08 7C08G 18/70</b> [25] EN [54] <b>AQUEOUS DISPERSIONS CONTAINING POLYURETHANES WITH CARBODIIMIDE GROUPS [54] DISPERSIONS AQUEUSES CONTENANT DES POLYURETHANES AVEC DES GROUPES CARBODIIMIDE</b> [72] MOSSBACH, RALF, DE [72] GOTZ, THOMAS, DE [72] TREIBER, REINHARD, DE [72] KOKEL, NICOLAS, DE [72] LICHT, ULRIKE, DE [72] BEUTLER, KUNO, DE [72] HÄBERLE, KARL, DE [72] HUMMERICH, RAINER, DE [72] KAEHS, HELMUT, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-01-28 [86] 1998-07-20 (PCT/EP98/04483) [87] 1999-02-11 (WO99/06459) [30] DE (19733044.4) 1997-07-31 [30] DE (19816528.5) 1998-04-15</p>
<p style="text-align: right;">[21] <b>2,298,472</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 5/20</b> [25] EN [54] <b>IMPROVEMENTS RELATING TO INJECTION DEVICES [54] AMELIORATIONS CONCERNANT DES DISPOSITIFS D'INJECTION</b> [72] WEEKES, STUART, GB [72] ROLFE, STEVEN MARK GUY, GB [71] OWEN MUMFORD LIMITED, GB [85] 2000-01-28 [86] 1998-07-30 (PCT/GB98/02287) [87] 1999-02-11 (WO99/06100) [30] GB (9716065.9) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,475</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/17 7A61K 38/48 7A61K 38/55</b> [25] EN [54] <b>METHOD OF INHIBITING SIDE EFFECTS OF PHARMACEUTICAL COMPOSITIONS CONTAINING AMPHIPHILIC VEHICLES OR DRUG CARRIER MOLECULES [54] PROCEDE PERMETTANT D'INHIBER LES EFFETS SECONDAIRES DE COMPOSITIONS PHARMACEUTIQUES CONTENANT DES EXCIPIENTS AMPHIPHILES OU DES MOLECULES VECTEURS DE MEDICAMENTS</b> [72] ALVING, CARL R., US [72] SZEBENI, JANOS, US [71] WALTER REED ARMY INSTITUTE OF RESEARCH, US [85] 2000-01-28 [86] 1998-10-30 (PCT/US98/23280) [87] 1999-05-14 (WO99/22759) [30] US (60/063,876) 1997-10-31</p>	<p style="text-align: right;">[21] <b>2,298,477</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08G 1/16</b> [25] EN [54] <b>MULTI-FREQUENCY PHOTOELECTRIC DETECTION SYSTEM [54] SYSTEME DE DETECTION PHOTOELECTRIQUE MULTI-FREQUENCE</b> [72] LEWIS, ROBERT, US [72] JUDS, SCOTT, US [72] MATHEWS, PAUL, US [71] AUTO-SENSE, LTD., US [85] 2000-01-21 [86] 1998-07-22 (PCT/US98/15053) [87] 1999-02-04 (WO99/05661) [30] US (60/053,381) 1997-07-22</p>
<p style="text-align: right;">[21] <b>2,298,473</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 19/077</b> [25] EN [54] <b>DATA CARRIER WHICH CAN BE OPERATED WITHOUT CONTACT [54] SUPPORT DE DONNEES EXPLOITABLE SANS CONTACT</b> [72] WELLING, ANDO, DE [71] GIESECKE &amp; DEVRIENT GMBH, DE [85] 2000-01-21 [86] 1998-07-24 (PCT/EP98/04651) [87] 1999-02-04 (WO99/05647) [30] DE (197 31 983.1) 1997-07-24</p>	<p style="text-align: right;">[21] <b>2,298,474</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/17 7A61K 38/48 7A61K 38/55</b> [25] EN [54] <b>METHOD OF INHIBITING SIDE EFFECTS OF PHARMACEUTICAL COMPOSITIONS CONTAINING AMPHIPHILIC VEHICLES OR DRUG CARRIER MOLECULES [54] PROCEDE PERMETTANT D'INHIBER LES EFFETS SECONDAIRES DE COMPOSITIONS PHARMACEUTIQUES CONTENANT DES EXCIPIENTS AMPHIPHILES OU DES MOLECULES VECTEURS DE MEDICAMENTS</b> [72] ALVING, CARL R., US [72] SZEBENI, JANOS, US [71] WALTER REED ARMY INSTITUTE OF RESEARCH, US [85] 2000-01-28 [86] 1998-10-30 (PCT/US98/23280) [87] 1999-05-14 (WO99/22759) [30] US (60/063,876) 1997-10-31</p>	<p style="text-align: right;">[21] <b>2,298,477</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08G 1/16</b> [25] EN [54] <b>MULTI-FREQUENCY PHOTOELECTRIC DETECTION SYSTEM [54] SYSTEME DE DETECTION PHOTOELECTRIQUE MULTI-FREQUENCE</b> [72] LEWIS, ROBERT, US [72] JUDS, SCOTT, US [72] MATHEWS, PAUL, US [71] AUTO-SENSE, LTD., US [85] 2000-01-21 [86] 1998-07-22 (PCT/US98/15053) [87] 1999-02-04 (WO99/05661) [30] US (60/053,381) 1997-07-22</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,298,478</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 3/42</b> [25] EN [54] <b>ONE NUMBER LAN BASED CALENDAR</b> [54] <b>CALENDRIER POUR RESEAU LOCAL A NUMERO UNIQUE</b> [72] POLCYN, MICHAEL J., US [71] INTERVOICE LIMITED PARTNERSHIP, US [85] 2000-01-21 [86] 1998-07-24 (PCT/US98/15587) [87] 1999-02-04 (WO99/05845) [30] US (08/899,953) 1997-07-24</p>	<p style="text-align: right;">[21] <b>2,298,481</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>BIDDING FOR ENERGY SUPPLY</b> [54] <b>VENTE AUX ENCHERES D'ENERGIE</b> [72] JOHNSON, JACK J., US [72] COYLE, WILLIAM F., US [71] GEOPHONIC NETWORKS, INC., US [85] 2000-01-21 [86] 1998-02-24 (PCT/US98/02910) [87] 1998-09-11 (WO98/38844) [30] US (60/064,421) 1997-10-30 [30] US (60/039,041) 1997-02-24 [30] US (09/023,968) 1998-02-12</p>	<p style="text-align: right;">[21] <b>2,298,485</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 7/02 7B29C 41/14 7B29C 41/38</b> [25] EN [54] <b>DIAPHRAGM FOR HYGIENIC PROTECTION OF A MEDICAL STETHOSCOPE</b> [54] <b>DIAPHRAGME DE PROTECTION HYGIENIQUE POUR UN STETHOSCOPE MEDICAL</b> [72] JOUET, BERTRAND, FR [71] JOUET, BERTRAND, FR [85] 2000-01-21 [86] 1998-07-21 (PCT/FR98/01610) [87] 1999-02-04 (WO99/04693) [30] FR (97/09533) 1997-07-22</p>
<p style="text-align: right;">[21] <b>2,298,480</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 213/57 7C07D 401/12 7A61K 31/44 7A61K 31/535 7C07D 213/56 7C07D 213/59 7C07D 213/61 7C07D 213/66 7C07D 213/80</b> [25] EN [54] <b>PYRIDYLACRYLAMIDE DERIVATIVES AND NEPHRITIS REMEDIES AND TGF-BETA. INHIBITORS CONTAINING THE SAME</b> [54] <b>DERIVES DE PYRIDYLACRYLAMIDE, REMEDES CONTRE LA NEPHRITE ET INHIBITEURS DE TGF-BETA CONTENANT LESDITS ELEMENTS</b> [72] YAMAZAKI, YOUSUKE, JP [72] OBATA, TATSUHIRO, JP [72] HORIUCHI, FUMIKO, JP [72] HASEGAWA, YOSHIHIRO, JP [72] HATTORI, TOMOHISA, JP [72] SHINDOU, SHOUICHIROU, JP [72] HAYAKAWA, HIROYUKI, JP [72] KUMAZAWA, HIROAKI, JP [71] TSUMURA &amp; CO., JP [85] 2000-01-21 [86] 1998-07-24 (PCT/JP98/03312) [87] 1999-02-04 (WO99/05109) [30] JP (9/200169) 1997-07-25 [30] JP (9/288083) 1997-10-21</p>	<p style="text-align: right;">[21] <b>2,298,482</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23Q 11/00</b> [25] EN [54] <b>MACHINE-TOOL</b> [54] <b>MACHINE-OUTIL</b> [72] STAIGER, HANS, DE [71] EX-CELL-O GMBH, DE [85] 2000-01-21 [86] 1998-07-29 (PCT/DE98/02159) [87] 1999-02-11 (WO99/06176) [30] DE (197 32 608.0) 1997-07-29</p>	<p style="text-align: right;">[21] <b>2,298,487</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/00 7A61K 9/16 7A61K 9/20 7A61K 9/46</b> [25] EN [54] <b>A PROCESS FOR THE PREPARATION OF A GRANULATE SUITABLE TO THE PREPARATION OF RAPIDLY DISINTEGRABLE MOUTH-SOLUBLE TABLETS</b> [54] <b>PROCEDE DE PREPARATION DE GRANULES SERVANT A PRODUIRE DES COMPRIMES SOLUBLES DANS LA BOUCHE A DESINTEGRATION RAPIDE</b> [72] CICCARELLO, FRANCO, CH [72] BONADEO, DANIELE, IT [72] PAGANO, ALBERTO, IT [71] ELAN CORPORATION PLC, IE [85] 2000-01-24 [86] 1998-07-20 (PCT/EP98/04514) [87] 1999-02-04 (WO99/04758) [30] CH (1797/97) 1997-07-25</p>
	<p style="text-align: right;">[21] <b>2,298,484</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 83/04 7A63F 9/00</b> [25] EN [54] <b>DISPENSING APPARATUS</b> [54] <b>DISTRIBUTEUR</b> [72] SANDERS, SARA, GB [72] FINKLETAUB, ELAINE, GB [71] PUCKA CREATIVE LIMITED, GB [85] 2000-01-21 [86] 1998-06-24 (PCT/GB98/01848) [87] 1999-02-04 (WO99/05047) [30] GB (9715401.7) 1997-07-23 [30] GB (9800953.3) 1998-01-16</p>	

## Demandes PCT entrant en phase nationale

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[21] **2,298,488**  
[13] A1  
[51] **Int.Cl. 7G08B 13/24 7G01V 15/00**  
[25] EN  
[54] **SECURITY ELEMENT FOR THE ELECTRONIC SURVEILLANCE OF ARTICLES**  
[54] **ELEMENT DE SECURITE POUR LA SURVEILLANCE ELECTRONIQUE D'ARTICLES**  
[72] MEARS, GREGORY N., US  
[72] RUHRIG, MANFRED, DE  
[72] STOCKS, DAVID, GB  
[72] PATTERSON, HUBERT A., US  
[71] METO INTERNATIONAL GMBH, DE  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 2000-01-24  
[86] 1998-07-22 (PCT/EP98/04596)  
[87] 1999-02-11 (WO99/06978)  
[30] EP (97112981.2) 1997-07-29

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[21] **2,298,489**  
[13] A1  
[51] **Int.Cl. 7B63B 39/06**  
[25] EN  
[54] **WATERCRAFT STABILIZATION APPARATUS**  
[54] **DISPOSITIF DE STABILISATION POUR VEHICULE MARIN**  
[72] GABER, BENNY, IL  
[71] GABER, BENNY, IL  
[85] 2000-01-24  
[86] 1998-05-28 (PCT/IL98/00250)  
[87] 1999-02-04 (WO99/05022)  
[30] IL (121396) 1997-07-25

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[21] **2,298,490**  
[13] A1  
[51] **Int.Cl. 7E04B 9/00**  
[25] EN  
[54] **OUTDOOR DECK MATERIAL**  
[54] **MATERIAU POUR TERRASSE EN BOIS**  
[72] CARR, COLIN G., US  
[72] WHEATLEY, CHARLES E., US  
[71] CARR, COLIN G., US  
[71] WHEATLEY, CHARLES E., US  
[85] 2000-01-24  
[86] 1998-07-31 (PCT/US98/15965)  
[87] 1999-02-11 (WO99/06645)  
[30] US (60/054,360) 1997-07-31

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[21] **2,298,491**  
[13] A1  
[51] **Int.Cl. 7H01L 33/00**  
[25] EN  
[54] **NITRIDE SEMICONDUCTOR DEVICE**  
[54] **DISPOSITIF A SEMI-CONDUCTEUR EN NITRURE**  
[72] MUKAI, TAKASHI, JP  
[72] MARUI, HIROMITSU, JP  
[72] TANIZAWA, KOJI, JP  
[72] MITANI, TOMOTSUGU, JP  
[72] NAKAMURA, SHUJI, JP  
[71] NICHIA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-01-24  
[86] 1998-07-27 (PCT/JP98/03336)  
[87] 1999-02-04 (WO99/05728)  
[30] JP (9/199471) 1997-07-25  
[30] JP (9/235524) 1997-09-01  
[30] JP (9/286304) 1997-10-20  
[30] JP (9/304328) 1997-11-06  
[30] JP (9/317421) 1997-11-18  
[30] JP (9/348972) 1997-12-18  
[30] JP (9/348973) 1997-12-18  
[30] JP (10/176623) 1998-06-08  
[30] JP (10/176634) 1998-06-08  
[30] JP (10/199829) 1998-06-29

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[21] **2,298,493**  
[13] A1  
[51] **Int.Cl. 7C07C 217/60 7A61K 31/195 7A61K 31/215**  
[25] EN  
[54] **AMINOETHYLPHENOXYACETIC ACID DERIVATIVES AND DRUGS FOR PAIN REMISSION AND CALCULI REMOVAL PROMOTION IN URINARY LITHIASIS**  
[54] **DERIVES D'ACIDE AMINOETHYLPHENOXYACETIQUE ET MEDICAMENTS QUI REDUISENT LA DOULEUR ET FAVORISENT LA SUPPRESSION DES CALCULS DANS LA LITHIASE URINAIRE**  
[72] MURANAKA, HIDEYUKI, JP  
[72] TAMAI, TETSURO, JP  
[72] TANAKA, NOBUYUKI, JP  
[72] SATO, MASAOKI, JP  
[72] AKAHANE, MASUO, JP  
[72] MUKAIYAMA, HARUNOBU, JP  
[72] HIRABAYASHI, AKIHITO, JP  
[71] KISSEI PHARMACEUTICAL CO., LTD., JP  
[85] 2000-01-24  
[86] 1998-07-15 (PCT/JP98/03163)  
[87] 1999-02-04 (WO99/05090)  
[30] JP (9/233239) 1997-07-25

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[21] **2,298,494**  
[13] A1  
[51] **Int.Cl. 7G07D 7/02**  
[25] EN  
[54] **SECURITY ELEMENT STRUCTURE FOR CHECKING DOCUMENTS WITH SUCH SECURITY ELEMENTS, METHOD FOR THE USE THEREOF**  
[54] **STRUCTURE D'ELEMENTS DE SECURITE POUR DOCUMENTS ET DISPOSITIFS POUR LE CONTROLE DE DOCUMENTS DOTES DE TELS ELEMENTS DE SECURITE, AINSI QUE PROCEDE D'APPLICATION Y RELATIF**  
[72] PUTTKAMMER, FRANK, DE  
[71] WHD ELEKTRONISCHE PRUFTECHNIK GMBH, DE  
[85] 2000-01-24  
[86] 1998-04-24 (PCT/DE98/01179)  
[87] 1998-11-05 (WO98/49657)  
[30] DE (197 18 916.4) 1997-04-25  
[30] DE (198 12 812.6) 1998-03-16

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[21] **2,298,496**  
[13] A1  
[51] **Int.Cl. 7A61L 2/08**  
[25] EN  
[54] **CATALYTIC DENTAL WATER APPARATUS**  
[54] **APPAREIL A EAU CATALYTIQUE POUR CABINET DENTAIRE**  
[72] ENGELHARD, ROLF, US  
[72] KASTEN, STEPHEN P., US  
[71] GERMIPHENE CORPORATION, CA  
[85] 2000-01-24  
[86] 1999-06-16 (PCT/US99/13591)  
[87] 1999-12-23 (WO99/65533)  
[30] US (60/089,541) 1998-06-17

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,298,497</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E01C 23/01</b> [25] EN [54] <b>SURFACE TREATMENT SHAPE EVALUATION SYSTEM AND SURFACE TREATMENT SHAPE</b> [54] <b>SYSTEME D'EVALUATION DE LA FORME D'UN REVETEMENT SUPERFICIEL ET FORME DE REVETEMENT SUPERFICIEL</b> [72] ABE, YOICHI, JP [72] SATO, RYOICHI, JP [72] KAMETA, SHOICHI, JP [71] NEW TOKYO INTERNATIONAL AIRPORT AUTHORITY, JP [85] 2000-01-25 [86] 1999-05-25 (PCT/JP99/02736) [87] 1999-12-02 (WO99/61706) [30] JP (10/164138) 1998-05-28</p>	<p style="text-align: right;">[21] <b>2,298,503</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23Q 35/128 7B23C 3/35</b> [25] EN [54] <b>KEY DUPLICATION APPARATUS AND METHOD</b> [54] <b>DISPOSITIF ET PROCEDE SERVANT A COPIER UNE CLE</b> [72] TITUS, JOHN S., US [72] LAUGHLIN, WILLIAM, US [72] BOLKCOM, JOHN E., US [71] MACHINE MAGIC, LLC, US [85] 2000-01-28 [86] 1998-07-29 (PCT/US98/15671) [87] 1999-02-11 (WO99/06179) [30] US (08/903,561) 1997-07-31 [30] US (09/122,248) 1998-07-24</p>	<p style="text-align: right;">[21] <b>2,298,506</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/02 7A61K 38/18</b> [25] EN [54] <b>METHODS FOR TREATING NEUROLOGICAL DEFICITS</b> [54] <b>PROCEDE DE TRAITEMENT DES DEFICITS NEUROLOGIQUES</b> [72] REID, JAMES STEVEN, US [72] FALLON, JAMES H., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2000-01-26 [86] 1998-08-04 (PCT/US98/16281) [87] 1999-02-11 (WO99/06060) [30] US (60/055,383) 1997-08-04</p>
<p style="text-align: right;">[21] <b>2,298,500</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41F 27/12 7B41F 27/00</b> [25] EN [54] <b>METHOD FOR MOUNTING PRINTING PLATES ON SLEEVES AND FOR MOUNTING THE RESULTANT SLEEVES ON FLEXOGRAPHIC PRINTING MACHINE CYLINDERS</b> [54] <b>PROCEDE POUR LE MONTAGE DE PLAQUES D'IMPRESSION SUR DES MANCHONS, PUIS DES MANCHONS RESULTANTS SUR DES CYLINDRES D'IMPRIMEUSE FLEXOGRAPHIQUE</b> [72] CACCHI, GABRIELLA, IT [71] CACCHI, GABRIELLA, IT [85] 2000-01-26 [86] 1998-07-16 (PCT/EP98/04448) [87] 1999-02-11 (WO99/06212) [30] IT (MI97A001814) 1997-07-29</p>	<p style="text-align: right;">[21] <b>2,298,504</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22B 7/00 7C22B 1/24</b> [25] EN [54] <b>METHOD AND EQUIPMENT FOR PROCESSING IRON- OR OIL-CONTAINING METALLURGICAL WASTE</b> [54] <b>PROCEDE ET INSTALLATION POUR TRAITER DES RESIDUS SIDERURGIQUES RENFERMANT DU FER OU DE L'HUILE</b> [72] LEHNER, JOHANN, AT [72] SCHREY, GUNTER, AT [72] FLEISCHANDERL, ALEXANDER, AT [71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT [85] 2000-01-28 [86] 1998-07-15 (PCT/AT98/00172) [87] 1999-02-25 (WO99/09224) [30] AT (A 1347/97) 1997-08-12</p>	<p style="text-align: right;">[21] <b>2,298,507</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/415</b> [25] EN [54] <b>A PHARMACEUTICAL COMPOSITION ACTIVE IN REDUCING PRODUCTION OF MCP-1 PROTEIN</b> [54] <b>COMPOSITION PHARMACEUTIQUE ACTIVE DANS LA REDUCTION DE LA PRODUCTION DE PROTEINE MCP-1</b> [72] GUGLIELMOTTI, ANGELO, IT [72] MILANESE, CLAUDIO, IT [71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT [85] 2000-01-26 [86] 1998-07-22 (PCT/EP98/04925) [87] 1999-02-04 (WO99/04791) [30] IT (MI97A01788) 1997-07-28</p>
<p style="text-align: right;">[21] <b>2,298,502</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 38/00 7B01D 53/86</b> [25] EN [54] <b>METHOD AND DEVICE FOR TREATING CERAMIC COMPONENTS</b> [54] <b>PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE PIECES CERAMIQUES</b> [72] GILGEN, RALF, DE [71] STEAG AKTIENGESELLSCHAFT, DE [85] 2000-01-26 [86] 1998-07-18 (PCT/EP98/04472) [87] 1999-02-11 (WO99/06147) [30] DE (197 32 547.5) 1997-07-29 [30] DE (197 51 713.7) 1997-11-21 [30] DE (198 04 522.0) 1998-02-05</p>	<p style="text-align: right;">[21] <b>2,298,505</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B25H 3/00 7B25H 3/06</b> [25] EN [54] <b>TOOLBOXES AND TOOL CASES WITH PIVOTABLE COMPONENT HOLDER</b> [54] <b>COFFRET A OUTILS ET COMPARTIMENTS A OUTILS A PORTE-ELEMENTS PIVOTANT</b> [72] VASUDEVA, KAILASH C., CA [71] MAXTECH MANUFACTURING INC., CA [85] 2000-01-28 [86] 1998-08-05 (PCT/CA98/00747) [87] 1999-02-18 (WO99/07524) [30] US (60/054,935) 1997-08-08 [30] US (08/979,879) 1997-11-26 [30] US (60/077,470) 1998-03-10</p>	<p style="text-align: right;">[21] <b>2,298,508</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04G 21/04</b> [25] EN [54] <b>CONCRETE SUPPLY ARM WITH ARTICULATED SECTIONS</b> [54] <b>BRAS D'ALIMENTATION EN BETON PRESENTANT DES PARTIES ARTICULEES</b> [72] MORETTI, GIORGIO, IT [72] SCURATTI, WALTER, IT [72] CORTELLINI, MAURO, IT [71] CIFA S.P.A., IT [85] 2000-01-28 [86] 1998-07-22 (PCT/EP98/04588) [87] 1999-02-11 (WO99/06650) [30] IT (MI97A001835) 1997-07-31</p>

## Demandes PCT entrant en phase nationale

[21] **2,298,509**  
[13] A1

[51] **Int.Cl. 7C07D 209/52 7C07D 471/04 7A61K 31/47**  
[25] EN  
[54] **SPECIAL 3-AZABICYCLO-3.1.0|HEXANES, METHOD FOR PRODUCING AND MODIFYING THE SAME, AND THEIR USE**  
[54] **3-AZABICYCLO-3.1.0|HEXANES SPECIAUX, LEUR PROCEDE DE PREPARATION ET DE MODIFICATION, AINSI QUE LEUR UTILISATION**  
[72] PETERSEN, UWE, DE  
[72] VILSMAIER, ELMAR, DE  
[72] DALHOFF, AXEL, DE  
[72] SCHMUCK, GABRIELE, DE  
[72] GOERZ, TORSTEN, DE  
[72] MILCH, GUNTHER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-01-28  
[86] 1998-07-21 (PCT/EP98/04542)  
[87] 1999-02-11 (WO99/06368)  
[30] DE (197 33 439.3) 1997-08-02

[21] **2,298,510**  
[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 3/08 7C11D 3/386**  
[25] EN  
[54] **DETERGENT TABLET**  
[54] **PASTILLES DETERGENTES**  
[72] ADDISON, MICHAEL CROMBIE, GB  
[72] SPEED, LYNDA ANNE, GB  
[72] MCGREGOR, ALASDAIR DUNCAN, GB  
[72] ROWLAND, BARRY, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-01-28  
[86] 1998-08-03 (PCT/US98/16144)  
[87] 1999-02-11 (WO99/06522)  
[30] GB (9716351.3) 1997-08-02

[21] **2,298,516**  
[13] A1

[51] **Int.Cl. 7G06F 12/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENFORCING SOFTWARE LICENSES**  
[54] **PROCEDE ET DISPOSITIF D'APPLICATION DE LICENCES D'UTILISATION DES LOGICIELS**  
[72] SERLET, BERTRAND, US  
[72] GARST, BLAINE, US  
[71] APPLE COMPUTER, INC., US  
[85] 2000-01-26  
[86] 1998-07-24 (PCT/US98/15340)  
[87] 1999-02-04 (WO99/05600)  
[30] US (08/901,776) 1997-07-28

[21] **2,298,517**  
[13] A1

[51] **Int.Cl. 7B23P 15/00**  
[25] EN  
[54] **AEROSOL TILT VALVE AND METHOD OF FORMING**  
[54] **CLAPET A BASCULEMENT POUR BOMBE AEROSOL ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] ABPLANALP, ROBERT H., US  
[72] KOLANUS, GUENTER, DE  
[72] PERICARD, LOUIS, DE  
[71] PRECISION VALVE CORPORATION, US  
[71] ABPLANALP, ROBERT H., US  
[85] 2000-01-26  
[86] 1998-07-27 (PCT/US98/15571)  
[87] 1999-02-11 (WO99/06175)  
[30] US (08/903,638) 1997-07-31

[21] **2,298,518**  
[13] A1

[51] **Int.Cl. 7A61M 39/06**  
[25] EN  
[54] **MEDICAL FLUID FLOW CONTROL VALVE**  
[54] **CLAPET DE REGLAGE DE FLUIDE A USAGE MEDICAL**  
[72] PAUL, RAM H., JR., US  
[71] COOK INCORPORATED, US  
[85] 2000-01-26  
[86] 1998-07-30 (PCT/US98/15773)  
[87] 1999-02-11 (WO99/06099)  
[30] US (60/054,203) 1997-07-30

[21] **2,298,519**  
[13] A1

[51] **Int.Cl. 7A43B 13/28**  
[25] EN  
[54] **FOOTWEAR SHOCK ABSORBING SYSTEM**  
[54] **SYSTEME ABSORBANT LES CHOCS POUR CHAUSSURE DE SPORT**  
[72] SERNA, RALPH, US  
[71] VANS, INC., US  
[85] 2000-01-26  
[86] 1998-05-29 (PCT/US98/10955)  
[87] 1999-02-11 (WO99/05928)  
[30] US (08/904,413) 1997-07-31

[21] **2,298,520**  
[13] A1

[51] **Int.Cl. 7B60D 1/14**  
[25] EN  
[54] **HITCH ASSEMBLY AND TRAILER**  
[54] **ATTELAGE ET REMORQUE**  
[72] ROSS, LOUIS J., US  
[71] ROSS, LOUIS J., US  
[85] 2000-01-26  
[86] 1998-07-14 (PCT/US98/14417)  
[87] 1999-02-04 (WO99/04990)  
[30] US (08/900,740) 1997-07-26

[21] **2,298,521**  
[13] A1

[51] **Int.Cl. 7E04G 23/02**  
[25] EN  
[54] **METHOD FOR FASTENING A FLAT STRIP LAMELLA TO THE SURFACE OF A BUILDING COMPONENT**  
[54] **PROCEDE POUR LA FIXATION D'UNE LAMELLE DE BANDE PLATE SUR UNE SURFACE D'ELEMENT DE CONSTRUCTION**  
[72] SCHUMPERLI, ERNESTO, CH  
[72] BLEIBLER, ALEXANDER, CH  
[72] STEINER, WERNER, CH  
[71] SIKA AG, VORMALS KASPAR WINKLER & CO., CH  
[85] 2000-01-26  
[86] 1998-07-15 (PCT/EP98/04384)  
[87] 1999-02-11 (WO99/06652)  
[30] DE (197 33 066.5) 1997-07-31

## PCT Applications Entering the National Phase

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[21] **2,298,522**  
[13] A1  
[51] **Int.Cl. 7C07D 487/04 7A61K 31/50**  
[25] EN  
[54] **4-OXO-3,5-DIHYDRO-4H-PYRIDAZINO-4,5-B]-INDOLE-1-ACETAMIDE DERIVATIVES, THEIR PREPARATION AND THEIR APPLICATION IN THERAPY**  
[54] **DERIVES DE 4-OXO-3,5-DIHYDRO-4H-PYRIDAZINO-4,5-B]INDOLE-1-ACETAMIDE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**  
[72] SEVRIN, MIREILLE, FR  
[72] MARGUET, FRANK, FR  
[72] GILLE, CATHERINE, FR  
[72] FROISSANT, JACQUES, FR  
[72] DUBOIS, LAURENT, FR  
[72] BARTSCH, REGINE, FR  
[72] EVANNO, YANNICK, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 2000-01-26  
[86] 1998-07-28 (PCT/FR98/01667)  
[87] 1999-02-11 (WO99/06406)  
[30] FR (97/09692) 1997-07-30

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[21] **2,298,523**  
[13] A1  
[51] **Int.Cl. 7A61K 31/16 7A61P 31/00 7A61K 45/06**  
[25] EN  
[54] **THERAPEUTIC PROCESS FOR INHIBITING NF-?B**  
[54] **PROCEDE THERAPEUTIQUE SERVANT A INHIBER NF-?B**  
[72] ELFORD, HOWARD L., US  
[71] ELFORD, HOWARD L., US  
[85] 2000-01-26  
[86] 1998-07-29 (PCT/US98/15715)  
[87] 1999-02-11 (WO99/06009)  
[30] US (60/054,230) 1997-07-30  
[30] US (UNKNOWN) 1998-07-28

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[21] **2,298,524**  
[13] A1  
[51] **Int.Cl. 7B22F 3/03 7B30B 11/02**  
[25] EN  
[54] **METAL POWDER COMPRESSION TOOL**  
[54] **OUTIL DE COMPRESSION DE POUDRES METALLIQUES**  
[72] BLANCHARD, PIERRE, FR  
[72] GUEYDAN, HENRI, FR  
[71] FEDERAL-MOGUL SINTERED PRODUCTS S.A., FR  
[85] 2000-01-28  
[86] 1998-07-23 (PCT/EP98/04932)  
[87] 1999-02-11 (WO99/06167)  
[30] FR (97/09918) 1997-07-29

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[21] **2,298,525**  
[13] A1  
[51] **Int.Cl. 7A61N 1/375 7H01L 25/065**  
[25] EN  
[54] **CARDIAC STIMULATOR HAVING STACKABLE MICROELECTRONIC COMPONENTS WITH SELF-ADDRESSING SCHEME**  
[54] **STIMULATEUR CARDIAQUE PRESENTANT DES COMPOSANTS MICROELECTRONIQUES EMPILABLES ET A SCHEMA D'AUTO-ADDRESSAGE**  
[72] PAUL, PATRICK J., US  
[72] PRUTCHI, DAVID, US  
[71] INTERMEDICS INC., US  
[85] 2000-01-28  
[86] 1998-07-21 (PCT/US98/15251)  
[87] 1999-02-11 (WO99/06107)  
[30] US (08/903,313) 1997-07-30

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[21] **2,298,526**  
[13] A1  
[51] **Int.Cl. 7A01N 25/00**  
[25] EN  
[54] **PHOTOTHERAPY BASED METHOD FOR TREATING PATHOGENS AND COMPOSITION FOR EFFECTING SAME**  
[54] **METHODE DE TRAITEMENT DE PATHOGENES BASEE SUR LA PHOTOTHERAPIE ET COMPOSITION UTILE DANS CE PROCEDE**  
[72] LURIE, RAZ, IL  
[71] DERMATOLAZER TECHNOLOGIES LTD, IL  
[85] 2000-01-26  
[86] 1998-07-13 (PCT/US98/14162)  
[87] 1999-02-04 (WO99/04628)  
[30] US (08/901,426) 1997-07-28

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[21] **2,298,527**  
[13] A1  
[51] **Int.Cl. 7C07D 213/16 7A61K 31/025 7C07C 43/21 7C07C 39/23 7A61K 31/415 7A61K 31/44 7C07C 13/48 7C07D 233/64**  
[25] EN  
[54] **NOVEL DIHYDRONAPHTHALENE COMPOUNDS AND PROCESS FOR PRODUCING THE SAME**  
[54] **NOUVEAUX COMPOSES A BASE DE DIHYDRONAPHTHALENE ET LEUR PROCEDE DE PRODUCTION**  
[72] NAKAKOSHI, MASAMICHI, JP  
[72] YOSHIHAMA, MAKOTO, JP  
[72] NOMOTO, SHIN, JP  
[72] IKEDA, YOSHIKAZU, JP  
[72] WACHALL, BERTIL, DE  
[72] HARTMANN, ROLF WOLFGANG, DE  
[71] YUKIJIRUSHI NYUGYO KABUSHIKI KAISHA, JP  
[85] 2000-01-28  
[86] 1998-10-01 (PCT/JP98/04426)  
[87] 1999-04-15 (WO99/18075)  
[30] JP (9284263) 1997-10-02

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[21] **2,298,528**  
[13] A1  
[51] **Int.Cl. 7B24B 3/00 7B24D 13/10 7B24B 3/34**  
[25] EN  
[54] **CUTTING EDGE ROUNDING METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL D'ARRONDISSEMENT DE TRANCHANT**  
[72] STADTFELD, HERMANN J., US  
[71] THE GLEASON WORKS, US  
[85] 2000-01-26  
[86] 1998-07-14 (PCT/US98/15265)  
[87] 1999-02-11 (WO99/06180)  
[30] US (08/902,472) 1997-07-29

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,298,529</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 220/12 7C09J 133/08</b> [25] EN [54] <b>PROCESS FOR THE PRODUCTION OF GENERAL PURPOSE PSA'S</b> [54] <b>PROCEDE DE PRODUCTION D'ADHESIFS AUTOCOLLANTS MULTI-USAGE</b> [72] LEE, IVAN S., US [72] AKELEY, JAMES P., US [72] WILLIAMS, CHARLES R., US [72] SMITH, COLIN C., US [72] BODWELL, JAMES R., US [71] AVERY DENNISON CORPORATION, US [85] 2000-01-28 [86] 1998-07-31 (PCT/US98/15964) [87] 1999-02-11 (WO99/06453) [30] US (08/905,073) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,532</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04H 12/22</b> [25] EN [54] <b>DEVICE FOR VERTICAL ARRANGEMENT OF A POLE OR POST-LIKE OBJECT</b> [54] <b>DISPOSITIF DESTINE AU PLACEMENT VERTICAL D'UN OBJET EN FORME DE PIEU OU DE POTEAU</b> [72] KRINNER, KLAUS, DE [71] KRINNER, KLAUS, DE [85] 2000-01-26 [86] 1997-07-28 (PCT/DE97/01585) [87] 1999-02-11 (WO99/06656)</p>	<p style="text-align: right;">[21] <b>2,298,535</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E02D 29/14</b> [25] EN [54] <b>A FRAME FOR A MANHOLE COVER</b> [54] <b>CADRE POUR TAMPON DE REGARD</b> [72] BROWN, CHRISTOPHER, GB [72] FINES, PETER, GB [72] SCOTT, ANDREW, GB [71] STANTON PLC, GB [85] 2000-01-26 [86] 1998-07-31 (PCT/GB98/02312) [87] 1999-02-11 (WO99/06640) [30] GB (9716243.2) 1997-07-31</p>
<p style="text-align: right;">[21] <b>2,298,530</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41J 2/05 7G06K 15/10 7B41J 29/393</b> [25] EN [54] <b>INK-JET PRINTER, METHOD AND SYSTEM COMPENSATING FOR NONFUNCTIONAL PRINT ELEMENTS</b> [54] <b>IMPRIMANTE A JET D'ENCRE, ET PROCEDE ET SYSTEME PERMETTANT DE COMPENSER LE NON-FONCTIONNEMENT DE CERTAINS ELEMENTS D'IMPRESSION</b> [72] HOANG, LOAN M., US [72] FREE, WARREN, US [72] NEESE, DAVID, US [71] ENCAD, INC., US [85] 2000-01-26 [86] 1998-07-31 (PCT/US98/16101) [87] 1999-02-25 (WO99/08875) [30] US (60/055,080) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,298,533</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 29/143</b> [25] EN [54] <b>ENANTIOSELECTIVE REDUCTION OF KETONES WITH A SILANE AGENT/METAL COMPOUND/ CHIRAL LIGAND SYSTEM</b> [54] <b>REDUCTION ENANTIOSELECTIVE DE CETONES AVEC UN SYSTEME AGENT SILANIQUE/COMPOSE METALLIQUE/ LIGAND CHIRAL</b> [72] MIMOUN, HUBERT, FR [71] FIRMENICH S.A., CH [85] 2000-02-02 [86] 1998-09-03 (PCT/IB98/01378) [87] 1999-03-18 (WO99/12877) [30] CH (2110/97) 1997-09-09 [30] CH (778/98) 1998-04-01</p>	<p style="text-align: right;">[21] <b>2,298,536</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65G 69/00 7B65B 13/00</b> [25] EN [54] <b>PNEUMATIC PRODUCT VENDING SYSTEM AND LOADER</b> [54] <b>SYSTEME PNEUMATIQUE DE DISTRIBUTION DE PRODUITS ET SON DISPOSITIF DE CHARGEMENT</b> [72] SPAMER, WILLIAM S., US [72] BUSTOS, RAFAEL T., US [71] L&amp;P PROPERTY MANAGEMENT COMPANY, US [85] 2000-01-26 [86] 1998-07-08 (PCT/US98/14121) [87] 1999-02-04 (WO99/05054) [30] US (901,091) 1997-07-28</p>
<p style="text-align: right;">[21] <b>2,298,531</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/44</b> [25] EN [54] <b>CERVICAL DISK AND SPINAL STABILIZER</b> [54] <b>DISQUE CERVICAL ET STABILISATEUR VERTEBRAL</b> [72] PISHARODI, MADHAVAN, US [71] PERUMALA CORPORATION, US [85] 2000-01-26 [86] 1998-07-30 (PCT/US98/15940) [87] 1999-02-11 (WO99/05994) [30] US (08/904,856) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,298,534</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05D 1/02</b> [25] EN [54] <b>SYSTEM AND METHOD FOR CONTROLLING OF VEHICLES</b> [54] <b>SYSTEME ET PROCEDE DE COMMANDE DE VEHICULES</b> [72] SEGEREN, PATRICK HUBERTUS FRANCISCUS, NL [71] FROG NAVIGATION SYSTEMS B.V., NL [85] 2000-02-02 [86] 1998-08-04 (PCT/NL98/00450) [87] 1999-02-11 (WO99/06898) [30] NL (1006710) 1997-08-04</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,298,537</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/37</b> [25] EN [54] <b>LAUNDRY DETERGENT COMPOSITIONS WITH AMINO ACID BASED POLYMERS TO PROVIDE APPEARANCE AND INTEGRITY BENEFITS TO FABRICS LAUNDERED THEREWITH</b> [54] <b>COMPOSITIONS DETERGENTES A LESSIVE CONTENANT DES POLYMERES A BASE D'ACIDES AMINES DESTINES A CONFERER UN ASPECT ET UNE INTEGRITE AMELIORES AUX TISSUS LAVES A L'AIDE DESDITES COMPOSITIONS</b> [72] LUIPOLD, LEE ANN, US [72] PANANDIKER, REJAN KESHAV, US [72] RANDALL, SHERRI LYNN, US [72] GOSSELINK, EUGENE PAUL, US [72] MOHR, BERNHARD, US [72] NORENBERG, RALF, DE [72] BOECKH, DIETER, DE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-02-02 [86] 1998-08-07 (PCT/US98/16495) [87] 1999-02-18 (WO99/07813) [30] US (60/055,152) 1997-08-08</p>	<p style="text-align: right;">[21] <b>2,298,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 5/00 7C07K 1/00 7C12N 15/00 7C12Q 1/00 7C07H 21/02 7C12Q 1/02 7C12P 21/06 7A61K 39/395</b> [25] EN [54] <b>NUCLEIC ACID SEQUENCES ENCODING CAPSAICIN RECEPTOR AND CAPSAICIN RECEPTOR-RELATED POLYPEPTIDES AND USES THEREOF</b> [54] <b>SEQUENCES NUCLEOTIDIQUES CODANT POUR LE RECEPTEUR DE LA CAPSICINE, POLYPEPTIDES LIES AU RECEPTEUR DE LA CAPSICINE ET LEUR UTILISATION</b> [72] JULIUS, DAVID J., US [72] BRAKE, ANTHONY, US [72] CATERINA, MICHAEL, US [71] THE UNIVERSITY OF CALIFORNIA, US [85] 2000-01-28 [86] 1998-08-20 (PCT/US98/17466) [87] 1999-02-25 (WO99/09140) [30] US (08/915,461) 1997-08-20 [30] US (60/072,151) 1998-01-22</p>	<p style="text-align: right;">[21] <b>2,298,544</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/55 7C07D 281/10 7C07D 243/14 7C07D 267/14 7C07D 223/16</b> [25] EN [54] <b>INTEGRIN RECEPTOR ANTAGONISTS</b> [54] <b>ANTAGONISTES DU RECEPTEUR DE L'INTEGRINE</b> [72] HEERDING, DIRK, US [72] SAMANEN, JAMES MARTIN, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2000-02-02 [86] 1998-08-04 (PCT/US98/16246) [87] 1999-02-11 (WO99/06049) [30] US (60/054,703) 1997-08-04 [30] US (60/063,526) 1997-10-29</p>
<p style="text-align: right;">[21] <b>2,298,538</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/00</b> [25] EN [54] <b>RECOMBINANT DIMERIC ENVELOPE VACCINE AGAINST FLAVIVIRAL INFECTION</b> [54] <b>VACCIN A ENVELOPPE DIMERE RECOMBINEE CONTRE LES INFECTIONS FLAVIVIRALES</b> [72] COLLER, BETH-ANN G., US [72] PETERS, IAIN D., US [72] IVY, JOHN M., US [72] HARADA, KENT E., US [72] MCDONNELL, MICHAEL, US [71] HAWAII BIOTECHNOLOGY GROUP, INC., US [85] 2000-01-28 [86] 1998-07-27 (PCT/US98/15447) [87] 1999-02-11 (WO99/06068) [30] US (08/904,227) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,542</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01V 1/28</b> [25] EN [54] <b>A METHOD OF PROCESSING SEISMIC DATA</b> [54] <b>PROCEDE DE TRAITEMENT DE DONNEES SISMIQUES</b> [72] NICHOLS, DAVID EDWARD, GB [71] SCHLUMBERGER CANADA LIMITED, CA [85] 2000-01-27 [86] 1998-08-12 (PCT/GB98/02428) [87] 1999-02-25 (WO99/09434) [30] GB (9717409.8) 1997-08-15</p>	<p style="text-align: right;">[21] <b>2,298,545</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 29/34 7C07C 29/80</b> [25] EN [54] <b>METHOD FOR PRODUCING METAL-FREE GUERBET ALCOHOLS</b> [54] <b>PROCEDE DE FABRICATION D'ALCOOLS DE GUERBET EXEMPTS DE METAUX</b> [72] SCHERF, ERICH, DE [72] LETSCH, HANS-JURGEN, DE [72] HERRMANN, ALBERT THOMAS, DE [72] SCHRODER, CLEMENS, DE [71] RWE-DEA AKTIENGESELLSCHAFT FUR MINERALOEL UND CHEMIE, DE [85] 2000-01-27 [86] 1998-08-07 (PCT/DE98/02345) [87] 1999-02-18 (WO99/07661) [30] DE (197 34 673.1) 1997-08-11</p>
<p style="text-align: right;">[21] <b>2,298,543</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 27/00 7A61L 29/00 7A61L 31/00</b> [25] EN [54] <b>LOADING AND RELEASE OF WATER-INSOLUBLE DRUGS</b> [54] <b>MISE EN CHARGE ET LIBERATION DE MEDICAMENTS INSOLUBLES DANS L'EAU</b> [72] BARRY, JAMES, US [72] PALASIS, MARIA, US [71] BOSTON SCIENTIFIC LIMITED, IE [85] 2000-02-02 [86] 1998-08-13 (PCT/US98/16775) [87] 1999-02-25 (WO99/08729) [30] US (08/910,136) 1997-08-13</p>	<p style="text-align: right;">[21] <b>2,298,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C13F 1/02 7C13F 3/00 7A23G 3/00</b> [25] EN [54] <b>MESOMORPHIC SUGAR PRODUCTS</b> [54] <b>PRODUITS TIRES DE SUCRE MESOMORPHE</b> [72] CHERUKURI, SUBRAMAN R., US [72] ZAMUDIO-TENA, JOSE F., US [72] YANG, ROBERT K., US [72] CROUSHORN, PAUL M., US [72] BLAKE, ANDREA S., US [71] FUISZ TECHNOLOGIES LTD., US [85] 2000-01-27 [86] 1998-06-30 (PCT/US98/13571) [87] 1999-02-18 (WO99/07901) [30] US (08/909,518) 1997-08-12</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,298,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 231/08 7C07B 39/00</b> [25] EN [54] <b>METHOD FOR PRODUCING 2-(3-PYRAZOLYL-OXYMETHYLENE) NITROBENZENES</b> [54] <b>PROCEDE POUR LA PREPARATION DE 2-(3-PYRAZOLYL-OXYMETHYLENE)-NITROBENZENE</b> [72] KLINTZ, RALF, DE [72] VOGELBACHER, UWE JOSEF, DE [72] WAHL, JOSEF, DE [72] GOTZ, NORBERT, DE [72] KEIL, MICHAEL, DE [72] WINGERT, HORST, DE [71] BASF AKTIENGESSELLSCHAFT, DE [85] 2000-01-27 [86] 1998-07-20 (PCT/EP98/04490) [87] 1999-02-11 (WO99/06373) [30] DE (19732692.7) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,298,550</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 11/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR REPORTING STATUS INFORMATION IN A FIXED WIRELESS TERMINAL</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE RAPPORTER DES INFORMATIONS D'ETAT DANS UN TERMINAL SANS FIL FIXE</b> [72] SALVON, DOUGLAS H., US [72] BALDWIN, CURTIS KEITH, US [72] GARCIA, PHILLIP ANTHONY, US [72] COLLINS, ZACHRY SHAY, US [71] MOTOROLA, INC., US [85] 2000-01-27 [86] 1998-06-24 (PCT/US98/13160) [87] 1999-02-11 (WO99/07135) [30] US (08/902,136) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,298,554</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 30/46 7B01D 15/08</b> [25] EN [54] <b>METHOD OF CHROMATOGRAPHY</b> [54] <b>PROCEDE DE CHROMATOGRAPHIE</b> [72] MATSUDA, FUMIHIKO, JP [72] SATO, KOHEI, JP [72] KANEKO, KIKUZO, JP [72] MASUDA, TAKAYUKI, JP [71] ORGANO CORPORATION, JP [85] 2000-01-27 [86] 1999-09-27 (PCT/JP99/02796) [87] 1999-12-09 (WO99/63339) [30] JP (HEI 10-150220) 1998-05-29</p>
<p style="text-align: right;">[21] <b>2,298,549</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/00</b> [25] EN [54] <b>COMBINATIONS OF HMG-COA REDUCTASE INHIBITORS AND NICOTINIC ACID COMPOUNDS AND METHODS FOR TREATING HYPERLIPIDEMIA ONCE A DAY AT NIGHT</b> [54] <b>COMBINAISONS D'INHIBITEURS DE REDUCTASE HMG-COA ET DE COMPOSES D'ACIDE NICOTINIQUE ET PROCEDES DE TRAITEMENT DE L'HYPERLIPIDEMIE, UNE FOIS PAR JOUR LE SOIR</b> [72] DUNNE, JOSEPHINE, US [72] BOVA, DAVID J., US [71] KOS PHARMACEUTICALS, INC., US [85] 2000-01-26 [86] 1998-07-31 (PCT/US98/15990) [87] 1999-02-11 (WO99/06035) [30] US (903,752) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,551</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 11/24 7C07C 67/08</b> [25] EN [54] <b>DEPOLYMERIZATION PROCESS FOR RECYCLING POLYESTERS</b> [54] <b>PROCEDE DE DEPOLYMERISATION PERMETTANT DE RECYCLER DES POLYESTERS</b> [72] EKART, MICHAEL PAUL, US [72] PELL, THOMAS MICHAEL JR., US [72] CORNELL, DAVID DUNLAP, US [72] SHACKELFORD, DAMON BRYAN, US [71] EASTMAN CHEMICAL COMPANY, US [85] 2000-01-27 [86] 1998-10-15 (PCT/US98/21758) [87] 1999-04-29 (WO99/20684) [30] US (60/062,540) 1997-10-17 [30] US (09/167,248) 1998-10-06</p>	<p style="text-align: right;">[21] <b>2,298,555</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>METHOD AND SYSTEM FOR SELLING SUPPLEMENTAL PRODUCTS AT A POINT-OF-SALE</b> [54] <b>METHODE ET SYSTEME PERMETTANT DE VENDRE DES PRODUITS SUPPLEMENTAIRES AU NIVEAU D'UN POINT DE VENTE</b> [72] VAN LUCHENE, ANDREW S., US [71] WALKER DIGITAL, LLC, US [85] 2000-01-27 [86] 1998-08-20 (PCT/US98/17287) [87] 1999-03-04 (WO99/11006) [30] US (08/920,116) 1997-08-26 [30] US (09/083,689) 1998-05-21</p>
<p style="text-align: right;">[21] <b>2,298,552</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B25B 7/10</b> [25] EN [54] <b>PLIERS WITH FLUSH JOINT BIAS SPRING</b> [54] <b>PINCE AVEC RESSORT DE SOLLICITATION A ARTICULATION AFFLEURANTE</b> [72] GUSTAFSON, ERIC T., US [72] THOMPSON, CHRISTOPHER D., US [71] SNAP-ON TECHNOLOGIES, INC., US [85] 2000-01-27 [86] 1998-07-17 (PCT/US98/14874) [87] 1999-02-04 (WO99/04934) [30] US (08/901,172) 1997-07-28</p>	<p style="text-align: right;">[21] <b>2,298,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47F 7/30 7G09F 5/02 7A61G 17/04 7A47F 5/08</b> [25] EN [54] <b>DISPLAY FOR A CASKET SELECTION AND/OR VIEWING ROOM</b> [54] <b>SALON D'EXPOSITION PERMETTANT DE SELECTIONNER UN CERCUEIL ET/OU UN SALON MORTUAIRE</b> [72] SZABO, MARCUS R., US [72] SZABO, LAJOS L., JR., US [72] SALATIN, RANDALL S., US [72] CARPENTER, TERRY L., US [72] STEELE, JUDITH C., US [71] BATESVILLE SERVICES, INC., US [85] 2000-01-27 [86] 1998-07-23 (PCT/US98/15506) [87] 1999-02-25 (WO99/08577) [30] US (911,823) 1997-08-15</p>	<p style="text-align: right;">[21] <b>2,298,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47F 7/30 7G09F 5/02 7A61G 17/04 7A47F 5/08</b> [25] EN [54] <b>DISPLAY FOR A CASKET SELECTION AND/OR VIEWING ROOM</b> [54] <b>SALON D'EXPOSITION PERMETTANT DE SELECTIONNER UN CERCUEIL ET/OU UN SALON MORTUAIRE</b> [72] SZABO, MARCUS R., US [72] SZABO, LAJOS L., JR., US [72] SALATIN, RANDALL S., US [72] CARPENTER, TERRY L., US [72] STEELE, JUDITH C., US [71] BATESVILLE SERVICES, INC., US [85] 2000-01-27 [86] 1998-07-23 (PCT/US98/15506) [87] 1999-02-25 (WO99/08577) [30] US (911,823) 1997-08-15</p>



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<p style="text-align: right;">[21] <b>2,298,557</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/035</b> [25] EN [54] <b>COHERENT INTERACTION OF OPTICAL RADIATION BEAMS WITH OPTICAL-ELECTRONIC MATERIALS OF GENERALIZED CRYSTAL SYMMETRY</b> [54] <b>INTERACTION COHERENTE DES FAISCEAUX DE RAYONNEMENT OPTIQUES AVEC LES MATERIAUX OPTOELECTRONIQUES DE SYMETRIE CRISTALLINE GENERALISEE</b> [72] EQUALL, RANDY W., US [72] CONE, RUFUS L., US [72] WANG, GUANGMING, US [72] SUN, YONGCHEN, US [71] THE RESEARCH AND DEVELOPMENT INSTITUTE, INC., US [85] 2000-01-27 [86] 1998-07-28 (PCT/US98/15724) [87] 1999-02-04 (WO99/05507) [30] US (60/053,977) 1997-07-28</p>	<p style="text-align: right;">[21] <b>2,298,560</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04H 3/28</b> [25] EN [54] <b>FOLDING STAGE</b> [54] <b>ESTRADE PLIABLE</b> [72] DESIMONE, MARK, US [72] WAGNER, WALTER R., US [71] SICO INCORPORATED, US [85] 2000-01-27 [86] 1998-07-30 (PCT/US98/15845) [87] 1999-02-11 (WO99/06654) [30] US (08/904,707) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,298,564</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/136 7G02F 1/1335</b> [25] EN [54] <b>HIGH CAPACITANCE MIRROR DRIVER CELL</b> [54] <b>CELLULE MIROIR DE COMMANDE A CAPACITE ELEVEE</b> [72] STOCKTON, JOHN F., US [71] THOMSON CONSUMER ELECTRONICS, INC., US [85] 2000-01-27 [86] 1998-08-10 (PCT/US98/16518) [87] 1999-02-18 (WO99/08152) [30] US (08/910,087) 1997-08-12</p>
<p style="text-align: right;">[21] <b>2,298,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/11 7A61K 38/00 7A61K 48/00 7C12N 15/00 7C12P 21/00 7A61K 39/04 7C12N 15/09 7C12N 5/10 7C12N 15/63 7C12N 15/79</b> [25] EN [54] <b>GENETICALLY ENGINEERED RHODOCOCCUS VACCINE</b> [54] <b>VACCIN CONTRE RHODOCOCCUS MIS AU POINT PAR GENIE GENETIQUE</b> [72] MOSSER, DAVID M., US [71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US [85] 2000-01-27 [86] 1998-07-24 (PCT/US98/15911) [87] 1999-02-04 (WO99/05304) [30] US (60/053,937) 1997-07-28</p>	<p style="text-align: right;">[21] <b>2,298,562</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01J 3/453 7G01J 3/28</b> [25] EN [54] <b>OPTICAL APPARATUS FOR AN IMAGING FOURIER SPECTROMETER AND METHOD OF OPERATING IT</b> [54] <b>DISPOSITIF OPTIQUE POUR SPECTROMETRE A TRANSFORMATION DE FOURIER AVEC VISUALISATION ET PROCEDE D'UTILISATION</b> [72] AMOS, WILLIAM BRADSHAW, GB [71] AMOS, WILLIAM BRADSHAW, GB [85] 2000-01-27 [86] 1998-07-27 (PCT/GB98/02236) [87] 1999-02-11 (WO99/06807) [30] GB (9715914.9) 1997-07-29 [30] GB (9727505.1) 1997-12-31</p>	<p style="text-align: right;">[21] <b>2,298,565</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60G 3/12 7B60K 17/04</b> [25] EN [54] <b>INDEPENDENT SUSPENSION AND DRIVE ARRANGEMENT AND VEHICLES INCORPORATING SAME</b> [54] <b>SYSTEME SUSPENSION ET ENTRAINEMENT INDEPENDANT ET VEHICULES DOTES DE CE SYSTEME</b> [72] MCCOMBER, DONALD R., US [71] THE GATES CORPORATION, US [85] 2000-01-27 [86] 1998-07-28 (PCT/US98/16117) [87] 1999-02-11 (WO99/06230) [30] US (08/902,561) 1997-07-29</p>
<p style="text-align: right;">[21] <b>2,298,559</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04H 3/28</b> [25] EN [54] <b>DECK CONNECTOR</b> [54] <b>CONNECTEURS DE PLANCHER</b> [72] DESIMONE, MARK, US [72] BUE, RICHARD C., US [71] SICO INCORPORATED, US [85] 2000-01-27 [86] 1998-07-30 (PCT/US98/15838) [87] 1999-02-11 (WO99/06653) [30] US (08/904,696) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,298,563</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07B 39/00 7C07C 201/12 7C07C 17/14 7C07C 253/30 7C07C 67/307</b> [25] EN [54] <b>METHOD FOR PREPARING SUBSTITUTED BENZYL BROMIDES</b> [54] <b>PROCEDE POUR LA PREPARATION DE BROMURES DE BENZYLE SUBSTITUES</b> [72] WINGERT, HORST, DE [72] MULLER, BERND, DE [72] GOTZ, NORBERT, DE [72] KEIL, MICHAEL, DE [71] BASF AKTIENGESSELLSCHAFT, DE [85] 2000-01-27 [86] 1998-07-20 (PCT/EP98/04485) [87] 1999-02-11 (WO99/06339) [30] DE (19732693.5) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,298,566</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 3/42 7H04M 3/00 7H04M 5/00 7H04M 7/00</b> [25] EN [54] <b>APPARATUS AND METHOD FOR NUMBER PORTABILITY CALL PROCESSING</b> [54] <b>APPAREIL ET PROCEDE POUR LE TRAITEMENT D'APPELS A TRANSFERABILITE DE NUMERO</b> [72] COCHINWALA, MUNIR, US [72] COHEN, ERNEST SAMUEL, US [71] TELCORDIA TECHNOLOGIES, INC., US [85] 2000-01-27 [86] 1998-07-30 (PCT/US98/15861) [87] 1999-02-18 (WO99/08433) [30] US (08/907,599) 1997-08-08</p>

## Demandes PCT entrant en phase nationale

[21] **2,298,567**  
[13] A1

[51] **Int.Cl. 7H04L 27/00 7H04L 27/01 7H04J 1/02 7H04B 1/04**  
[25] EN  
[54] **WIRELESS BROADBAND TRANSMITTER FOR A SIGNAL CONSISTING OF A PLURALITY OF DIGITALLY MODULATED CARRIERS**  
[54] **EMETTEUR LARGE BANDE POUR UN SIGNAL CONSTITUE D'UNE PLURALITE DE PORTEUSES A MODULATION NUMERIQUE**  
[72] POLITI, MARCO, IT  
[72] BADA', ANNA MARINA, IT  
[71] ITALTEL S.P.A., IT  
[85] 2000-01-27  
[86] 1998-07-24 (PCT/EP98/04967)  
[87] 1999-02-11 (WO99/07093)  
[30] IT (MI97A001802) 1997-07-29

[21] **2,298,568**  
[13] A1

[51] **Int.Cl. 7D03C 3/42 7D03C 3/38**  
[25] EN  
[54] **LOOM HARNESS AND JAQUARD LOOM WITH LOOM HARNESS**  
[54] **HARNAIS A TISSER ET METIER JAQUARD COMPORTANT UN HARNAIS A TISSER**  
[72] SPEICH, FRANCISCO, CH  
[71] TEXTILMA AG, CH  
[85] 2000-01-27  
[86] 1998-05-27 (PCT/CH98/00222)  
[87] 1999-02-11 (WO99/06620)  
[30] DE (197 31 447.3) 1997-07-29

[21] **2,298,569**  
[13] A1

[51] **Int.Cl. 7H04N 7/10**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR AUDIENCE MONITORING**  
[54] **SYSTEMES ET PROCEDES DE MESURE DE L'AUDIMAT**  
[72] HUGON, JACQUES L., US  
[72] HANCOCK, KENNETH S., US  
[72] KLOSTERMAN, BRIAN L., US  
[72] MANKOVITZ, ROY J., US  
[72] O'CONNOR, DANIEL C., US  
[71] INDEX SYSTEMS, INC., VG  
[85] 2000-01-27  
[86] 1998-07-30 (PCT/US98/15890)  
[87] 1999-02-11 (WO99/07142)  
[30] US (60/054,260) 1997-07-30

[21] **2,298,570**  
[13] A1

[51] **Int.Cl. 7A63B 21/00**  
[25] EN  
[54] **FEEDFORWARD EXERCISE TRAINING MACHINE AND FEEDFORWARD EXERCISE EVALUATING SYSTEM**  
[54] **MACHINE D'ENTRAINEMENT POUR EXERCICE DE REACTION DYNAMIQUE ET SYSTEME D'EVALUATION D'EXERCICE DE REACTION DYNAMIQUE**  
[72] OSU, RIEKO, JP  
[72] DOMEN, KAZUHISA, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2000-01-27  
[86] 1999-05-26 (PCT/JP99/02767)  
[87] 1999-12-02 (WO99/61110)  
[30] JP (146335/1998) 1998-05-27

[21] **2,298,571**  
[13] A1

[51] **Int.Cl. 7H01M 4/06 7H01M 4/24**  
[25] EN  
[54] **ZINC-BASED ELECTRODE PARTICLE FORM**  
[54] **FORME DE PARTICULE D'ELECTRODE A BASE DE ZINC**  
[72] HARRIS, PETER BAYARD, US  
[72] LIN, LIFUN, US  
[72] DURKOT, RICHARD EDWARD, US  
[71] DURACELL INC., US  
[85] 2000-01-27  
[86] 1998-07-28 (PCT/US98/15517)  
[87] 1999-02-11 (WO99/07030)  
[30] US (905,254) 1997-08-01

[21] **2,298,572**  
[13] A1

[51] **Int.Cl. 7C07K 7/64 7A61K 38/13**  
[25] EN  
[54] **DEUTERATED CYCLOSPORINE ANALOGS AND THEIR USE AS IMMUNOMODULATING AGENTS**  
[54] **ANALOGUES DE CYCLOSPORINE DEUTERES ET LEUR UTILISATION COMME IMMUNOMODULATEURS**  
[72] YATSCOFF, RANDALL W., CA  
[72] NAICKER, S. SELVARAJ, CA  
[72] FOSTER, ROBERT T., CA  
[71] ISOTECHNIKA INC., CA  
[85] 2000-01-27  
[86] 1998-10-08 (PCT/IB98/01693)  
[87] 1999-04-15 (WO99/18120)  
[30] US (60/061,360) 1997-10-08

[21] **2,298,574**  
[13] A1

[51] **Int.Cl. 7C07D 261/04 7A01N 43/08 7C07D 307/58 7A01N 43/80**  
[25] EN  
[54] **2-BENZOYL-CYCLOHEXANE-1,3-DIONES**  
[54] **2-BENZOYLE-CYCLOHEXANE-1,3-DIONES**  
[72] OTTEN, MARTINA, DE  
[72] WITSCHER, MATTHIAS, DE  
[72] RHEINHEIMER, JOACHIM, DE  
[72] WALTER, HELMUT, DE  
[72] WAGNER, OLIVER, DE  
[72] ENGEL, STEFAN, DE  
[72] MISSLITZ, ULF, DE  
[72] BAUMANN, ERNST, DE  
[72] HILL, REGINA LUISE, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] MAYER, GUIDO, DE  
[72] VON DEYN, WOLFGANG, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-02-01  
[86] 1998-07-23 (PCT/EP98/04636)  
[87] 1999-02-18 (WO99/07688)  
[30] DE (19734201.9) 1997-08-07

[21] **2,298,575**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CONTROLLING RADIO COMMUNICATIONS NETWORK AND RADIO NETWORK CONTROLLER**  
[54] **PROCEDE ET SYSTEME DE GESTION DE RESEAU DE COMMUNICATIONS RADIO ET DE CONTROLEUR DE RESEAU RADIO**  
[72] RINNE, MIKA, FI  
[72] LAITINEN, LAURI, FI  
[71] NOKIA MOBILE PHONES LTD., FI  
[85] 2000-02-01  
[86] 1998-04-17 (PCT/FI98/00343)  
[87] 1999-02-25 (WO99/09774)  
[30] FI (973425) 1997-08-20

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,298,576</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>METHOD AND APPARATUS OF DETERMINING THE POSITION OF A MOBILE STATION</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA POSITION D'UNE STATION MOBILE</b> [72] JOHANSSON, JORGEN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-02-01 [86] 1998-08-21 (PCT/SE98/01503) [87] 1999-03-11 (WO99/12378) [30] SE (9703104-1) 1997-08-28</p>	<p style="text-align: right;">[21] <b>2,298,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/22 7H04M 15/00 7H04Q 3/00 7H04M 15/28</b> [25] EN [54] <b>MOBILE TERMINAL BASED TARIFF ACQUISITION SYSTEM FOR WIRELESS SERVICES</b> [54] <b>SYSTEME D'ACQUISITION DE TARIF BASE SUR LE TERMINAL MOBILE POUR SERVICES DE COMMUNICATION SANS FIL</b> [72] RAHMAN, TARIQ, SE [72] MCDONALD, LAURENCE, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-02-01 [86] 1998-08-21 (PCT/SE98/01501) [87] 1999-03-11 (WO99/12366) [30] US (08/921,030) 1997-08-29</p>	<p style="text-align: right;">[21] <b>2,298,581</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 11/06</b> [25] EN [54] <b>SINGLE POINT WRITING OF CONTROL INFORMATION</b> [54] <b>ECRITURE D'INFORMATION DE COMMANDE EN UN POINT UNIQUE</b> [72] HANSSON, ULF PETER, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-02-01 [86] 1998-08-10 (PCT/SE98/01448) [87] 1999-03-11 (WO99/12382) [30] SE (9703105-8) 1997-08-28 [30] SE (9800278-5) 1998-01-30</p>
<p style="text-align: right;">[21] <b>2,298,577</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 1/02</b> [25] EN [54] <b>RADIOTELEPHONE WITH SLIDING ACOUSTIC MEMBER</b> [54] <b>RADIOTELEPHONE AVEC DISPOSITIF ACOUSTIQUE COULISSANT</b> [72] BARTHA, ISTVAN, SE [72] THORNTON, CURTIS W., US [71] ERICSSON INC., US [85] 2000-02-01 [86] 1998-09-01 (PCT/US98/18146) [87] 1999-03-11 (WO99/12322) [30] US (08/923,165) 1997-09-04</p>	<p style="text-align: right;">[21] <b>2,298,580</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/37</b> [25] EN [54] <b>LAUNDRY DETERGENT COMPOSITIONS WITH AMINO ACID BASED POLYMERS TO PROVIDE APPEARANCE AND INTEGRITY BENEFITS TO FABRICS LAUNDERED THEREWITH</b> [54] <b>COMPOSITIONS DE DETERGENT A LESSIVE RENFERMANT DES POLYMERES A BASE D'AMINOACIDES DESTINES A CONFERER AUX TISSUS UN BEL ASPECT ET A LES PRESERVER INTACTS</b> [72] RANDALL, SHERRI LYNN, US [72] PANANDIKER, REJAN KESHAV, US [72] GOSSELINK, EUGENE PAUL, US [72] BOECKH, DIETER, DE [72] MOHR, BERNHARD, DE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-01-27 [86] 1998-08-07 (PCT/US98/16536) [87] 1999-02-18 (WO99/07814) [30] US (60/055,152) 1997-08-08</p>	<p style="text-align: right;">[21] <b>2,298,582</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 9/00</b> [25] EN [54] <b>DISTRIBUTED COMPUTING ARCHITECTURE</b> [54] <b>ARCHITECTURE DE CALCUL REPARTIE</b> [72] CLAWSON, JAMES, US [71] ZIPSOFT, INC., US [85] 2000-02-02 [86] 1998-07-27 (PCT/US98/15633) [87] 1999-03-04 (WO99/11018) [30] US (08/919,081) 1997-08-27</p>
<p style="text-align: right;">[21] <b>2,298,578</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A46B 9/04</b> [25] EN [54] <b>TOOTHBRUSH</b> [54] <b>BROSSE A DENTS</b> [72] WEIHRAUCH, GEORG, DE [71] CORONET-WERKE GMBH, DE [85] 2000-02-02 [86] 1998-07-22 (PCT/EP98/04603) [87] 1999-02-18 (WO99/07252) [30] DE (197 33 758.9) 1997-08-05</p>	<p style="text-align: right;">[21] <b>2,298,583</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01H 33/59</b> [25] EN [54] <b>SYNCHRONOUS SWITCHGEAR</b> [54] <b>APPAREIL DE COMMUTATION SYNCHRONE</b> [72] HIDAKA, MIKIO, JP [72] ITO, KIROKI, JP [72] KOHYAMA, HARUHIKO, JP [71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP [85] 2000-02-01 [86] 1998-07-16 (PCT/JP98/03204) [87] 2000-01-27 (WO00/04564)</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,298,584</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 14/00</b> [25] EN [54] <b>HITLESS RECONFIGURATION OF A WAVELENGTH DIVISION MULTIPLEXED OPTICAL COMMUNICATION NETWORK</b> [54] <b>RECONFIGURATION SANS A-COUPS D'UN RESEAU DE TELECOMMUNICATION PAR FIBRE OPTIQUE MULTIPLEXE EN LONGUEUR D'ONDE</b> [72] CHANG, GEE-KUNG, US [72] ELLINAS, GEORGIOS N., US [72] POST, MICHAEL, US [72] SHEN, CHIEN-CHUNG, US [72] BALA, KRISHNA, US [72] WEI, JOHN YEE-KEUNG, US [71] TELCORDIA TECHNOLOGIES, INC., US [85] 2000-01-27 [86] 1997-12-23 (PCT/US97/23798) [87] 1999-03-18 (WO99/13606) [30] US (08/926,332) 1997-09-05</p>	<p style="text-align: right;">[21] <b>2,298,586</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/40 7A61N 5/06</b> [25] EN [54] <b>IMMUNOSUPPRESSION BY PHOTOCHEMOTHERAPY</b> [54] <b>IMMUNODEPRESSION PAR PHOTOCHEMOTHERAPIE</b> [72] AIZAWA, KATSUO, JP [72] ARAAKE, MINAKO, JP [72] KUROIWA, YUKARI, JP [71] MEIJI SEIKA KAISHA, LTD., JP [85] 2000-02-02 [86] 1998-08-05 (PCT/JP98/03492) [87] 1999-02-18 (WO99/07364) [30] JP (9-210395) 1997-08-05</p>	<p style="text-align: right;">[21] <b>2,298,589</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 401/10 7C07D 261/08 7A01N 43/08 7C07D 405/10 7C07D 413/10 7C07D 213/30 7A01N 43/40 7C07D 307/42 7A01N 43/56 7C07D 307/58 7A01N 43/74</b> [25] EN [54] <b>SUBSTITUTED 4-BENZOYL-PYRAZOLES</b> [54] <b>4-BENZOYL-PYRAZOLES SUBSTITUES</b> [72] WALTER, HELMUT, DE [72] WESTPHALEN, KARL-OTTO, DE [72] MAYER, GUIDO, DE [72] HILL, REGINA LUISE, DE [72] MISSLITZ, ULF, DE [72] VON DEYN, WOLFGANG, DE [72] BAUMANN, ERNST, DE [72] OTTEN, MARTINA, DE [72] ENGEL, STEFAN, DE [72] WAGNER, OLIVER, DE [72] RHEINHEIMER, JOACHIM, DE [72] WITSCHEL, MATTHIAS, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-02-01 [86] 1998-07-20 (PCT/EP98/04481) [87] 1999-02-18 (WO99/07697) [30] DE (19734186.1) 1997-08-07</p>
<p style="text-align: right;">[21] <b>2,298,585</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 253/10 7C07C 255/07</b> [25] EN [54] <b>METHOD FOR PRODUCING MIXTURES OF MONOOLEFINIC C5-MONONITRILES BY CATALYTIC HYDROCYANATION IN THE PRESENCE OF A CATALYST CONTAINING AT LEAST ONE METALLOCENE PHOSPHOR (III)-NICKEL-(0) COMPLEX</b> [54] <b>PROCEDE DE PRODUCTION DE MELANGES DE MONONITRILES C5-MONO-OLEFINIQUES PAR HYDROCYANURATION CATALYTIQUE EN PRESENCE D'UN CATALYSEUR CONTENANT AU MOINS UN COMPLEXE METALLOCENE-PHOSPHORE(III)-NICKEL(0)</b> [72] SIEGEL, WOLFGANG, DE [72] FISCHER, JAKOB, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-02-01 [86] 1998-08-04 (PCT/EP98/04851) [87] 1999-02-18 (WO99/07671) [30] DE (19733682.5) 1997-08-04</p>	<p style="text-align: right;">[21] <b>2,298,587</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60C 3/04 7B60C 11/00</b> [25] EN [54] <b>HIGH ASPECT AGRICULTURAL OR OFF-ROAD TIRE</b> [54] <b>PNEUMATIQUE A USAGE AGRICOLE OU TOUT-TERRAIN A RAPPORT DIMENSIONNEL ELEVE</b> [72] WEED, DAVID BUSSE, US [72] BISHEL, STEVEN GEORGE, US [72] SHORTER, ANDREW CAPERTON, US [71] THE GOODYEAR TIRE &amp; RUBBER COMPANY, US [85] 2000-02-02 [86] 1997-08-25 (PCT/US97/14936) [87] 1999-03-04 (WO99/10190)</p>	<p style="text-align: right;">[21] <b>2,298,590</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 11/00</b> [25] EN [54] <b>SYSTEMS AND METHODS FOR GUIDING A MEDICAL INSTRUMENT THROUGH A BODY</b> [54] <b>SYSTEMES ET PROCEDES DE GUIDAGE D'UN INSTRUMENT A TRAVERS UN CORPS</b> [72] NEET, JOHN M., US [72] WINSTON, THOMAS R., US [71] INTRALUMINAL THERAPEUTICS, INC., US [85] 2000-02-01 [86] 1998-07-08 (PCT/US98/14499) [87] 1999-01-21 (WO99/02113) [30] US (08/890,631) 1997-07-09</p>
<p style="text-align: right;">[21] <b>2,298,588</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02K 7/14 7H02K 11/04 7F04D 13/06 7H02K 5/128 7H02K 3/52</b> [25] EN [54] <b>PUMP DRIVEN BY BRUSHLESS MOTOR</b> [54] <b>POMPE ENTRAINEE PAR UN MOTEUR SANS BALAI</b> [72] COOPER, DAVID J., US [72] SAVELIEV, MIKE, US [72] MCKEE, GARY F., US [71] SHURFLO PUMP MANUFACTURING CO., US [85] 2000-02-01 [86] 1998-08-04 (PCT/US98/16204) [87] 1999-02-18 (WO99/08366) [30] US (60/054,972) 1997-08-06 [30] US (09/126,400) 1998-07-30</p>	<p style="text-align: right;">[21] <b>2,298,589</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 401/10 7C07D 261/08 7A01N 43/08 7C07D 405/10 7C07D 413/10 7C07D 213/30 7A01N 43/40 7C07D 307/42 7A01N 43/56 7C07D 307/58 7A01N 43/74</b> [25] EN [54] <b>SUBSTITUTED 4-BENZOYL-PYRAZOLES</b> [54] <b>4-BENZOYL-PYRAZOLES SUBSTITUES</b> [72] WALTER, HELMUT, DE [72] WESTPHALEN, KARL-OTTO, DE [72] MAYER, GUIDO, DE [72] HILL, REGINA LUISE, DE [72] MISSLITZ, ULF, DE [72] VON DEYN, WOLFGANG, DE [72] BAUMANN, ERNST, DE [72] OTTEN, MARTINA, DE [72] ENGEL, STEFAN, DE [72] WAGNER, OLIVER, DE [72] RHEINHEIMER, JOACHIM, DE [72] WITSCHEL, MATTHIAS, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-02-01 [86] 1998-07-20 (PCT/EP98/04481) [87] 1999-02-18 (WO99/07697) [30] DE (19734186.1) 1997-08-07</p>	

## PCT Applications Entering the National Phase

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[21] **2,298,591**  
[13] A1

[51] **Int.Cl. 7A01M 7/00**  
[25] EN  
[54] **AGRICULTURAL AND HORTICULTURAL SPRAYING SYSTEMS**  
[54] **SYSTEMES DE PULVERISATION A FINS AGRICOLES OU HORTICOLES**  
[72] BENEST, ROGER SIDNEY, GB  
[71] BENEST ENGINEERING LIMITED, GB  
[85] 2000-02-01  
[86] 1999-06-07 (PCT/GB99/01651)  
[87] 1999-12-16 (WO99/63809)  
[30] GB (9811980.3) 1998-06-05  
[30] GB (9826865.9) 1998-12-08

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[21] **2,298,592**  
[13] A1

[51] **Int.Cl. 7B65D 5/43**  
[25] EN  
[54] **TAMPER EVIDENT CARTON SEAL**  
[54] **SCELLEMENT DE BOITE EN CARTON INVOLABLE**  
[72] ANDERSON, JEFF, CA  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2000-02-01  
[86] 1998-08-05 (PCT/US98/16291)  
[87] 1999-02-18 (WO99/07608)  
[30] US (08/906,783) 1997-08-06

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[21] **2,298,593**  
[13] A1

[51] **Int.Cl. 7G05B 19/05 7G05B 19/418 7G06F 9/44**  
[25] EN  
[54] **ARCHITECTURE FOR A HYBRID REAL-TIME CONTROL SYSTEM AND METHOD OF OPERATION THEREOF**  
[54] **ARCHITECTURE DESTINEE A UN SYSTEME HYBRIDE DE COMMANDE EN TEMPS REEL, ET PROCEDE DE FONCTIONNEMENT ASSOCIE**  
[72] SCHREDER, JAMES M., US  
[72] MCLAUGHLIN, PAUL F., US  
[72] MODY, PANKAJ H., US  
[72] RUDNICK, JURGEN, DE  
[71] HONEYWELL INC., US  
[85] 2000-02-01  
[86] 1998-08-19 (PCT/US98/17165)  
[87] 1999-03-04 (WO99/10784)  
[30] US (08/920,266) 1997-08-22

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[21] **2,298,594**  
[13] A1

[51] **Int.Cl. 7G05B 19/418 7H04L 29/14 7H04L 12/417**  
[25] EN  
[54] **SYSTEM AND METHODS FOR GENERATING AND DISTRIBUTING ALARM AND EVENT NOTIFICATIONS**  
[54] **SYSTEME ET PROCEDES DE GENERATION ET DE DISTRIBUTION DE NOTIFICATIONS D'EVENEMENTS ET D'ALARMS**  
[72] MCLAUGHLIN, PAUL F., US  
[71] HONEYWELL INC., US  
[85] 2000-02-01  
[86] 1998-08-21 (PCT/US98/17471)  
[87] 1999-03-04 (WO99/10789)  
[30] US (08/916,871) 1997-08-22

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[21] **2,298,595**  
[13] A1

[51] **Int.Cl. 7C07C 221/00 7C07C 291/04 7C07D 295/10**  
[25] EN  
[54] **PROCESS FOR CONVERTING PROPARGYLIC AMINE-N-OXIDES TO ENAMINONES**  
[54] **PROCEDE PERMETTANT DE CONVERTIR DES AMINO-N-OXYDES PROPARGYLIQUES EN ENAMINONES**  
[72] TRYBULSKI, EUGENE JOHN, US  
[72] DUSHIN, RUSSELL GEORGE, US  
[71] AMERICAN HOME PRODUCTS CORPORATION, US  
[85] 2000-01-27  
[86] 1998-07-24 (PCT/US98/15391)  
[87] 1999-02-11 (WO99/06351)  
[30] US (08/903,299) 1997-07-30  
[30] US (09/106,471) 1998-06-30

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[21] **2,298,596**  
[13] A1

[51] **Int.Cl. 7B05B 11/02 7A61M 15/00**  
[25] EN  
[54] **A METHOD FOR ADMINISTRATION OF ACTIVE SUBSTANCES TO THE OLFATORY REGION**  
[54] **PROCEDE D'ADMINISTRATION DE SUBSTANCES ACTIVES A L'AIRE OLFACTIVE**  
[72] GIZURARSON, SVEINJORN, IS  
[71] GIZURARSON, SVEINJORN, IS  
[85] 2000-02-02  
[86] 1998-07-01 (PCT/DK98/00297)  
[87] 1999-01-14 (WO99/01229)  
[30] IS (4516) 1997-07-01

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[21] **2,298,597**  
[13] A1

[51] **Int.Cl. 7C08K 5/1545 7G05D 22/00 7G10G 5/00 7C08J 5/18**  
[25] EN  
[54] **HUMIDITY CONTROL DEVICE**  
[54] **DISPOSITIF DE REGULATION DE L'HUMIDITE**  
[72] SAARI, ALBERT L., US  
[72] ESSE, ROBERT L., US  
[71] HUMIDI-PAK, INC., US  
[85] 2000-02-02  
[86] 1998-06-08 (PCT/US98/11968)  
[87] 1998-12-17 (WO98/57321)  
[30] US (08/871,560) 1997-06-10

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[21] **2,298,598**  
[13] A1

[51] **Int.Cl. 7B29C 45/00**  
[25] EN  
[54] **INJECTION MOULDING MACHINE WITHOUT BACK PLATE**  
[54] **PRESSE D'INJECTION SANS SOMMIER**  
[72] HOPP, CHRISTIAN, DE  
[72] FULLER, KLAUS, DE  
[71] ABWICKLUNGSGESELLSCHAFT KUNSTOFFMASCHINEN WERKSTRASSE GMBH & CO., DE  
[85] 2000-01-28  
[86] 1998-07-20 (PCT/EP98/04463)  
[87] 1999-02-11 (WO99/06201)  
[30] DE (197 32 337.5) 1997-07-28

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[21] **2,298,599**  
[13] A1

[51] **Int.Cl. 7H04B 10/12**  
[25] EN  
[54] **COMMUNICATION USING SPREAD SPECTRUM METHODS OVER OPTICAL FIBERS**  
[54] **COMMUNICATION PAR FIBRES OPTIQUES A L'AIDE DE PROCEDES D'ETALEMENT DU SPECTRE**  
[72] WEBER, JEAN-PIERRE (DECEASED), ZZ  
[72] GRANESTRAND, PER, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-01-28  
[86] 1998-07-30 (PCT/SE98/01424)  
[87] 1999-02-11 (WO99/07087)  
[30] SE (9702843-5) 1997-07-31

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## Demandes PCT entrant en phase nationale

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[21] **2,298,600**  
[13] A1  
[51] **Int.Cl. 7D04H 1/56 7B32B 5/08 7D01F 6/46**  
[25] EN  
[54] **SOFT NONWOVEN FABRIC MADE BY MELT EXTRUSION**  
[54] **TEXTILE NON TISSE, SOUPLE, FABRIQUE PAR EXTRUSION DE MATIERE FONDUE**  
[72] DHARMADHIKARY, RAHUL, US  
[72] CHU, KAREN, US  
[71] BBA NONWOVENS SIMPSONVILLE, INC., US  
[85] 2000-01-28  
[86] 1998-07-28 (PCT/US98/15601)  
[87] 1999-02-11 (WO99/06207)  
[30] US (60/054,081) 1997-07-29

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[21] **2,298,601**  
[13] A1  
[51] **Int.Cl. 7C07C 235/00**  
[25] EN  
[54] **INHIBITORS OF PROTEIN TYROSINE PHOSPHATASE**  
[54] **INHIBITEURS DE LA PROTEINE TYROSINE PHOSPHATASE**  
[72] BLEASDALE, JOHN, US  
[72] LILJEBRIS, CHARLOTTA, US  
[72] SCHOSTAREZ, HEINRICH JOSEF, US  
[72] MAY, PAUL D., US  
[72] LARSEN, SCOTT D., US  
[72] BARF, TJEERD, SE  
[71] PHARMACIA & UPJOHN COMPANY, US  
[85] 2000-01-28  
[86] 1998-08-24 (PCT/US98/17327)  
[87] 1999-03-11 (WO99/11606)  
[30] US (60/057,730) 1997-08-28

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[21] **2,298,602**  
[13] A1  
[51] **Int.Cl. 7B01D 63/02 7B01D 63/10 7B01D 69/10**  
[25] EN  
[54] **HOLLOW FIBER CO-FLOW FILTRATION DEVICE**  
[54] **DISPOSITIF DE FILTRATION A CO-ECOULEMENT ET A FIBRES CREUSES**  
[72] VAN REIS, ROBERT D., US  
[71] GENENTECH, INC., US  
[85] 2000-01-28  
[86] 1998-07-24 (PCT/US98/15476)  
[87] 1999-02-18 (WO99/07458)  
[30] US (08/907,307) 1997-08-06

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[21] **2,298,603**  
[13] A1  
[51] **Int.Cl. 7C07F 17/00**  
[25] EN  
[54] **PROCESS FOR SYNTHESIS OF MOLYBDENUM SULFIDE DIMERS**  
[54] **PROCEDES DE SYNTHESE DE DIMERES DE SULFURE DE MOLYBDENE**  
[72] DU, YUHUA, US  
[72] BOMBERGER, DAVID, US  
[72] WILSON, ROBERT B., JR., US  
[71] BP AMOCO CORPORATION, US  
[85] 2000-01-28  
[86] 1998-07-16 (PCT/US98/14685)  
[87] 1999-02-11 (WO99/06420)  
[30] US (08/903,054) 1997-07-30

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[21] **2,298,604**  
[13] A1  
[51] **Int.Cl. 7H02K 1/14 7H02K 21/16**  
[25] EN  
[54] **ELECTRIC MOTOR OF THE ELECTRONIC COMMUTATION TYPE FOR APPLICATIONS WITH A FEEDER LINE**  
[54] **MOTEUR ELECTRIQUE DE TYPE A COMMUTATION ELECTRONIQUE POUR APPLICATIONS DOTEES D'UNE LIGNE D'ALIMENTATION**  
[72] MAGGI, FLAVIO, IT  
[72] FASOLA, GIANCARLO, IT  
[72] CASATI, SERGIO, IT  
[72] DE FILIPPIS, PIETRO, IT  
[71] BITRON S.P.A., IT  
[85] 2000-01-27  
[86] 1999-05-25 (PCT/EP99/03552)  
[87] 1999-12-02 (WO99/62165)  
[30] IT (TO98A 000457) 1998-05-28

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[21] **2,298,605**  
[13] A1  
[51] **Int.Cl. 7C08L 83/06 7C09D 201/02 7C09D 183/06 7C09D 183/08 7C08L 83/08**  
[25] EN  
[54] **CURABLE COMPOSITIONS BASED ON FUNCTIONAL POLYSILOXANES**  
[54] **COMPOSITIONS DURCISSABLES A BASE DE POLYSILOXANES FONCTIONNELS**  
[72] CLAAR, JAMES A., US  
[72] DONNELLY, KAREN D., US  
[72] CARNEY, JOSEPH M., US  
[72] WOLFF, ANDREW R., US  
[72] WILT, TRUMAN F., US  
[72] WALTERS, DAVID N., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-01-27  
[86] 1998-07-21 (PCT/US98/15535)  
[87] 1999-02-11 (WO99/06487)  
[30] US (08/904,597) 1997-08-01

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[21] **2,298,606**  
[13] A1  
[51] **Int.Cl. 7B23H 7/26 7B23H 7/10**  
[25] EN  
[54] **FLOATING COVER ELECTRODE GUIDE SYSTEM FOR ELECTRIC DISCHARGE MACHINING**  
[54] **SYSTEME GUIDE D'ELECTRODE A COUVERCLE FLOTTANT POUR TRAVAIL D'USINAGE PAR ETINCELAGE**  
[72] BARBULESCU, GEORGE, US  
[71] ANN ARBOR MACHINE COMPANY, US  
[85] 2000-01-27  
[86] 1998-07-30 (PCT/US98/15903)  
[87] 1999-02-11 (WO99/06171)  
[30] US (904,479) 1997-07-31

## PCT Applications Entering the National Phase

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[21] **2,298,607**  
[13] A1

[51] **Int.Cl. 7A01N 41/02 7A61K 7/22 7C02F 1/50**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR CONTROLLING BIOFOULING USING SULFAMIC ACIDS**  
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE LUTTER CONTRE L'ENCRASSEMENT BIOLOGIQUE AU MOYEN D'ACIDES SULFAMIQUES**  
[72] VUNK, GRACIELA H., US  
[72] BRYANT, STEPHEN D., US  
[72] WHITTEMORE, MARILYN S., US  
[72] MCNEEL, THOMAS E., US  
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US  
[85] 2000-01-27  
[86] 1998-07-27 (PCT/US98/15371)  
[87] 1999-02-11 (WO99/05912)  
[30] US (08/901,895) 1997-07-29

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[21] **2,298,608**  
[13] A1

[51] **Int.Cl. 7H04M 1/24 7H04M 3/00 7G06F 15/16**  
[25] EN  
[54] **QUEUE SYSTEM AND METHOD FOR POINT-TO-POINT MESSAGE PASSING**  
[54] **SYSTEME ET PROCEDE DE MISE EN FILE D'ATTENTE POUR LE TRANSFERT DE MESSAGES POINT A POINT**  
[72] COCHINWALA, MUNIR, US  
[72] LEE, KUO-CHU, US  
[71] TELCORDIA TECHNOLOGIES, INC., US  
[85] 2000-01-27  
[86] 1998-07-30 (PCT/US98/15864)  
[87] 1999-02-18 (WO99/08431)  
[30] US (08/907,445) 1997-08-08

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[21] **2,298,609**  
[13] A1

[51] **Int.Cl. 7C02F 1/50**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR CONTROLLING BIOFOULING USING AMINO METHYL PHOSPHONIC ACIDS**  
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE LUTTER CONTRE LE BIO-ENCRASSEMENT AU MOYEN D'ACIDES AMINOMETHYL-PHOSPHONIQUES**  
[72] WHITTEMORE, MARILYN S., US  
[72] MCNEEL, THOMAS E., US  
[72] VUNK, GRACIELA H., US  
[72] BRYANT, STEPHEN D., US  
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US  
[85] 2000-01-27  
[86] 1998-07-27 (PCT/US98/15516)  
[87] 1999-02-11 (WO99/06325)  
[30] US (08/901,894) 1997-07-29

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[21] **2,298,610**  
[13] A1

[51] **Int.Cl. 7H02H 3/00**  
[25] EN  
[54] **REDUNDANT COMMUNICATIONS IN A PROTECTIVE RELAY**  
[54] **COMMUNICATIONS REDONDANTES DANS UN RELAIS DE PROTECTION**  
[72] POZZUOLI, MARZIO, CA  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-01-27  
[86] 1999-06-04 (PCT/US99/12460)  
[87] 1999-12-09 (WO99/63635)  
[30] US (09/092,030) 1998-06-05

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[21] **2,298,611**  
[13] A1

[51] **Int.Cl. 7H01B 12/02 7H01L 39/02 7H01L 39/24**  
[25] EN  
[54] **FINE UNIFORM FILAMENT SUPERCONDUCTORS**  
[54] **SUPRACONDUCTEURS FILAMENTAIRES, UNIFORMES, FINS**  
[72] HANCOCK, STEVEN, US  
[72] DEMORANVILLE, KENNETH L., US  
[72] CRAVEN, CHRISTOPHER A., US  
[72] SEUNTJENS, JEFFRY M., SG  
[72] ROBERTS, PETER R., US  
[72] ANTAYA, PETER D., US  
[72] CHRISTOPHERSON, CRAIG J., US  
[72] LI, QI, US  
[72] RILEY, GILBERT N., JR., US  
[72] GARRANT, JENNIFER H., US  
[71] AMERICAN SUPERCONDUCTOR CORPORATION, US  
[85] 2000-01-27  
[86] 1998-05-27 (PCT/US98/10724)  
[87] 1999-02-11 (WO99/07004)  
[30] US (08/902,421) 1997-07-29

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[21] **2,298,612**  
[13] A1

[51] **Int.Cl. 7H05H 1/34**  
[25] EN  
[54] **BLOW FORWARD CONTACT START PLASMA ARC TORCH WITH DISTRIBUTED NOZZLE SUPPORT**  
[54] **TORCHE A PLASMA A ARC ET A SYSTEME DE DEMARRAGE PAR CONTACT PAR POUSSEE VERS L'AVANT**  
[72] LINDSAY, JON, US  
[72] LU, ZHIPENG, US  
[72] EICKHOFF, STEPHEN T., US  
[72] KORNPORST, MICHAEL F., US  
[71] HYPERTHERM, INC., US  
[85] 2000-01-27  
[86] 1998-07-23 (PCT/US98/15218)  
[87] 1999-02-11 (WO99/07193)  
[30] US (08/904,694) 1997-08-01

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## Demandes PCT entrant en phase nationale

[21] **2,298,613**  
[13] A1

[51] **Int.Cl. 7G11B 7/24 7G02B 1/10**  
[25] EN  
[54] **APPARATUS FOR PROTECTING AND/OR REPAIRING AN OPTICAL SURFACE**  
[54] **APPAREIL DESTINE A PROTEGER ET/OU A REPARER UNE SURFACE OPTIQUE**  
[72] BURROUGHS, TREVOR ALAN, GB  
[71] OPTIDISC INTERNATIONAL LIMITED, GB  
[85] 2000-01-27  
[86] 1998-07-27 (PCT/GB98/02229)  
[87] 1999-02-11 (WO99/06994)  
[30] GB (9716268.9) 1997-07-31

[21] **2,298,614**  
[13] A1

[51] **Int.Cl. 7G06K 9/64**  
[25] EN  
[54] **POST-PROCESSING SYSTEM FOR OPTICAL CORRELATORS**  
[54] **SYSTEME DE POST-TRAITEMENT POUR CORRELATEURS OPTIQUES**  
[72] GREEN, ROGER ALLEN, US  
[72] BRISON, WILLIAM WOODS, US  
[71] LOCKHEED MARTIN CORPORATION, US  
[85] 2000-01-27  
[86] 1998-07-23 (PCT/US98/15337)  
[87] 1999-02-11 (WO99/06944)  
[30] US (08/901,935) 1997-07-29

[21] **2,298,615**  
[13] A1

[51] **Int.Cl. 7C09B 67/00**  
[25] EN  
[54] **NEONANOPLASTS AND MICROEMULSION TECHNOLOGY FOR INKS AND INK JET PRINTING**  
[54] **TECHNIQUES RECOURANT AUX NEONANOPLASTES ET AUX MICROEMULSIONS RELATIVES AUX ENCRE ET A L'IMPRESSION PAR JETS D'ENCRE**  
[72] NOHR, RONALD SINCLAIR, US  
[72] MACDONALD, JOHN GAVIN, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-01-27  
[86] 1999-05-28 (PCT/US99/11946)  
[87] 1999-12-09 (WO99/63006)  
[30] US (60/087,893) 1998-06-03

[21] **2,298,616**  
[13] A1

[51] **Int.Cl. 7F16B 13/00 7B25D 3/00**  
[25] EN  
[54] **FIXING**  
[54] **DISPOSITIFS DE FIXATION**  
[72] WALLACE, THOMAS CAMPBELL, GB  
[71] THE RAWLPLUG COMPANY LIMITED, GB  
[85] 2000-01-31  
[86] 1998-07-31 (PCT/GB98/02163)  
[87] 1999-02-11 (WO99/06717)  
[30] GB (9716171.5) 1997-08-01  
[30] GB (9720520.7) 1997-09-27

[21] **2,298,618**  
[13] A1

[51] **Int.Cl. 7C07C 7/00**  
[25] EN  
[54] **IMPROVED PROCESSES FOR MAKING SURFACTANTS VIA ADSORPTIVE SEPARATION AND PRODUCTS THEREOF**  
[54] **PROCEDES AMELIORES DE FABRICATION DE TENSIO-ACTIFS SELON UNE TECHNIQUE DE SEPARATION PAR ADSORPTION ET PRODUITS AINSI OBTENUS**  
[72] CONNOR, DANIEL STEDMAN, US  
[72] KOTT, KEVIN LEE, US  
[72] VINSON, PHILLIP KYLE, US  
[72] BURCKETT-ST.LAURENT, JAMES CHARLES THEOPHILE ROGER, US  
[72] SCHEIBEL, JEFFREY JOHN, US  
[72] CRIPE, THOMAS ANTHONY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-01-27  
[86] 1998-08-04 (PCT/US98/16362)  
[87] 1999-02-18 (WO99/07656)  
[30] US (60/055,437) 1997-08-08

[21] **2,298,619**  
[13] A1

[51] **Int.Cl. 7C08K 3/22 7C08K 13/02 7C08K 9/04 7B29C 61/08 7H01B 7/29 7H01B 3/44**  
[25] EN  
[54] **FLAME-RETARDANT RESIN COMPOSITION, AND INSULATING ELECTRIC WIRE, TUBE, HEAT-SHRINKABLE TUBE, FLAT CABLE, AND DC HIGH-TENSION ELECTRIC WIRE ALL MADE OF THE COMPOSITION**  
[54] **COMPOSITION DE RESINE RETARDANT LA FLAMME, ET FIL ELECTRIQUE ISOLANT, TUBE, TUBE THERMORETRACTABLE, CABLE PLAT ET FIL ELECTRIQUE A HAUTE TENSION CC FABRIQUES AVEC LADITE COMPOSITION**  
[72] SHUKUSHIMA, SATOSHI, JP  
[72] HAYAMI, HIROSHI, JP  
[72] MORIUCHI, KIYOAKI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2000-01-28  
[86] 1999-05-26 (PCT/JP99/02784)  
[87] 1999-12-09 (WO99/63004)  
[30] JP (10/164453) 1998-05-29  
[30] JP (10/227514) 1998-07-29  
[30] JP (10/333174) 1998-11-24

[21] **2,298,620**  
[13] A1

[51] **Int.Cl. 7G06T 15/70**  
[25] EN  
[54] **SYSTEM AND METHOD OF DEFINING AND EMPLOYING ARTICULATED CHAINS**  
[54] **SYSTEME ET PROCEDE DE DEFINITION ET D'UTILISATION DE CHAINES ARTICULEES**  
[72] BOUCHER, YVES, CA  
[71] AVID TECHNOLOGY, INC., US  
[85] 2000-01-27  
[86] 1998-06-24 (PCT/CA98/00620)  
[87] 1999-02-11 (WO99/06960)  
[30] US (60/054,552) 1997-08-01  
[30] US (08/946,274) 1997-10-07



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,298,621</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 37/00</b> [25] EN [54] <b>METHOD OF REMOVING BETA-2 MICROGLOBULIN FROM BLOOD</b> [54] <b>PROCEDE PERMETTANT D'EXTRAIRE LA BETA-2 MICROGLOBULINE CONTENUE DANS DU SANG</b> [72] BRAVERMAN, ANDREW, US [72] DAVANKOV, VADIM, RU [71] ADVANCED RENAL TECHNOLOGIES, LLC, US [85] 2000-01-28 [86] 1998-07-29 (PCT/US98/16118) [87] 1999-02-11 (WO99/06098) [30] US (08/902,727) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,298,624</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/20 7A23G 3/00 7A61K 9/00 7A61K 31/375</b> [25] EN [54] <b>ASCORBIC ACID-BASED FORMULATION HAVING IMPROVED COLOUR STABILITY</b> [54] <b>FORMULATION A BASE D'ACIDE ASCORBIQUE, CARACTERISEE PAR UNE MEILLEURE STABILITE DES COULEURS</b> [72] SCHWARZ, EUGEN, DE [72] MOSCHL, GERNOT, DE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE [85] 2000-01-28 [86] 1998-07-21 (PCT/EP98/04556) [87] 1999-02-11 (WO99/06029) [30] DE (197 33 094.0) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,627</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23K 1/00</b> [25] EN [54] <b>GRANULAR PLASMA PROTEIN SUPPLEMENT WITH INCREASED BIO-EFFICACY</b> [54] <b>COMPLEMENT A BASE DE PROTEINE PLASMATIQUE EN GRANULES A BIO-EFFICACITE ACCRUE</b> [72] CAMPBELL, JOY M., US [72] WEAVER, ERIC M., US [72] RUSSELL, LOUIS, US [71] AMPC, INC., US [85] 2000-01-31 [86] 1998-08-10 (PCT/US98/16621) [87] 1999-02-18 (WO99/07236) [30] US (60/055,339) 1997-08-11 [30] US (09/015,179) 1998-01-29</p>
<p style="text-align: right;">[21] <b>2,298,622</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 17/04 7A61K 7/00 7A61K 7/50</b> [25] EN [54] <b>WET-LIKE CLEANING ARTICLES</b> [54] <b>ARTICLES NETTOYANTS DE TYPE HUMIDE</b> [72] MACKEY, LARRY NEIL, US [72] ENRIGHT, NANCY KIM, US [72] GORDON, GREGORY CHARLES, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-01-27 [86] 1998-07-20 (PCT/IB98/01099) [87] 1999-02-11 (WO99/06523) [30] US (60/054,389) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,625</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 15/70</b> [25] EN [54] <b>METHOD FOR GENERATING 3D ANIMATIONS FROM ANIMATION DATA</b> [54] <b>PROCEDE DE GENERATION D'ANIMATIONS 3D A PARTIR DE DONNEES D'ANIMATION</b> [72] MORGAN, GARETH JOHN-D'ARCY, CA [72] GAGNE, RÉJEAN, CA [71] AVID TECHNOLOGY, INC., US [85] 2000-01-27 [86] 1998-06-24 (PCT/CA98/00621) [87] 1999-02-11 (WO99/06961) [30] US (60/054,589) 1997-08-01 [30] US (09/027,720) 1998-02-23</p>	<p style="text-align: right;">[21] <b>2,298,628</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D06F 55/02 7H01R 11/24</b> [25] EN [54] <b>HOLDING DEVICE</b> [54] <b>DISPOSITIF DE MAINTIEN</b> [72] LANGFORD, IVOR BARRIE, GB [71] LANGFORD, IVOR BARRIE, GB [85] 2000-01-31 [86] 1998-04-07 (PCT/GB98/01023) [87] 1999-02-11 (WO99/06626) [30] GB (9715968.5) 1997-07-30</p>
<p style="text-align: right;">[21] <b>2,298,623</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60J 1/18</b> [25] EN [54] <b>INSERT MOLDED FRAME AND GLAZING ASSEMBLY AND METHOD FOR MAKING THE SAME</b> [54] <b>ENSEMBLE VITRAGE ET CADRE MOULES RAPPORTES ET PROCEDE DE FABRICATION DE CET ENSEMBLE</b> [72] OJANEN, LASSI M., CA [72] HIRMER, GERHARD F., CA [71] DECOMA INTERNATIONAL INC., CA [85] 2000-01-28 [86] 1998-07-30 (PCT/CA98/00734) [87] 1999-02-11 (WO99/06235) [30] US (60/054,393) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,626</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 13/04 7C07C 22/00</b> [25] EN [54] <b>A PROCESS FOR THE PREPARATION OF CYCLOPROPYLACETYLENE</b> [54] <b>PREPARATION DU CYCLOPROPYLACETYLENE</b> [72] WANG, ZHE, US [72] FORTUNAK, JOSEPH M., US [72] YIN, JIANGUO, US [71] DUPONT PHARMACEUTICALS COMPANY, US [85] 2000-01-31 [86] 1998-07-29 (PCT/US98/15765) [87] 1999-02-11 (WO99/06341) [30] US (60/054,402) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,629</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/68</b> [25] EN [54] <b>METHOD OF IDENTIFYING AND DEVELOPING DRUG LEADS</b> [54] <b>PROCEDE D'IDENTIFICATION ET DE DEVELOPPEMENT DE CHEFS DE FILE DE MEDICAMENTS</b> [72] THORP, H. HOLDEN, GB [71] NOVALON PHARMACEUTICAL CORPORATION, US [85] 2000-01-31 [86] 1998-07-30 (PCT/US98/15943) [87] 1999-02-11 (WO99/06839) [30] US (08/904,842) 1997-08-01</p>

## Demandes PCT entrant en phase nationale

[21] **2,298,630**  
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7C07H 21/00 7C07H 19/04 7C12P 19/34 7C12Q 1/68**  
[25] EN  
[54] **CHROMATOGRAPHIC METHOD FOR MUTATION DETECTION USING MUTATION SITE SPECIFICALLY ACTING ENZYMES**  
[54] **PROCEDE CHROMATOGRAPHIQUE DE DETECTION DE MUTATION PAR UTILISATION D'ENZYMES AGISSANT SPECIFIQUEMENT SUR LE SITE DE MUTATION**  
[72] GJERDE, DOUGLAS T., US  
[72] TAYLOR, PAUL D., US  
[71] TRANSGENOMIC, INC., US  
[85] 2000-01-31  
[86] 1998-08-18 (PCT/US98/17062)  
[87] 1999-02-25 (WO99/09203)  
[30] US (60/055,676) 1997-08-18  
[30] US (60/062,413) 1997-10-14

[21] **2,298,631**  
[13] A1

[51] **Int.Cl. 7E21B 10/46 7E21B 10/56**  
[25] EN  
[54] **PARTIALLY ENHANCED DRILL BIT**  
[54] **TREPAN PARTIELLEMENT AMELIORE**  
[72] INGMARSSON, KARL, US  
[71] SANDVIK AB, SE  
[85] 2000-01-31  
[86] 1998-08-14 (PCT/SE98/01469)  
[87] 1999-02-25 (WO99/09292)  
[30] US (08/912,404) 1997-08-18

[21] **2,298,632**  
[13] A1

[51] **Int.Cl. 7B07C 3/12 7B07C 3/00**  
[25] EN  
[54] **IMPROVED PACKAGE AND MAIL DELIVERY SYSTEM**  
[54] **SYSTEME PERFECTIONNE DE DISTRIBUTION DE PAQUETS ET DE COURRIER**  
[72] PHAM, THIET, US  
[72] KATO, KIROKU, US  
[71] PHAM, THIET, US  
[71] KATO, KIROKU, US  
[85] 2000-01-31  
[86] 1998-07-27 (PCT/US98/15574)  
[87] 1999-02-11 (WO99/06161)  
[30] US (08/904,891) 1997-08-01

[21] **2,298,633**  
[13] A1

[51] **Int.Cl. 7H01Q 1/00 7H01R 13/719**  
[25] EN  
[54] **ANTENNA CONNECTOR FOR RADIO COMMUNICATION EQUIPMENT**  
[54] **CONNECTEUR D'ANTENNE POUR EQUIPEMENT DE RADIOCOMMUNICATION**  
[72] RYOU, BYUNGHOO, KR  
[72] SUNG, WEONMO, KR  
[71] RYOU, BYUNGHOO, KR  
[85] 2000-01-31  
[86] 1999-05-31 (PCT/KR99/00266)  
[87] 1999-12-09 (WO99/63626)  
[30] KR (1998/9317 U) 1998-06-01  
[30] KR (1999/8208 U) 1999-05-14

[21] **2,298,634**  
[13] A1

[51] **Int.Cl. 7F16K 17/36**  
[25] EN  
[54] **IMPROVED RETAINING STRUCTURE FOR A FUEL TANK MOUNTED VALVE BODY**  
[54] **STRUCTURE DE MAINTIEN AMELIOREE POUR UN CORPS DE SOUPEPE MONTE DANS UN RESERVOIR DE CARBURANT**  
[72] LEADFORD, GARY H., US  
[71] EATON CORPORATION, US  
[85] 2000-01-31  
[86] 1998-07-29 (PCT/US98/15757)  
[87] 1999-02-11 (WO99/06745)  
[30] US (08/902,838) 1997-07-30

[21] **2,298,635**  
[13] A1

[51] **Int.Cl. 7C08G 77/38**  
[25] EN  
[54] **POLYSILOXANE POLYOLS**  
[54] **POLYOLS DE POLYSILOXANE**  
[72] WOLFF, ANDREW R., US  
[72] DONNELLY, KAREN D., US  
[72] WILT, TRUMAN F., US  
[72] WALTERS, DAVID N., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-01-31  
[86] 1998-07-21 (PCT/US98/15260)  
[87] 1999-02-11 (WO99/06472)  
[30] US (08/904,598) 1997-08-01

[21] **2,298,636**  
[13] A1

[51] **Int.Cl. 7E21B 10/56**  
[25] EN  
[54] **DIAMOND-COATED BUTTON INSERT FOR DRILLING AND PERCUSSIVE ROCK DRILL**  
[54] **INSERT A PASTILLES REVETU DE DIAMANT POUR FORAGE ET PERFORATRICE DE ROCHES A PERCUSSION**  
[72] INGMARSSON, KARL, US  
[71] SANDVIK AB, SE  
[85] 2000-02-03  
[86] 1998-08-14 (PCT/SE98/01470)  
[87] 1999-02-25 (WO99/09293)  
[30] US (08/912,562) 1997-08-18

[21] **2,298,637**  
[13] A1

[51] **Int.Cl. 7A61B 17/12**  
[25] EN  
[54] **OCCLUSION SYSTEM FOR ANEURYSM REPAIR**  
[54] **SYSTEME D'OCCLUSION SERVANT A REPARER UN ANEURISME**  
[72] TREMAGLIO, ANTHONY R., JR., US  
[72] MCCRORY, JENNIFER J., US  
[72] GUTERMAN, LEE R., US  
[71] BOSTON SCIENTIFIC CORPORATION, US  
[85] 2000-02-03  
[86] 1998-07-29 (PCT/US98/15690)  
[87] 1999-02-11 (WO99/05977)  
[30] US (60/054,810) 1997-08-04

[21] **2,298,638**  
[13] A1

[51] **Int.Cl. 7H04Q 7/30**  
[25] EN  
[54] **METHODS AND APPARATUS FOR IMPROVED BASE STATION TRANSCEIVERS**  
[54] **PROCEDE ET APPAREIL RELATIFS A DES EMETTEURS RECEPTEURS DE STATIONS DE BASE**  
[72] OGAZ, RONALD S., US  
[72] STARK, GERALD E., US  
[71] ITERWAVE COMMUNICATIONS, BM  
[85] 2000-02-04  
[86] 1998-08-17 (PCT/US98/16984)  
[87] 1999-02-25 (WO99/09769)  
[30] US (08/914,983) 1997-08-20

## PCT Applications Entering the National Phase

[21] **2,298,639**  
[13] A1

[51] **Int.Cl. 7A61K 38/15 7C07K 11/00 7A61P 35/00 7A61K 38/04**  
[25] EN  
[54] **SYNTHETIC ANTINEOPLASTIC AGENTS DERIVED FROM DOLASTATIN 15 AND METHODS OF MAKING SAME**  
[54] **AGENTS ANTINEOPLASQUES SYNTHETIQUES DERIVES DE LA DOLASTATINE 15 ET LEURS PROCEDES DE FABRICATION**  
[72] FLAHIVE, ERIK J., US  
[72] PETTIT, GEORGE R., US  
[71] ARIZONA BOARD OF REGENTS, US  
[85] 2000-01-31  
[86] 1998-09-23 (PCT/US98/19954)  
[87] 1999-04-01 (WO99/15130)  
[30] US (60/059,853) 1997-09-24

[21] **2,298,640**  
[13] A1

[51] **Int.Cl. 7A41B 3/12 7A41D 27/00 7A41D 27/26**  
[25] EN  
[54] **STRETCH CUSHION STRAP ASSEMBLY AND METHOD AND DEVICE FOR MAKING SAME**  
[54] **ENSEMBLE BANDE REMBOURREE ELASTIQUE ET PROCEDE ET DISPOSITIF POUR FABRIQUER CET ENSEMBLE**  
[72] PASCHAL, P. BENJAMIN, US  
[72] FALLA, GLORIA, US  
[72] PETROVICH, JOSEPH M., US  
[72] POINDEXTER, BILLY II, US  
[72] TEDESCHI, ANTHONY J., US  
[71] PLAYTEX APPAREL, INC., US  
[85] 2000-01-31  
[86] 1998-07-30 (PCT/US98/15750)  
[87] 1999-02-11 (WO99/05925)  
[30] US (08/904,518) 1997-08-01

[21] **2,298,641**  
[13] A1

[51] **Int.Cl. 7G06T 15/70 7G06T 17/40**  
[25] EN  
[54] **METHOD AND SYSTEM FOR EDITING OR MODIFYING 3D ANIMATIONS IN A NON-LINEAR EDITING ENVIRONMENT**  
[54] **PROCEDE ET DISPOSITIF D'EDITION OU DE MODIFICATION D'ANIMATIONS 3D DANS UN ENVIRONNEMENT D'EDITION NON-LINEAIRE**  
[72] GAGNE, RÉJEAN, CA  
[72] CAJOLET, CLAUDE, CA  
[71] AVID TECHNOLOGY, INC., US  
[85] 2000-01-27  
[86] 1998-05-20 (PCT/CA98/00489)  
[87] 1999-02-11 (WO99/06959)  
[30] US (60/054,590) 1997-08-01  
[30] US (09/049,066) 1998-03-27

[21] **2,298,642**  
[13] A1

[51] **Int.Cl. 7H01H 71/74**  
[25] EN  
[54] **MODULAR PROTECTIVE RELAY WITH SUBMODULES**  
[54] **RELAIS DE PROTECTION MODULAIRE A SOUS-MODULES**  
[72] DIAS, CLIVE, CA  
[72] POZZUOLI, MARZIO, CA  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-01-27  
[86] 1999-06-22 (PCT/US99/12826)  
[87] 1999-12-29 (WO99/67860)  
[30] US (09/102,632) 1998-06-23

[21] **2,298,643**  
[13] A1

[51] **Int.Cl. 7A63H 3/00 7A63H 33/00**  
[25] EN  
[54] **DOLL DISPLAY PACKAGE FACILITATING DOLL ACTION DEMONSTRATION**  
[54] **PRESENTOIR POUR PRESENTATIONS ANIMEES DE POUPEES MECANIQUES**  
[72] HONDA, DALE, US  
[71] MATTEL, INC., US  
[85] 2000-01-27  
[86] 1999-01-28 (PCT/US99/01767)  
[87] 1999-08-12 (WO99/39792)  
[30] US (09/020,264) 1998-02-06

[21] **2,298,644**  
[13] A1

[51] **Int.Cl. 7B43L 11/00 7G01B 9/08**  
[25] EN  
[54] **DEVICE AND METHOD FOR MARKING OPHTHALMIC LENSES AND MOLDS**  
[54] **DISPOSITIF ET PROCEDE DE MARQUAGE DE VERRES ET DE MOULES OPHTALMIQUES**  
[72] HAWKINS, THOMAS J., US  
[72] WEIR, ROBERT P., US  
[71] SOLA INTERNATIONAL, INC., US  
[85] 2000-01-28  
[86] 1998-07-31 (PCT/US98/15326)  
[87] 1999-02-11 (WO99/06225)  
[30] US (08/903,721) 1997-07-31

[21] **2,298,645**  
[13] A1

[51] **Int.Cl. 7A61K 33/24 7A61K 31/555**  
[25] EN  
[54] **USE OF PHYSIOLOGICALLY ACCEPTABLE VANADIUM COMPOUNDS, SALTS AND COMPLEXES**  
[54] **UTILISATION DE COMPOSES, DE SELS ET DE COMPLEXES DE VANADIUM ACCEPTABLES SUR LE PLAN PHYSIOLOGIQUE**  
[72] GHO, CONRADUS GHOSAL, NL  
[71] GHO'ST HOLDING B.V., NL  
[85] 2000-01-28  
[86] 1998-07-29 (PCT/NL98/00431)  
[87] 1999-02-11 (WO99/06056)  
[30] NL (1006681) 1997-07-29

[21] **2,298,646**  
[13] A1

[51] **Int.Cl. 7E06B 5/10 7E06B 9/24**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SECURING A PANE AGAINST IMPACT**  
[54] **APPAREIL ET PROCEDE DE PROTECTION D'UN CARREAU CONTRE LES CHOCS**  
[72] TRUNDLE, SIMON, GB  
[71] FRAMEGARD ANCHORING SYSTEMS LIMITED, GB  
[85] 2000-01-28  
[86] 1998-07-30 (PCT/GB98/02285)  
[87] 1999-02-11 (WO99/06664)  
[30] GB (9716105.3) 1997-07-30  
[30] GB (9800992.1) 1998-01-16

## Demandes PCT entrant en phase nationale

[21] **2,298,647**  
[13] A1

[51] **Int.Cl. 7H04B 15/00 7H04K 1/00 7H04B 7/10 7H04L 27/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSMITTING SIGNALS IN A COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE SIGNAUX DANS UN SYSTEME DE TELECOMMUNICATIONS**  
[72] ROZANSKI, WALTER J., JR., US  
[72] KOTZIN, MICHAEL D., US  
[71] MOTOROLA, INC., US  
[85] 2000-01-27  
[86] 1998-07-14 (PCT/US98/14560)  
[87] 1999-02-11 (WO99/07090)  
[30] US (08/904,204) 1997-07-31

[21] **2,298,648**  
[13] A1

[51] **Int.Cl. 7C09J 175/06 7C09J 167/02**  
[25] EN  
[54] **POLYURETHANE ADHESIVE, METHOD FOR USE IN BONDING, AND USE OF MIXTURE**  
[54] **ADHESIF POLYURETHANNE, PROCEDE D'UTILISATION DANS LE COLLAGE ET UTILISATION D'UN MELANGE**  
[72] YASUDA, MASAHIKO, JP  
[72] NAKAJIMA, TETSUYA, JP  
[72] MURATA, SHIGERU, JP  
[71] KYOWA YUKA CO., LTD., JP  
[85] 2000-01-28  
[86] 1998-07-23 (PCT/JP98/03285)  
[87] 1999-02-11 (WO99/06498)  
[30] JP (9-202930) 1997-07-29

[21] **2,298,649**  
[13] A1

[51] **Int.Cl. 7G08B 13/08**  
[25] EN  
[54] **DOOR FRAME WITH INTEGRATED KEYLESS ENTRY SYSTEM**  
[54] **HUISSERIE A SYSTEME D'ENTREE SANS CLE INTEGRE**  
[72] MEYVIS, DANIEL, US  
[71] THE STANLEY WORKS, US  
[85] 2000-01-28  
[86] 1998-07-28 (PCT/US98/15614)  
[87] 1999-02-11 (WO99/06976)  
[30] US (08/902,249) 1997-07-29

[21] **2,298,650**  
[13] A1

[51] **Int.Cl. 7B31B 1/90 7B31B 3/00 7B65D 5/74**  
[25] EN  
[54] **PACKAGING MATERIAL PROCESSING APPARATUS AND METHOD OF PRODUCING PACKAGING CONTAINERS**  
[54]  
[72] KUMETA, YUKIHISA, JP  
[72] MORIYAMA, YASUYUKI, JP  
[72] KATSUMATA, SHIGEO, JP  
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH  
[85] 2000-02-03  
[86] 1998-08-12 (PCT/JP98/03599)  
[87] 1999-02-25 (WO99/08863)  
[30] JP (9-218799) 1997-08-13

[21] **2,298,651**  
[13] A1

[51] **Int.Cl. 7A61K 31/535 7C07C 211/00 7C07C 213/00 7C07C 215/00 7C07C 217/00 7C07C 273/00 7C07D 487/00 7C07D 207/04 7C07D 241/04 7C07D 211/06 7A61K 31/135 7A61K 31/17 7C07D 265/30 7C07D 207/40 7A61K 31/40 7A61K 31/445 7A61K 31/495 7A61K 31/505 7A61K 31/52**  
[25] EN  
[54] **1--4-(SUBSTITUTED ALKOXY)BENZYL]NAPHTHALENE COMPOUNDS HAVING ESTROGEN INHIBITORY ACTIVITY**  
[54] **COMPOSES 1-{4-(SUBSTITUES ALKOXY)BENZYL]NAPHTALENE POSSEDANT UNE ACTIVITE INHIBITRICE D'OESTROGENES**  
[72] LUGAR, CHARLES WILLIS III, US  
[72] DODGE, JEFFREY ALAN, US  
[72] GLASEBROOK, ANDREW LAWRENCE, US  
[71] ELI LILLY & COMPANY, US  
[85] 2000-02-03  
[86] 1998-08-04 (PCT/US98/16065)  
[87] 1999-02-18 (WO99/07377)  
[30] US (60/054,952) 1997-08-07

[21] **2,298,652**  
[13] A1

[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **MULTIPLE AXIS INTERVERTEBRAL PROSTHESIS**  
[54] **PROTHESE INTERVERTEBRALE A AXES MULTIPLES**  
[72] GORDON, DENNIS P., US  
[71] GORDON, MAYA, ROBERTS & THOMAS NUMBER 1 LLC, US  
[85] 2000-02-04  
[86] 1998-08-04 (PCT/US98/16250)  
[87] 1999-02-11 (WO99/05995)  
[30] US (60/054,622) 1997-08-04

[21] **2,298,653**  
[13] A1

[51] **Int.Cl. 7A61L 15/62 7B05D 7/02 7A61L 15/52**  
[25] EN  
[54] **SCREEN PRINTED COATING ON WATER-SENSITIVE FILM FOR WATER PROTECTION**  
[54] **REVETEMENT IMPRIME PAR SERIGRAPHIE SITUE SUR UN FILM SENSIBLE A L'EAU POUR PROTEGER DE L'EAU**  
[72] KERINS, JOHN E., US  
[72] CHANG, YIHUA, US  
[72] POMPLUN, WILLIAM S., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-01-31  
[86] 1998-07-22 (PCT/US98/15193)  
[87] 1999-02-25 (WO99/08727)  
[30] US (08/912,145) 1997-08-15

[21] **2,298,654**  
[13] A1

[51] **Int.Cl. 7B01J 23/44 7C07C 68/00 7B01J 23/64 7B01J 23/89 7C07C 69/96**  
[25] EN  
[54] **CATALYST AND PROCESS FOR THE PREPARATION OF AROMATIC CARBONATES**  
[54] **CATALYSEUR ET PROCEDE DE PREPARATION DE CARBONATES AROMATIQUES**  
[72] YOSHISATO, EISHIN, JP  
[71] TEIJIN LIMITED, JP  
[85] 2000-01-31  
[86] 1998-08-04 (PCT/JP98/03473)  
[87] 1999-02-11 (WO99/06142)  
[30] JP (9/209059) 1997-08-04  
[30] JP (10/25700) 1998-02-06  
[30] JP (10/127497) 1998-05-11

## PCT Applications Entering the National Phase

[21] **2,298,655**  
[13] A1

[51] **Int.Cl. 7C08L 83/04 7C08K 5/09 7C08K 5/521 7C08K 5/54**  
[25] EN  
[54] **ORGANOPOLYSILOXANE COMPOSITIONS WHICH CAN BE CROSSLINKED TO ELASTOMERS, ALCOHOLS BEING SPLIT OFF**  
[54] **MATIERES POLYORGANOSILOXANIQUES RETICULABLES AVEC SEPARATION D'ALCOOLS POUR FORMER DES ELASTOMERES**  
[72] DORSCH, NORMAN, DE  
[72] SOMMER, OSWIN, DE  
[72] OBERNEDER, STEFAN, DE  
[72] HECHTL, WOLFGANG, DE  
[72] HEINRICH, RUDOLF, DE  
[71] WACKER-CHEMIE GMBH, DE  
[85] 2000-01-31  
[86] 1998-07-02 (PCT/EP98/04099)  
[87] 1999-02-11 (WO99/06486)  
[30] DE (197 331 68.8) 1997-07-31

[21] **2,298,656**  
[13] A1

[51] **Int.Cl. 7E21B 10/40 7E21B 10/62**  
[25] EN  
[54] **DRILLING TOOL FOR DOWN-THE-HOLE DRILLING, REAMER MEANS AND BODY ELEMENT FOR USE IN THE TOOL**  
[54] **OUTIL DE FORAGE FOND DE Puits, ALESOIR ET ELEMENT DE CORPS UTILISES AVEC CET OUTIL**  
[72] ASBERG, BENGT, SE  
[71] SANDVIK AB, SE  
[85] 2000-01-31  
[86] 1998-07-28 (PCT/SE98/01418)  
[87] 1999-02-18 (WO99/07977)  
[30] SE (9702898-9) 1997-08-08

[21] **2,298,657**  
[13] A1

[51] **Int.Cl. 7A61F 9/007**  
[25] EN  
[54] **OPHTHALMIC ENDOSCOPE AND ENDOSCOPE ATTACHMENTS FOR USE THEREWITH**  
[54] **ENDOSCOPE OPHTALMIQUE ET ATTACHES A UTILISER CONJOINTEMENT AVEC CE DERNIER**  
[72] BEN NUN, YEHOSHUA, IL  
[71] ONE WAY OCULAR TECHNOLOGY LTD., IL  
[85] 2000-01-31  
[86] 1998-07-31 (PCT/IL98/00362)  
[87] 1999-02-11 (WO99/05997)  
[30] IL (121450) 1997-08-01

[21] **2,298,658**  
[13] A1

[51] **Int.Cl. 7B22D 41/50**  
[25] EN  
[54] **POURING SPOUT FOR A CONTINUOUS-CASTING MOLD**  
[54] **BEC DE COULEE POUR UN MOULE DE COULEE CONTINUE**  
[72] CAILLAUD, FREDERIC, FR  
[72] HANSE, ERIC, BE  
[72] RICHARD, JOHAN, FR  
[71] VESUVIUS FRANCE S.A., FR  
[85] 2000-01-31  
[86] 1998-07-18 (PCT/EP98/04469)  
[87] 1999-02-18 (WO99/07501)  
[30] FR (97/10188) 1997-08-06

[21] **2,298,659**  
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61K 9/20**  
[25] EN  
[54] **FAST-ACTING ANALGESIC**  
[54] **ANTALGIQUE D'ACTION RAPIDE**  
[72] VOLLGRAF, CHRISTIANE, DE  
[72] BREITENBACH, JORG, DE  
[72] BERNDL, GUNTHER, DE  
[72] ROSENBERG, JORG, DE  
[72] LIEPOLD, BERND, DE  
[72] ZEIDLER, JURGEN, DE  
[72] NEUMANN, JORG, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-01-31  
[86] 1998-07-21 (PCT/EP98/04552)  
[87] 1999-02-11 (WO99/06038)  
[30] DE (19733505.5) 1997-08-01

[21] **2,298,663**  
[13] A1

[51] **Int.Cl. 7D21H 21/22 7A61K 7/50**  
[25] EN  
[54] **PROCESS FOR PRODUCING MULTI-LAYERED TISSUE PAPER PRODUCTS**  
[54] **PROCEDE DE PRODUCTION D'ARTICLES EN PAPIER DE SOIE MULTICOUCHES**  
[72] HILBIG, KLAUS, DE  
[72] DANNEELS, ALLISON, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-01-27  
[86] 1998-07-17 (PCT/IB98/01092)  
[87] 1999-02-11 (WO99/06634)  
[30] DE (197 32 735.4) 1997-07-30

[21] **2,298,664**  
[13] A1

[51] **Int.Cl. 7C07C 229/22 7C07C 227/32**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF L-CARNITINE**  
[54] **PROCEDE DE PREPARATION DE L-CARNITINE**  
[72] BYUN, IL SUK, KR  
[72] BONG, CHAN AH, KR  
[72] KIM, KYUNG IL, KR  
[71] SAMSUNG FINE CHEMICALS CO., LTD., KR  
[85] 2000-01-27  
[86] 1998-06-17 (PCT/KR98/00165)  
[87] 1999-02-04 (WO99/05092)  
[30] KR (97-35473) 1997-07-28  
[30] KR (97-57813) 1997-11-03

[21] **2,298,665**  
[13] A1

[51] **Int.Cl. 7D21C 9/06**  
[25] EN  
[54] **TWO STAGE COUNTER CURRENT DRUM WASHER**  
[54] **TAMBOUR LAVEUR A CONTRE-COURANT A DEUX ETAGES**  
[72] GALLAGHER, BRIAN JAMES, US  
[71] BELOIT TECHNOLOGIES, INC., US  
[85] 2000-01-27  
[86] 1999-05-11 (PCT/US99/10239)  
[87] 1999-12-09 (WO99/63150)  
[30] US (09/089,339) 1998-06-03

[21] **2,298,666**  
[13] A1

[51] **Int.Cl. 7A61N 1/05**  
[25] EN  
[54] **CARDIAC PACEMAKER CABLE LEAD**  
[54] **CABLE DE DERIVATION POUR STIMULATEUR CARDIAQUE**  
[72] SPEHR, PAUL R., US  
[71] INTERMEDICS INC., US  
[85] 2000-01-27  
[86] 1998-07-21 (PCT/US98/15361)  
[87] 1999-02-11 (WO99/06103)  
[30] US (08/903,363) 1997-07-30

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,298,667</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 1/05</b> [25] EN [54] <b>SMALL CABLE ENDOCARDIAL LEAD WITH EXPOSED GUIDE TUBE</b> [54] <b>CONDUCTEUR ENDOCARDIAQUE A PETIT CABLE ET A TUBE GUIDE EXPOSE</b> [72] SPEHR, PAUL R., US [72] MACHEK, JAMES E., US [71] INTERMEDICS INC., US [85] 2000-01-27 [86] 1998-07-21 (PCT/US98/15250) [87] 1999-02-11 (WO99/06102) [30] US (08/902,691) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,298,670</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F41H 1/02 7F41H 5/08</b> [25] EN [54] <b>PROJECTILE RESISTANT STRUCTURE</b> [54] <b>STRUCTURE RESISTANTE AUX PROJECTILES</b> [72] LINDSTROM, ALBERT K., US [72] CUMMER, JOHN L., CA [71] LINDSTROM, ALBERT K., US [71] CUMMER, JOHN L., CA [85] 2000-01-31 [86] 1998-07-30 (PCT/US98/15743) [87] 1999-02-11 (WO99/06785) [30] US (60/054,379) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,673</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E06B 3/66</b> [25] EN [54] <b>GLASS PANEL AND METHOD OF FORMING THE SAME</b> [54] <b>PANNEAU DE VERRE ET SON PROCEDE DE FABRICATION</b> [72] TONOIKE, MASAKIYO, JP [72] MORIMOTO, NAOKI, JP [71] NIPPON SHEET GLASS CO., LTD., JP [85] 2000-01-31 [86] 1999-07-09 (PCT/JP99/03756) [87] 2000-01-27 (WO00/04268) [30] JP (10-198686) 1998-07-14</p>
<p style="text-align: right;">[21] <b>2,298,668</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/40</b> [25] EN [54] <b>CASPASES AND APOPTOSIS</b> [54] <b>CASPASES ET APOPTOSE</b> [72] LEE, DENNIS, US [72] LONG, SCOTT ALLEN, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2000-01-27 [86] 1998-07-30 (PCT/US98/15909) [87] 1999-02-11 (WO99/06042) [30] US (60/054,249) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,298,671</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60R 21/20</b> [25] EN [54] <b>SKIN FOR AUTOMOTIVE AIR BAG COVER PANEL FORMED BY CASTING DIFFERENT PLASTIC MATERIALS</b> [54] <b>PEAU DE CACHE D'AIRBAG D'AUTOMOBILE REALISEE PAR MOULAGE DE DIFFERENTS MATERIAUX PLASTIQUES</b> [72] RHODES, RICHARD D., JR., US [72] RHEINLANDER, FRED, US [71] TEXTRON AUTOMOTIVE COMPANY INC., US [85] 2000-01-31 [86] 1998-06-19 (PCT/US98/12842) [87] 1999-02-25 (WO99/08904) [30] US (911,527) 1997-08-14</p>	<p style="text-align: right;">[21] <b>2,298,674</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 5/315</b> [25] EN [54] <b>A DOSE SETTING DEVICE FOR MEDICAL INJECTORS</b> [54] <b>DISPOSITIF DE REGLAGE DE LA DOSE DESTINE A DES INJECTEURS MEDICAUX</b> [72] MARSHALL, JEREMY, GB [72] JANSEN, PAUL EDWARD, US [71] OWEN MUMFORD LIMITED, GB [71] ELI LILLY AND COMPANY, US [85] 2000-01-31 [86] 1999-06-11 (PCT/GB99/01861) [87] 1999-12-16 (WO99/64092) [30] GB (9812472.0) 1998-06-11</p>
<p style="text-align: right;">[21] <b>2,298,669</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 1/83</b> [25] EN [54] <b>ALL PURPOSE LIQUID CLEANING COMPOSITIONS</b> [54] <b>COMPOSITIONS DE NETTOYAGE LIQUIDES A USAGES MULTIPLES</b> [72] MERTENS, BAUDOUIN, BE [71] COLGATE-PALMOLIVE COMPANY, US [85] 2000-01-27 [86] 1998-07-29 (PCT/US98/15881) [87] 1999-02-11 (WO99/06507) [30] US (08/904,805) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,298,672</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B26D 7/26 7B26F 1/44</b> [25] EN [54] <b>SYSTEM FOR FIXING ROTARY CUTTING DIES IN MACHINES FOR DIE CUTTING LAMINAR MATERIAL</b> [54] <b>SYSTEME DE FIXATION DE MATRICES ROTATIVES DANS DES DECOUPEUSES DE MATERIAU STRATIFIE</b> [72] SERRA OBIOL, RAMON, ES [71] COMERCIAL INDUSTRIAL MAQUINARIA CARTON ONDULADO, S.A. (CIMCOSA), ES [85] 2000-01-31 [86] 1999-05-28 (PCT/ES99/00157) [87] 1999-12-09 (WO99/62778) [30] ES (P 9801136) 1998-06-01</p>	<p style="text-align: right;">[21] <b>2,298,675</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 11/06 7H04Q 11/04</b> [25] EN [54] <b>A GENERAL SWITCH IN WHICH DATA IS PROVIDED TO BOTH A WORD ORIENTED SWITCH AND A BIT ORIENTED SWITCH</b> [54] <b>COMMUTATEUR GENERAL ET PROCEDE DE COMMUTATION</b> [72] HANSSON, ULF PETER, SE [72] LINDBERG, MIKAEL, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-01-31 [86] 1998-08-10 (PCT/SE98/01450) [87] 1999-03-11 (WO99/12384) [30] SE (9703105-8) 1997-08-28 [30] SE (9704278-2) 1997-11-21</p>

## PCT Applications Entering the National Phase

[21] **2,298,676**  
[13] A1

[51] **Int.Cl. 7H04Q 11/06 7H04Q 11/04**  
[25] EN  
[54] **A MODULAR TIME-SPACE SWITCH**  
[54] **COMMUTATEUR SPATIAL-TEMPOREL MODULAIRE**  
[72] LINDBERG, MIKAEL, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-01-31  
[86] 1998-08-10 (PCT/SE98/01449)  
[87] 1999-03-11 (WO99/12383)  
[30] SE (9703105-8) 1997-08-28

[21] **2,298,677**  
[13] A1

[51] **Int.Cl. 7C07D 307/86 7C07D 317/64 7C07C 49/755**  
[25] EN  
[54] **PHARMACEUTICAL COMPOUNDS ISOLATED FROM ARISTOLOCHIA TALISCANA**  
[54] **COMPOSES PHARMACEUTIQUES ISOLES A PARTIR DE L'ARISTOLOCHIA TALISCANA**  
[72] ACHENBACH, HANS, DE  
[71] PROTEOME SCIENCES PLC, GB  
[85] 2000-01-31  
[86] 1998-07-31 (PCT/GB98/02317)  
[87] 1999-02-11 (WO99/06388)  
[30] GB (9716244.0) 1997-07-31

[21] **2,298,678**  
[13] A1

[51] **Int.Cl. 7H01B 19/00**  
[25] EN  
[54] **VENTILATION VALVE**  
[54] **SOUPAPE DE VENTILATION**  
[72] LEICHT, ALFONS, DE  
[72] JEUTHNER, HERMANN, DE  
[72] WELZ, JOHANN GEORG, DE  
[71] HAEFELY TRENCH MWB GMBH, DE  
[85] 2000-01-31  
[86] 1998-07-29 (PCT/DE98/02210)  
[87] 1999-02-18 (WO99/08291)  
[30] DE (297 14 181.3) 1997-08-08

[21] **2,298,679**  
[13] A1

[51] **Int.Cl. 7A61K 35/74 7C12N 1/20 7A23L 1/30 7A61K 35/78**  
[25] EN  
[54] **ISOFLAVONE-CONTAINING COMPOSITIONS**  
[54] **COMPOSITIONS CONTENANT DE L'ISOFLAVONE**  
[72] UENO, TOMOMI, JP  
[72] UCHIYAMA, SHIGETO, JP  
[72] IMAIZUMI, KIYOKO, JP  
[72] KUMEMURA, MEGUMI, JP  
[72] SHIMIZU, SEIICHI, JP  
[72] MASAKI, KYOSUKE, JP  
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP  
[85] 2000-01-31  
[86] 1998-08-04 (PCT/JP98/03460)  
[87] 1999-02-18 (WO99/07392)  
[30] JP (9/214604) 1997-08-08

[21] **2,298,680**  
[13] A1

[51] **Int.Cl. 7A61B 17/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TREATING SUBCUTANEOUS HISTOLOGICAL FEATURES**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'ASPECTS HISTOLOGIQUES SOUS-CUTANES**  
[72] SPERTELL, ROBERT BRUCE, US  
[71] MICROWAVE MEDICAL CORP., US  
[85] 2000-01-31  
[86] 1998-07-20 (PCT/US98/14737)  
[87] 1999-02-11 (WO99/05978)  
[30] US (904,175) 1997-07-31

[21] **2,298,681**  
[13] A1

[51] **Int.Cl. 7G01N 33/53 7C07H 19/00 7A01N 43/04 7G01N 33/48**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR OVERCOMING RESISTANCE TO BIOLOGIC AND CHEMOTHERAPY**  
[54] **METHODES ET COMPOSITIONS POUR SURMONTER LA RESISTANCE A UNE THERAPIE BIOLOGIQUE ET A UNE CHIMIOETHERAPIE**  
[72] SHEPARD, H. MICHAEL, US  
[71] NEWBIOTICS, INC., US  
[85] 2000-01-31  
[86] 1998-08-07 (PCT/US98/16607)  
[87] 1999-02-18 (WO99/08110)  
[30] US (60/055,525) 1997-08-08

[21] **2,298,682**  
[13] A1

[51] **Int.Cl. 7C07C 323/60 7A61K 31/195**  
[25] EN  
[54] **MERCAPTOACYLAMINO ACIDS AS METALLO-BETA-LACTAMASE INHIBITORS**  
[54] **ACIDES MERCAPTO-ACYLAMINES UTILISES COMME INHIBITEURS DES METALLO-BETA LACTAMASES**  
[72] BEST, DESMOND JOHN, GB  
[72] BATESON, JOHN HARGREAVES, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2000-01-28  
[86] 1998-07-21 (PCT/EP98/04974)  
[87] 1999-02-11 (WO99/06365)  
[30] GB (9716224.2) 1997-07-31  
[30] GB (9716221.8) 1997-07-31

[21] **2,298,683**  
[13] A1

[51] **Int.Cl. 7D21H 17/14 7D21H 21/24**  
[25] EN  
[54] **PAPER BULKING AGENTS**  
[54] **AGENTS GONFLANTS POUR PAPIER**  
[72] TAKAHASHI, HIROMICHI, JP  
[72] NISHIMORI, TOSHIYUKI, JP  
[72] IKENAGA, TAKAYUKI, JP  
[72] ISHIBASHI, YOICHI, JP  
[72] MORI, ATSUSHITO, JP  
[72] ISHII, YASUO, JP  
[72] TADOKORO, TAKAAKI, JP  
[72] IKEDA, YASUSHI, JP  
[71] KAO CORPORATION, JP  
[85] 2000-02-01  
[86] 1999-06-02 (PCT/JP99/02947)  
[87] 1999-12-09 (WO99/63156)  
[30] JP (10-152814) 1998-06-02

[21] **2,298,684**  
[13] A1

[51] **Int.Cl. 7H05K 3/38**  
[25] EN  
[54] **COPPER COATINGS TO IMPROVE PEEL STRENGTH**  
[54] **COUCHE INTERMEDIAIRE POUR AMELIORER LA RESISTANCE AU PELAGE DE FEUILLES DE CUIVRE**  
[72] HOLMAN, ERIC L., US  
[71] ALLIEDSIGNAL INC., US  
[85] 2000-02-01  
[86] 1999-04-29 (PCT/US99/09551)  
[87] 1999-11-11 (WO99/57949)  
[30] US (09/071,244) 1998-05-01

## Demandes PCT entrant en phase nationale

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[21] **2,298,685**  
[13] A1

[51] **Int.Cl. 7H03M 5/14 7G11B 20/14**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MODULATION/DEMODULATION WITH CONSECUTIVE MINIMUM RUNLENGTH LIMITATION**  
[54] **APPAREIL ET PROCEDE DE MODULATION/DEMODULATION AVEC LIMITATION DE LONGUEUR DE PLAGES MINIMALE CONSECUTIVE**

[72] KAHLMAN, JOSEPH A.H.M., NL  
[72] NAKAGAWA, T., NL  
[72] VAN DEN ENDEN, GIJSBERT J., NL  
[72] NAKAMURA, K., NL  
[72] SCHOUHAMER IMMINK, KORNELIS A., NL  
[72] NAOHARA, T., NL  
[72] SHINPUKU, Y., NL  
[71] SONY CORPORATION, JP  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL

[85] 2000-01-28  
[86] 1999-05-25 (PCT/IB99/00948)  
[87] 1999-12-09 (WO99/63671)  
[30] JP (10/105280) 1998-05-29

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[21] **2,298,686**  
[13] A1

[51] **Int.Cl. 7B25B 21/00**  
[25] EN  
[54] **PNEUMATIC TOOL WITH INCREASED POWER CAPABILITY**  
[54] **OUTIL PNEUMATIQUE A CAPACITE DE PUISSANCE ACCRUE**

[72] BEER, JOSHUA M., US  
[72] BREHM, JAMES R., US  
[72] PUSATERI, DANIEL S., US  
[71] SNAP-ON TOOLS COMPANY, US

[85] 2000-02-01  
[86] 1999-07-01 (PCT/US99/14928)  
[87] 2000-02-03 (WO00/05036)  
[30] US (09/119,683) 1998-07-21

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[21] **2,298,687**  
[13] A1

[51] **Int.Cl. 7H04N 7/26**  
[25] EN  
[54] **SIGNAL CODING AND DECODING**  
[54] **CODAGE ET DECODAGE DE SIGNAUX**

[72] MONRO, DONALD MARTIN, GB  
[71] M-WAVE LIMITED, GB

[85] 2000-01-31  
[86] 1998-04-29 (PCT/GB98/01246)  
[87] 1999-02-18 (WO99/08449)  
[30] GB (9716579.9) 1997-08-05

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[21] **2,298,688**  
[13] A1

[51] **Int.Cl. 7H04B 1/69 7H04B 15/00 7H04B 7/216**  
[25] EN  
[54] **DEVICE AND METHOD FOR MEASURING NON-ORTHOGONAL NOISE POWER FOR CDMA COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET PROCEDE DE MESURE DE LA PUISSANCE DU BRUIT NON ORTHOGONAL POUR SYSTEME DE COMMUNICATION AMDC**

[72] MOON, HI CHAN, KR  
[72] KIM, JONG HAN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2000-02-01  
[86] 1999-06-14 (PCT/KR99/00293)  
[87] 1999-12-23 (WO99/66643)  
[30] KR (1998/22215) 1998-06-13

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[21] **2,298,689**  
[13] A1

[51] **Int.Cl. 7F04C 18/16**  
[25] EN  
[54] **SCREW COMPRESSOR WITH ADJUSTABLE FULL-LOAD CAPACITY**  
[54] **COMPRESSEUR A VIS A PLEINE CHARGE AJUSTABLE**

[72] KISHI, TAKAYUKI, JP  
[72] NISHIO, TOSHIO, JP  
[71] MAYEKAWA MFG., LTD., JP

[85] 2000-01-31  
[86] 1998-06-01 (PCT/JP98/02417)  
[87] 1999-12-09 (WO99/63229)

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[21] **2,298,690**  
[13] A1

[51] **Int.Cl. 7H04B 7/26 7H04J 13/02**  
[25] EN  
[54] **METHOD FOR GENERATING QUASI-ORTHOGONAL CODE AND SPREADER USING THE SAME IN MOBILE COMMUNICATION SYSTEM**  
[54] **PROCEDE DE GENERATION DE CODE QUASI-ORTHOGONAL ET ETALEUR UTILISANT CE PROCEDE DANS UN SYSTEME DE COMMUNICATIONS MOBILE**

[72] CHUNG, HA BONG, KR  
[72] NO, JONG SEON, KR  
[72] KIM, YOUNG KY, KR  
[72] YANG, KYEONG CHEOL, KR  
[72] KIM, JAE YOEL, KR  
[72] AHN, JAE MIN, KR  
[72] KANG, HEE WON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR

[85] 2000-02-01  
[86] 1998-09-09 (PCT/KR98/00274)  
[87] 1999-03-18 (WO99/13599)  
[30] KR (1997/46402) 1997-09-09

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[21] **2,298,691**  
[13] A1

[51] **Int.Cl. 7B23D 31/00**  
[25] EN  
[54] **DEVICE FOR SEPARATING THE ROD AND CAP OF A CONNECTING ROD BY BREAKING**  
[54] **DISPOSITIF POUR LA SEPARATION PAR RUPTURE DE LA BARRE ET DU CHAPEAU D'UNE BIELLE**

[72] HÄHNEL, MICHAEL, DE  
[72] WISNIEWSKI, HORST, DE  
[71] ALFING KESSLER SONDERMASCHINEN GMBH, DE

[85] 2000-01-28  
[86] 1998-07-16 (PCT/EP98/04433)  
[87] 1999-02-11 (WO99/06169)  
[30] DE (197 33 433.4) 1997-08-01

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## PCT Applications Entering the National Phase

<p>[21] <b>2,298,692</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05B 19/418</b> [25] EN [54] <b>SYSTEMS AND METHODS FOR ACCESSING DATA USING A CYCLIC PUBLISH/SUBSCRIBE SCHEME WITH REPORT BY EXCEPTION</b> [54] <b>SYSTEMES ET PROCEDES PERMETTANT D'ACCEDER A DES DONNEES PAR LOGIQUE CYCLIQUE KIOSQUE/ABONNE AVEC COMPTE-RENDU DES EXCEPTIONS</b> [72] MCLAUGHLIN, PAUL F., US [72] FELIX, JOSEPH P., US [72] KANJI, MUSLIM G., US [72] GORMAN, KEN, US [72] STEINMAN, JETHRO F., US [71] HONEYWELL INC., US [85] 2000-02-01 [86] 1998-08-17 (PCT/US98/16999) [87] 1999-03-04 (WO99/10788) [30] US (08/920,265) 1997-08-22</p>	<p>[21] <b>2,298,694</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B24D 11/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR KNURLING A WORKPIECE, METHOD OF MOLDING AN ARTICLE WITH SUCH WORKPIECE, AND SUCH MOLDED ARTICLE</b> [54] <b>PROCEDE ET APPAREIL DE MOLETAGE D'UNE PIECE, PROCEDE DE MOULAGE D'UN ARTICLE A L'AIDE DE LADITE PIECE ET ARTICLE MOULE AINSI OBTENU</b> [72] HOOPMAN, TIMOTHY L., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-02-01 [86] 1998-01-09 (PCT/US98/00609) [87] 1999-03-11 (WO99/11434) [30] US (08/923,862) 1997-09-03</p>	<p>[21] <b>2,298,697</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 16/50 7H01J 37/32</b> [25] EN [54] <b>JET PLASMA PROCESS AND APPARATUS FOR DEPOSITION OF COATINGS AND COATINGS THUS OBTAINED</b> [54] <b>PROCEDE ET APPAREIL A JET DE PLASMA POUR DEPOSER DES REVETEMENTS, ET REVETEMENTS RESULTANTS</b> [72] GATES, BRIAN J., US [72] KIRK, SETH M., US [72] ESSWEIN, WILLIAM H., US [72] KOHLER, GUNTER A., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-02-01 [86] 1998-08-26 (PCT/US98/17721) [87] 1999-03-04 (WO99/10560) [30] US (08/920419) 1997-08-29</p>
<p>[21] <b>2,298,693</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01B 9/02</b> [25] EN [54] <b>SELF-CALIBRATING OPTICAL FIBER PRESSURE, STRAIN AND TEMPERATURE SENSORS</b> [54] <b>CAPTEUR DE TEMPERATURE, CAPTEUR EXTENSOMETRIQUE ET CAPTEUR DE PRESSION A FIBRES OPTIQUES ET A ETALONNAGE AUTOMATIQUE</b> [72] WANG, ANBO, US [71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US [85] 2000-01-31 [86] 1998-07-29 (PCT/US98/15600) [87] 1999-02-11 (WO99/06795) [30] US (904,315) 1997-07-31</p>	<p>[21] <b>2,298,695</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01L 23/495 7H01L 23/31</b> [25] EN [54] <b>PLASTIC INTEGRATED CIRCUIT PACKAGE AND METHOD AND LEADFRAME FOR MAKING THE PACKAGE</b> [54] <b>BOITIER DE MICROCIRCUIT EN PLASTIQUE, PROCEDE ET RESEAU DE CONDUCTEURS UTILISES POUR REALISER LE BOITIER</b> [72] GLENN, THOMAS P., US [71] AMKOR TECHNOLOGY, INC., US [85] 2000-02-01 [86] 1999-06-14 (PCT/US99/13364) [87] 1999-12-29 (WO99/67821) [30] US (09/103,760) 1998-06-24</p>	<p>[21] <b>2,298,698</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23D 31/00</b> [25] EN [54] <b>APPARATUS FOR CRACK SPLITTING AN ANNULAR PART</b> [54] <b>DISPOSITIF DE SEPARATION PAR RUPTURE D'UNE PIECE ANNULAIRE</b> [72] HÄHNEL, MICHAEL, DE [72] WISNIEWSKI, HORST, DE [71] ALFING KESSLER SONDERMASCHINEN GMBH, DE [85] 2000-01-31 [86] 1998-07-30 (PCT/EP98/04766) [87] 1999-02-11 (WO99/06170) [30] DE (197 33 387.7) 1997-08-01</p>
<p>[21] <b>2,298,696</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H05B 3/20</b> [25] EN [54] <b>ELECTRICAL PTC HEATING DEVICE</b> [54] <b>DISPOSITIF DE CHAUFFAGE ELECTRIQUE A COEFFICIENT DE TEMPERATURE POSITIF</b> [72] GALPERIN, YULY, IL [72] GOLAN, GAB, IL [71] A.T.C.T. - ADVANCED THERMAL CHIP TECHNOLOGIES LTD., IL [85] 2000-01-31 [86] 1998-07-30 (PCT/IL98/00355) [87] 1999-02-11 (WO99/07184) [30] IL (121448) 1997-08-01</p>	<p>[21] <b>2,298,699</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61H 3/02 7A45B 9/04</b> [25] EN [54] <b>WALKING CRUTCH, STICK OR THE LIKE</b> [54] <b>ELEMENT D'APPUI POUR LA MARCHE, CANNE OU ELEMENT ANALOGUE</b> [72] ZENGERER, JOHANNES, AT [71] ZENGERER, JOHANNES, AT [85] 2000-02-01 [86] 1998-08-05 (PCT/AT98/00183) [87] 1999-02-18 (WO99/07322) [30] AT (A 1331/97) 1997-08-07</p>	

## Demandes PCT entrant en phase nationale

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[21] **2,298,700**  
[13] A1

[51] **Int.Cl. 7B65D 41/34**  
[25] EN  
[54] **TAMPER EVIDENT BOTTLE CAP  
[54] CAPUCHON DE BOUTEILLE  
INVOLABLE**  
[72] MA, XIAOLI, US  
[71] PORTOLA PACKAGING, INC., US  
[85] 2000-01-31  
[86] 1998-07-23 (PCT/US98/15527)  
[87] 1999-02-11 (WO99/06295)  
[30] US (08/904,878) 1997-08-01

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[21] **2,298,701**  
[13] A1

[51] **Int.Cl. 7C07D 209/16 7A01N 43/38  
7A61K 31/40 7A61K 31/405**  
[25] EN  
[54] **2-ACYLAMINOPROPANAMINES  
AS TACHYKININ RECEPTOR  
ANTAGONISTS**  
[54] **2-ACYLAMINOPROPANAMINES  
UTILES EN TANT QU'ANTAGONISTES  
DU RECEPTEUR DE TACHYKININE**  
[72] LOBB, KAREN LYNN, US  
[72] NIXON, JAMES ARTHUR, US  
[72] FRITZ, JAMES ERWIN, US  
[72] KALDOR, STEPHEN WARREN, US  
[72] HIPSKIND, PHILIP ARTHUR, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-02-01  
[86] 1998-08-06 (PCT/US98/16333)  
[87] 1999-02-18 (WO99/07677)  
[30] US (60/054,997) 1997-08-06

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[21] **2,298,702**  
[13] A1

[51] **Int.Cl. 7C07D 215/16 7C07D 405/00  
7C07D 209/02 7C07D 263/04 7A61K 31/40  
7A61K 31/42 7A61K 31/425 7A61K 31/44  
7A61K 31/47 7C07D 209/56 7C07D 277/62**  
[25] EN  
[54] **2-ACYLAMINOPROPANAMINES  
AS TACHYKININ RECEPTOR  
ANTAGONISTS**  
[54] **2-ACYLAMINOPROPANAMINES  
COMME ANTAGONISTES DE  
RECEPTEUR DE TACHYKININE**  
[72] FRITZ, JAMES ERWIN, US  
[72] HIPSKIND, PHILIP ARTHUR, US  
[72] KALDOR, STEPHEN WARREN, US  
[72] NIXON, JAMES ARTHUR, US  
[72] LOBB, KAREN LYNN, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-02-01  
[86] 1998-08-06 (PCT/US98/16313)  
[87] 1999-02-18 (WO99/07681)  
[30] US (60/055,105) 1997-08-06

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[21] **2,298,703**  
[13] A1

[51] **Int.Cl. 7C08G 77/455 7A61K 7/32  
7A61K 7/48**  
[25] EN  
[54] **COSMETIC COMPOSITION  
CONTAINING SILOXANE-BASED  
POLYAMIDES AS THICKENING  
AGENTS**  
[54] **COMPOSITION COSMETIQUE  
CONTENANT DES POLYAMIDES A  
BASE DE SILOXANE UTILISES  
COMME AGENTS EPAISSISSANTS**  
[72] BARR, MORTON L., US  
[72] PETROFF, LENIN JAMES, US  
[72] SCHAMPER, THOMAS, US  
[72] MOGHE, BHALCHANDRA, US  
[72] ZIMMERMAN, KENNETH EDWARD,  
US  
[72] SKINNER, MICHAEL WARD, US  
[72] FREUNDLICH, JOEL, US  
[72] ESPOSITO, ANTHONY, US  
[72] KING, DOUGLAS W., US  
[72] COLWELL, DENNIS J., US  
[72] MENDOLIA, MICHAEL, US  
[72] CAI, HENG, US  
[72] VINCENTI, PAUL JOSEPH, US  
[72] WU, CHING-MIN KIMMY, US  
[71] COLGATE-PALMOLIVE COMPANY,  
US  
[71] DOW CORNING CORPORATION, US  
[85] 2000-01-31  
[86] 1998-07-30 (PCT/US98/15846)  
[87] 1999-02-11 (WO99/06473)  
[30] US (08/904,709) 1997-08-01

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[21] **2,298,704**  
[13] A1

[51] **Int.Cl. 7C07D 473/00 7C07H 19/16  
7C07H 19/167 7C07H 19/173 7C07D 473/  
18 7C07D 473/32 7A61K 31/52 7A61K 31/  
70**  
[25] EN  
[54] **NUCLEOSIDES ANALOGUES,  
SUCH AS ANTIVIRALS INCLUDING  
INHIBITORS OF RETROVIRAL  
REVERSE TRANSCRIPTASE AND THE  
DNA POLYMERASE OF HEPATITIS B  
VIRUS (HBV)**  
[54] **ANALOGUES DE NUCLEOSIDES  
TELS QUE DES ANTIVIRAUX Y  
COMPRIS DES INHIBITEURS DE  
TRANSCRIPTASE INVERSE  
RETROVIRALE ET L'ADN  
POLYMERASE DU VIRUS DE  
L'HEPATITE B(HBV)**  
[72] JOHANSSON, NILS-GUNNAR, SE  
[72] WÄHLING, HORST, SE  
[72] ZHOU, XIAO-XIONG, SE  
[71] MEDIVIR AB, SE  
[85] 2000-02-01  
[86] 1998-08-14 (PCT/SE98/01467)  
[87] 1999-02-25 (WO99/09031)  
[30] SE (9702957-3) 1997-08-15  
[30] SE (9704147-9) 1997-11-12  
[30] SE (9800452-6) 1998-02-13

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[21] **2,298,705**  
[13] A1

[51] **Int.Cl. 7F42C 19/06 7H01H 35/14**  
[25] EN  
[54] **ACCELERATION/  
DECELERATION SENSING SWITCH  
FOR MUNITIONS**  
[54] **COMMUTATEUR DE DETECTION  
D'ACCELERATION/DECELERATION  
POUR MUNITIONS**  
[72] TESKE, LARRY A., US  
[72] OLSON, KEVIN J., US  
[72] ERDMANN, DAVID P., US  
[72] JOHNSON, MICHAEL A., US  
[71] ALLIANT TECHSYSTEMS INC., US  
[85] 2000-01-31  
[86] 1998-07-27 (PCT/US98/15546)  
[87] 1999-02-11 (WO99/06787)  
[30] US (08/905,173) 1997-08-01

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## PCT Applications Entering the National Phase

[21] <b>2,298,706</b> [13] A1 [51] <b>Int.Cl. 7B25B 23/00</b> [25] EN [54] <b>TOOL SYSTEM THAT CAN BE COUPLED TO A LATHE DRIVE SHAFT</b> [54] <b>SYSTEME D'OUTIL ACCOUPlable A L'ARBRE D'ENTRAINEMENT D'UN TOUR</b> [72] ZIERPKA, EVA-MARIA, DE [71] ZIERPKA, EVA-MARIA, DE [85] 2000-02-01 [86] 1998-05-06 (PCT/DE98/01265) [87] 1998-11-19 (WO98/51450) [30] DE (297 08 384.8) 1997-05-10	[21] <b>2,298,709</b> [13] A1 [51] <b>Int.Cl. 7H04B 7/26</b> [25] EN [54] <b>METHOD AND RADIO STATION FOR TRANSMITTING DATA</b> [54] <b>PROCEDE ET STATION RADIO POUR LA TRANSMISSION DE DONNEES</b> [72] SCHLEE, JOHANNES, DE [72] BAHRENBURG, STEFAN, DE [72] WEBER, TOBIAS, DE [72] EUSCHER, CHRISTOPH, DE [72] BAIER, PAUL WALTER, DE [72] MAYER, JURGEN, DE [71] SIEMENS AKTIENGESSELLSCHAFT, DE [85] 2000-01-31 [86] 1998-07-20 (PCT/DE98/02029) [87] 1999-02-11 (WO99/07085) [30] DE (197 33 336.2) 1997-08-01	[21] <b>2,298,711</b> [13] A1 [51] <b>Int.Cl. 7H04B 1/00</b> [25] EN [54] <b>DEVICE AND METHOD FOR CONTROLLING OUTPUT POWER OF MOBILE COMMUNICATION TERMINAL</b> [54] <b>PROCEDE ET DISPOSITIF POUR REGULER LA PUISSANCE DE SORTIE D'UN TERMINAL DE COMMUNICATION MOBILE</b> [72] LEE, WOO-YONG, KR [72] KWON, SUNG-TAEK, KR [72] CHO, SEUNG-KI, KR [72] LEE, JAE-MIN, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-01-31 [86] 1999-06-23 (PCT/KR99/00332) [87] 1999-12-29 (WO99/67888) [30] KR (23776/1998) 1998-06-23
[21] <b>2,298,707</b> [13] A1 [51] <b>Int.Cl. 7A62B 18/08</b> [25] EN [54] <b>FILTERING FACE MASK HAVING ONE OR TWO STRAPS</b> [54] <b>MASQUE FACIAL FILTRANT A UNE OU DEUX SANGLES</b> [72] BEDDOES, HOWARD G., US [72] DALY, KEVIN M., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-01-31 [86] 1997-12-15 (PCT/US97/22707) [87] 1999-02-11 (WO99/06116) [30] US (08/905687) 1997-08-04	[21] <b>2,298,710</b> [13] A1 [51] <b>Int.Cl. 7F42B 3/12 7F42B 3/18</b> [25] EN [54] <b>IGNITION UNIT FOR A PASSENGER PROTECTION DEVICE OF A MOTOR VEHICLE</b> [54] <b>UNITE D'AMORCAGE POUR UN DISPOSITIF DE PROTECTION DES OCCUPANTS D'UN VEHICULE A MOTEUR</b> [72] LUBBERS, WILLI, DE [71] NICO-PYROTECHNIK HANNS-JURGEN DIEDERICHS GMBH & CO. KG, DE [85] 2000-01-31 [86] 1998-07-14 (PCT/DE98/01968) [87] 1999-02-11 (WO99/06786) [30] DE (197 33 353.2) 1997-08-01	[21] <b>2,298,712</b> [13] A1 [51] <b>Int.Cl. 7H04L 29/06</b> [25] EN [54] <b>A DISTRIBUTED SYSTEM AND METHOD FOR PREFETCHING OBJECTS</b> [54] <b>SYSTEME ET PROCEDE DISTRIBUES SERVANT A EFFECTUER LA PREEXTRACTION D'OBJETS</b> [72] FISH, RAM A., US [72] CARNEAL, BRUCE L., US [72] GURALNICK, JEREMY, US [71] TACHYON, INC., US [85] 2000-01-31 [86] 1998-08-05 (PCT/US98/16353) [87] 1999-02-18 (WO99/08429) [30] US (60/054,847) 1997-08-06
[21] <b>2,298,708</b> [13] A1 [51] <b>Int.Cl. 7G03B 21/48 7G03B 1/24</b> [25] EN [54] <b>SWITCHABLE FORMAT FILM PROJECTION SYSTEM</b> [54] <b>SYSTEME DE PROJECTION DE FILMS DE DIFFERENTS FORMATS</b> [72] BEHRNS, DON P., US [72] GOODHILL, DEAN K., US [71] MAXIVISION CINEMA TECHNOLOGY, US [85] 2000-02-01 [86] 1998-07-30 (PCT/US98/15902) [87] 1999-02-18 (WO99/08155) [30] US (08/907429) 1997-08-07		

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,298,713</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01B 11/04</b> [25] EN [54] <b>ELECTRICALLY OPTIMIZED HYBRID "LAST MILE" TELECOMMUNICATIONS CABLE SYSTEM</b> [54] <b>SYSTEME DE CABLE DE TELECOMMUNICATION HYBRIDE ELECTRIQUEMENT OPTIMISE POUR RACCORDEMENT TERMINAL "DERNIERS METRES"</b> [72] COTTER, MITCHELL A., US [72] TAYLOR, JOHN A., US [71] KHAM SIN TECHNOLOGIES, LLC, US [85] 2000-01-31 [86] 1998-07-29 (PCT/US98/15642) [87] 1999-02-11 (WO99/07002) [30] US (60/054,076) 1997-07-29 [30] US (60/084,200) 1998-04-30 [30] US (60/085,195) 1998-05-12</p>	<p style="text-align: right;">[21] <b>2,298,721</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09D 5/44</b> [25] EN [54] <b>CATIONIC ELECTRODEPOSITION COATING COMPOSITION</b> [54] <b>COMPOSITION DE REVETEMENT POUR ELECTRODEPOSITION CATIONIQUE</b> [72] HIRAKI, TADAYOSHI, JP [72] TOMINAGA, AKIRA, JP [72] NISHIDA, REIZIRO, JP [72] NISHIGUCHI, SHIGEO, JP [72] NAKAO, FUMIAKI, JP [71] KANSAI PAINT CO., LTD., JP [85] 2000-01-28 [86] 1998-07-28 (PCT/JP98/03346) [87] 1999-02-11 (WO99/06493) [30] JP (9/202689) 1997-07-29 [30] JP (9/249253) 1997-09-16 [30] JP (9/342343) 1997-12-12</p>	<p style="text-align: right;">[21] <b>2,298,731</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 17/00 7C11D 11/00</b> [25] EN [54] <b>DETERGENT TABLET</b> [54] <b>PASTILLE DETERGENTE</b> [72] SMITH, DAVID JOHN, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-01-28 [86] 1998-07-31 (PCT/US98/16077) [87] 1999-02-11 (WO99/06521) [30] GB (9716303.4) 1997-08-02</p>
<p style="text-align: right;">[21] <b>2,298,716</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 7/26</b> [25] EN [54] <b>METHOD AND RADIO STATION FOR DATA TRANSMISSION</b> [54] <b>PROCEDE ET STATION RADIO POUR LA TRANSMISSION DE DONNEES</b> [72] BAIER, PAUL WALTER, DE [72] SCHLEE, JOHANNES, DE [72] MAYER, JURGEN, DE [72] WEBER, TOBIAS, DE [72] EUSCHER, CHRISTOPH, DE [72] BAHRENBURG, STEFAN, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-01-28 [86] 1998-07-20 (PCT/DE98/02026) [87] 1999-02-11 (WO99/07084) [30] DE (197 33 120.3) 1997-07-31</p>	<p style="text-align: right;">[21] <b>2,298,725</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02K 21/12</b> [25] EN [54] <b>LOAD-FREE GENERATOR</b> [54] <b>GENERATEUR SANS CHARGE</b> [72] AN, JONG-SOK, KR [71] KIM, KYUNG-SOO, JP [85] 2000-01-28 [86] 1999-07-28 (PCT/JP99/04042) [87] 2000-02-10 (WO00/07284) [30] JP (10-213976) 1998-07-29 [30] JP (10-316225) 1998-11-06</p>	<p style="text-align: right;">[21] <b>2,298,733</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 15/00</b> [25] EN [54] <b>USE OF HYALURONIC ACID DERIVATIVES IN THE PREPARATION OF BIOMATERIALS WITH A PHYSICAL HAEMOSTATIC AND PLUGGING ACTIVITY AND A PREVENTIVE ACTIVITY IN THE FORMATION OF ADHESIONS FOLLOWING ANASTOMOSIS</b> [54] <b>UTILISATION DE DERIVES D'ACIDE HYALURONIQUE DANS LA PREPARATION DE BIOMATERIAUX AVEC ACTIVITE HEMOSTATIQUE PHYSIQUE ET OCCLUSIVE ET ACTIVITE PREVENTIVE DANS LE FORMATION D'ADHERENCES SUITE A UNE ANASTOMOSE</b> [72] PRESSATO, DANIELE, IT [72] RIVAROSSA, ALBERTO, IT [71] FIDIA ADVANCED BIOPOLYMERS S.R.L., IT [85] 2000-01-28 [86] 1998-07-28 (PCT/EP98/04716) [87] 1999-02-04 (WO99/04828) [30] IT (PD97A000170) 1997-07-28</p>
<p style="text-align: right;">[21] <b>2,298,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 4/12 7B05C 9/14</b> [25] EN [54] <b>HIGH FREQUENCY INDUCTION FUSING</b> [54] <b>FUSION PAR INDUCTION A HAUTE FREQUENCE</b> [72] NEMKOV, VALENTIN, US [72] ZHU, NAIPING, US [72] CHERICO, STEPHEN, US [71] FOSBEL INTERNATIONAL LIMITED, GB [85] 2000-01-28 [86] 1998-07-08 (PCT/GB98/02245) [87] 1999-02-11 (WO99/06607) [30] GB (9716032.9) 1997-07-30 [30] GB (9720489.5) 1997-09-26</p>	<p style="text-align: right;">[21] <b>2,298,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 4/12 7B05C 9/14</b> [25] EN [54] <b>HIGH FREQUENCY INDUCTION FUSING</b> [54] <b>FUSION PAR INDUCTION A HAUTE FREQUENCE</b> [72] NEMKOV, VALENTIN, US [72] ZHU, NAIPING, US [72] CHERICO, STEPHEN, US [71] FOSBEL INTERNATIONAL LIMITED, GB [85] 2000-01-28 [86] 1998-07-08 (PCT/GB98/02245) [87] 1999-02-11 (WO99/06607) [30] GB (9716032.9) 1997-07-30 [30] GB (9720489.5) 1997-09-26</p>	<p style="text-align: right;">[21] <b>2,298,734</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01L 41/08</b> [25] EN [54] <b>PIEZOELECTRIC TRANSFORMER</b> [54] <b>TRANSFORMATEUR PIEZO-ELECTRIQUE</b> [72] KUMASAKA, KATSUNORI, JP [72] YAMAGUCHI, MASAO, JP [71] TOKIN CORPORATION, JP [85] 2000-01-28 [86] 1999-05-31 (PCT/JP99/02888) [87] 1999-12-09 (WO99/63603) [30] JP (149660/1998) 1998-05-29 [30] JP (67217/1999) 1999-03-12</p>

## PCT Applications Entering the National Phase

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[21] **2,298,738**  
[13] A1

[51] **Int.Cl. 7G06K 9/00**  
[25] EN  
[54] **APPARATUS AND METHODS FOR IMAGE AND SIGNAL PROCESSING**  
[54] **DISPOSITIF ET PROCEDES DE TRAITEMENT D'IMAGES ET DE SIGNAUX**

[72] MCCARTHY, SEAN T., US  
[72] OWEN, WILLIAM G., US  
[71] UNIVERSITY OF CALIFORNIA, BERKELEY, US  
[85] 2000-01-28  
[86] 1998-07-30 (PCT/US98/15767)  
[87] 1999-02-11 (WO99/06941)  
[30] US (60/054,399) 1997-07-31

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[21] **2,298,739**  
[13] A1

[51] **Int.Cl. 7A61M 5/46**  
[25] EN  
[54] **AUTOMATED DELIVERY DEVICE AND METHOD FOR ITS OPERATION**  
[54] **DISPOSITIF D'APPORT AUTOMATIQUE ET PROCEDE DE FONCTIONNEMENT ASSOCIE**

[72] LIPPE, BARBARA, US  
[72] BOSSE, RAINER, CH  
[72] ADAM, MARKUS, CH  
[72] PAVLU, BOHDAN, SE  
[72] WESTERMARK, MAGNUS, SE  
[72] HJERTMAN, BIRGER, SE  
[72] HIMBERT, HANS, SE  
[72] HOLTE, ANDERS, SE  
[71] PHARMACIA & UPJOHN AB, SE  
[85] 2000-01-28  
[86] 1998-08-06 (PCT/SE98/01440)  
[87] 1999-02-18 (WO99/07425)  
[30] SE (9702872-4) 1997-08-06

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[21] **2,298,741**  
[13] A1

[51] **Int.Cl. 7A61J 1/00**  
[25] EN  
[54] **RUBBER PLUG FOR MEDICAL SERVICE**  
[54] **BOUCHON EN CAOUTCHOUC POUR EQUIPEMENT MEDICAL**

[72] NISHIKAWA, KAZUO, JP  
[72] OKAMOTO, TETSUYA, JP  
[71] ELI LILLY JAPAN KABUSHIKI KAISHA, JP  
[85] 2000-01-28  
[86] 1998-07-17 (PCT/JP98/03218)  
[87] 1999-02-11 (WO99/06006)  
[30] JP (9/219100) 1997-07-29

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[21] **2,298,744**  
[13] A1

[51] **Int.Cl. 7G08B 27/00 7G08B 29/18**  
[25] EN  
[54] **MULTI-STATION DANGEROUS CONDITION ALARM SYSTEM INCORPORATING ALARM AND CHIRP ORIENTATION FEATURE**  
[54] **SYSTEME D'ALARME MULTIPOSTE POUR SITUATION DE DANGER, COMPORTANT UNE FONCTION DE DETERMINATION DE L'ORIGINE ET DE LA MODULATION DE L'ALARME**

[72] O'DONNELL, THOMAS J., US  
[71] RANCO INC. OF DELAWARE, US  
[85] 2000-01-28  
[86] 1998-07-24 (PCT/US98/15397)  
[87] 1999-02-11 (WO99/06980)  
[30] US (08/902,190) 1997-07-29

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[21] **2,298,766**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/17 7C07K 16/18 7C12N 1/21 7C07K 14/47 7G01N 33/50 7C12Q 1/68**  
[25] EN  
[54] **HUMAN LONGEVITY-ASSURANCE PROTEIN HOMOLOGS**  
[54] **HOMOLOGUES PROTEIQUES D'ASSURANCE DE LONGEVITE HUMAINE**

[72] LAL, PREETI, US  
[72] SHAH, PURVI, US  
[72] HILLMAN, JENNIFER L., US  
[72] CORLEY, NEIL C., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-01-27  
[86] 1998-07-28 (PCT/US98/15591)  
[87] 1999-02-11 (WO99/06558)  
[30] US (08/902,853) 1997-07-30

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[21] **2,298,768**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10 7C12N 9/10 7C12N 15/54**  
[25] EN  
[54] **STRESS TOLERANCE AND DELAYED SENESCENCE IN PLANTS**  
[54] **RESISTANCE AU STRESS ET RETARD DU VIEILLISSEMENT DES PLANTES**

[72] MCCOURT, PETER, CA  
[72] BONETTA, DARIO, CA  
[72] CUTLER, SEAN, US  
[72] GHASSEMIAN, MAJID, CA  
[71] PERFORMANCE PLANTS, INC., CA  
[85] 2000-02-01  
[86] 1998-07-29 (PCT/US98/15664)  
[87] 1999-02-11 (WO99/06580)  
[30] US (60/054,474) 1997-08-01

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[21] **2,298,770**  
[13] A1

[51] **Int.Cl. 7C08F 283/02 7C08L 67/04 7C08L 51/08**  
[25] EN  
[54] **MODIFIED POLYLACTIDE COMPOSITIONS, WATER-RESPONSIVE, BIODEGRADABLE FILMS AND FIBERS COMPRISING POLYLACTIDE AND POLY(VINYL ALCOHOL) AND METHODS FOR MAKING THE SAME**  
[54] **COMPOSITIONS DE POLYLACTIDE MODIFIEES, FILMS ET FIBRES BIODEGRADABLES ET REAGISSANT A L'EAU COMPRENANT UN POLYLACTIDE ET UN POLY(ALCOOL) DE VINYLE, ET LEURS PROCEDES DE PREPARATION**

[72] SCHERTZ, DAVID M., US  
[72] SOERENS, DAVE A., US  
[72] WANG, JAMES H., US  
[72] RHIM, HANNONG, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-01-26  
[86] 1998-07-31 (PCT/US98/15968)  
[87] 1999-02-11 (WO99/06456)  
[30] US (08/903,864) 1997-07-31  
[30] US (08/903,862) 1997-07-31  
[30] US (08/903,866) 1997-07-31

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## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,298,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47K 10/38 7A47K 10/40</b> [25] EN [54] <b>DISPENSER FOR CORELESS ROLLS OF PRODUCTS</b> [54] <b>DISTRIBUTEUR POUR ROULEAUX DE PRODUITS A AME CREUSE</b> [72] MITCHELL, JOSEPH, US [72] GEMMELL, BRUCE MCLEAN, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2000-01-26 [86] 1998-09-04 (PCT/US98/18341) [87] 1999-03-18 (WO99/12460) [30] US (08/929,283) 1997-09-08</p>	<p style="text-align: center;">[21] <b>2,298,774</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H05B 33/26</b> [25] EN [54] <b>ELECTROLUMINESCENT LIGHT SOURCE AND METHOD OF MAKING SAME</b> [54] <b>SOURCE DE LUMIERE ELECTROLUMINESCENTE ET PROCEDE DE REALISATION CONNEXE</b> [72] POLYAN, RUBEN, RU [71] TROTTER INTERNATIONAL, US [85] 2000-01-26 [86] 1997-08-11 (PCT/US97/14890) [87] 1999-04-01 (WO99/16290) [30] US (08/902,796) 1997-07-30</p>	<p style="text-align: center;">[21] <b>2,298,777</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/535 7A61K 31/40 7A61K 31/435 7A61K 31/445 7A61K 31/47 7A61K 31/675</b> [25] EN [54] <b>USE OF NK-1 RECEPTOR ANTAGONISTS FOR TREATING MANIA</b> [54] <b>UTILISATION D'ANTAGONISTES DU RECEPTEUR NK-1 POUR LE TRAITEMENT D'UNE MANIE</b> [72] RUPNIAK, NADIA MELANIE, GB [71] MERCK SHARP &amp; DOHME LIMITED, GB [85] 2000-01-26 [86] 1998-07-31 (PCT/EP98/04934) [87] 1999-02-18 (WO99/07376) [30] GB (9716463.6) 1997-08-04 [30] WO (PCT/EP97/06685) 1997-11-25 [30] GB (9812612.1) 1998-06-11</p>
<p style="text-align: center;">[21] <b>2,298,772</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 10/00 7C08F 4/602</b> [25] EN [54] <b>PROCESS FOR THE PRODUCTION OF STEREOREGULAR POLYMERS AND ELASTOMERS OF .ALPHA.-OLEFINS AND CERTAIN NOVEL CATALYSTS THEREFOR</b> [54] <b>PROCEDE PERMETTANT DE PRODUIRE DES POLYMERES ET DES ELASTOMERES STEREOREGULIERS D'ALPHA-OLEFINES ET NOUVEAUX CATALYSEURS A UTILISER AVEC LEDIT PROCEDE</b> [72] TISH, EDITH, IL [72] AVERBUJ, CLAUDIA, IL [72] VOLKIS, VICTORIA, IL [72] EISEN, MORIS S., IL [72] SHMULINSON, MICHAL, IL [71] TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD., IL [85] 2000-01-26 [86] 1998-07-24 (PCT/IL98/00344) [87] 1999-02-04 (WO99/05186) [30] IL (121402) 1997-07-27 [30] IL (122115) 1997-11-05</p>	<p style="text-align: center;">[21] <b>2,298,775</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05D 7/10</b> [25] EN [54] <b>LOCKABLE HINGE DEVICE</b> [54] <b>CHARNIERE VERROUILLABLE</b> [72] GUILLEMETTE, CHRISTIAN, CA [71] GUILLEMETTE, CHRISTIAN, CA [85] 2000-01-26 [86] 1999-06-14 (PCT/CA99/00563) [87] 1999-12-23 (WO99/66159) [30] CA (2,237,976) 1998-06-15</p>	<p style="text-align: center;">[21] <b>2,298,778</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/26</b> [25] EN [54] <b>COMPOUND OPTICAL WAVEGUIDE AND FILTER APPLICATIONS THEREOF</b> [54] <b>GUIDE D'ONDES OPTIQUE COMPOSE ET APPLICATIONS DE FILTRE DE CE GUIDE D'ONDES</b> [72] MCCALLION, KEVIN J., US [72] WAGONER, GREGORY A., US [72] LAWRENCE, BRIAN L., US [71] MOLECULAR OPTOELECTRONICS CORPORATION, US [85] 2000-02-02 [86] 1998-01-20 (PCT/US98/01022) [87] 1998-07-23 (WO98/32040) [30] US (08/785,871) 1997-01-21</p>
<p style="text-align: center;">[21] <b>2,298,776</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 15/00</b> [25] EN [54] <b>IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD</b> [54] <b>DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES</b> [72] YAMADA, RUI, JP [72] TOTSUKA, TAKASHI, JP [72] OHKI, MITSU HARU, JP [71] SONY CORPORATION, JP [85] 2000-02-02 [86] 1999-06-02 (PCT/JP99/02951) [87] 1999-12-09 (WO99/63488) [30] JP (10/152821) 1998-06-02 [30] JP (10/152823) 1998-06-02</p>	<p style="text-align: center;">[21] <b>2,298,776</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 15/00</b> [25] EN [54] <b>IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD</b> [54] <b>DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES</b> [72] YAMADA, RUI, JP [72] TOTSUKA, TAKASHI, JP [72] OHKI, MITSU HARU, JP [71] SONY CORPORATION, JP [85] 2000-02-02 [86] 1999-06-02 (PCT/JP99/02951) [87] 1999-12-09 (WO99/63488) [30] JP (10/152821) 1998-06-02 [30] JP (10/152823) 1998-06-02</p>	<p style="text-align: center;">[21] <b>2,298,777</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/26</b> [25] EN [54] <b>COMPOUND OPTICAL WAVEGUIDE AND FILTER APPLICATIONS THEREOF</b> [54] <b>GUIDE D'ONDES OPTIQUE COMPOSE ET APPLICATIONS DE FILTRE DE CE GUIDE D'ONDES</b> [72] MCCALLION, KEVIN J., US [72] WAGONER, GREGORY A., US [72] LAWRENCE, BRIAN L., US [71] MOLECULAR OPTOELECTRONICS CORPORATION, US [85] 2000-02-02 [86] 1998-01-20 (PCT/US98/01022) [87] 1998-07-23 (WO98/32040) [30] US (08/785,871) 1997-01-21</p>

## PCT Applications Entering the National Phase

[21] **2,298,779**  
[13] A1

[51] **Int.Cl. 7A61K 31/535 7A61K 31/40 7A61K 31/435 7A61K 31/445 7A61K 31/47 7A61K 31/675**  
[25] EN  
[54] **USE OF NK-1 RECEPTOR ANTAGONISTS FOR TREATING AGGRESSIVE BEHAVIOUR DISORDERS**  
[54] **UTILISATION D'ANTAGONISTES DU RECEPTEUR NK-1 POUR LE TRAITEMENT DE TROUBLES DU COMPORTEMENT AGRESSIFS**  
[72] RUPNIAK, NADIA MELANIE, GB  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2000-01-26  
[86] 1998-07-31 (PCT/EP98/04933)  
[87] 1999-02-18 (WO99/07375)  
[30] GB (9716457.8) 1997-08-04  
[30] WO (PCT/EP97/06689) 1997-11-25  
[30] GB (9812615.4) 1998-06-11

[21] **2,298,781**  
[13] A1

[51] **Int.Cl. 7E05B 27/00**  
[25] EN  
[54] **CYLINDER LOCK**  
[54] **SERRURE A CYLINDRE**  
[72] MOTTURA, SERGIO, IT  
[71] MOTTURA SERRATURE DI SICUREZZA S.P.A., IT  
[85] 2000-01-26  
[86] 1999-05-06 (PCT/EP99/03132)  
[87] 1999-12-16 (WO99/64703)  
[30] IT (TO98A000491) 1998-06-05

[21] **2,298,784**  
[13] A1

[51] **Int.Cl. 7H02J 3/18**  
[25] EN  
[54] **METHOD FOR INJECTING REACTIVE POWER IN AN ALTERNATING CURRENT SYSTEM, AND INVERTER THEREFOR**  
[54] **PROCEDE POUR INJECTER UNE PUISSANCE REACTIVE DANS UN RESEAU A TENSION ALTERNATIVE, ET ONDULEUR POUR UN TEL PROCEDE**  
[72] STEMMLER, HERBERT, CH  
[71] ASEA BROWN BOVERI AG, CH  
[85] 2000-01-26  
[86] 1998-07-27 (PCT/CH98/00321)  
[87] 1999-02-11 (WO99/07055)  
[30] CH (1836/97) 1997-07-31

[21] **2,298,785**  
[13] A1

[51] **Int.Cl. 7F23B 5/02 7F23G 5/00 7F23L 9/02**  
[25] EN  
[54] **REBURN PROCESS**  
[54] **PROCEDE DE COMBUSTION SECONDAIRE**  
[72] RABOVITSER, IOSIF K., US  
[72] ROBERTS, MICHAEL J., US  
[72] KHINKIS, MARK J., US  
[71] INSTITUTE OF GAS TECHNOLOGY, US  
[85] 2000-01-28  
[86] 1998-07-02 (PCT/US98/13653)  
[87] 1999-02-11 (WO99/06765)  
[30] US (902,137) 1997-07-30

[21] **2,298,786**  
[13] A1

[51] **Int.Cl. 7E05F 15/14**  
[25] EN  
[54] **POWER SLIDING MINI-VAN DOOR**  
[54] **PORTE COULISSANTE MECANIQUE POUR MINI-VAN**  
[72] DANIELS, ANDREW R., CA  
[72] MURRAY, SHAWN, CA  
[72] FROMMER, THOMAS P., CA  
[71] ATOMA INTERNATIONAL CORP., CA  
[85] 2000-01-28  
[86] 1998-08-13 (PCT/CA98/00776)  
[87] 1999-02-25 (WO99/09282)  
[30] US (60/055,296) 1997-08-13

[21] **2,298,788**  
[13] A1

[51] **Int.Cl. 7A01N 63/00 7G02C 13/00 7A61K 7/00 7A01N 59/00 7A01N 63/04 7C11D 3/386 7C11D 3/48**  
[25] EN  
[54] **ANTIMICROBIAL COMPOSITION CONTAINING A HALOPEROXIDASE, A HYDROGEN PEROXIDE SOURCE, A HALIDE SOURCE AND AN AMMONIUM SOURCE**  
[54] **COMPOSITION ANTIBICROBIENNE CONTENANT UNE HALOPEROXYDASE, UNE SOURCE DE PEROXYDE D'HYDROGENE, UNE SOURCE D'HALOGENURE, ET UNE SOURCE D'AMMONIUM**  
[72] JOHANSEN, CHARLOTTE, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-01-28  
[86] 1998-08-12 (PCT/DK98/00348)  
[87] 1999-02-25 (WO99/08531)  
[30] DK (0940/97) 1997-08-14

[21] **2,298,789**  
[13] A1

[51] **Int.Cl. 7G01R 31/08**  
[25] EN  
[54] **ELECTRIC ARC MONITORING SYSTEMS**  
[54] **SYSTEMES DE CONTROLE POUR ARCS ELECTRIQUES**  
[72] HAM, HOWARD M., JR., US  
[72] KEENAN, JAMES J., US  
[72] PARKER, MICHAEL T., US  
[72] BENOIT, LUC PIERRE, US  
[71] HENDRY MECHANICAL WORKS, US  
[85] 2000-01-28  
[86] 1997-08-14 (PCT/US97/14497)  
[87] 1999-02-25 (WO99/09424)

[21] **2,298,790**  
[13] A1

[51] **Int.Cl. 7H01L 31/04**  
[25] EN  
[54] **THERMOPHOTOVOLTAIC SEMICONDUCTOR DEVICE**  
[54] **SEMI-CONDUCTEUR THERMOPHOTOVOLTAIQUE**  
[72] DIMATTEO, ROBERT STEPHEN, US  
[71] DIMATTEO, ROBERT STEPHEN, US  
[85] 2000-01-28  
[86] 1998-07-27 (PCT/IB98/01130)  
[87] 1999-02-11 (WO99/07021)  
[30] US (902,817) 1997-07-30

[21] **2,298,791**  
[13] A1

[51] **Int.Cl. 7H01M 2/26**  
[25] EN  
[54] **REINFORCED COILED ELECTRODE ASSEMBLIES AND METHODS OF PRODUCING SAME**  
[54] **ENSEMBLES ELECTRODES BOBINEES RENFORCEES ET PROCEDES DE PRODUCTION ASSOCIES**  
[72] BARBER, DONALD, US  
[72] PAVLINSKY, ROBERT, US  
[72] INGRAM, BRUCE, US  
[72] SMITH, ROBERT, US  
[71] DURACELL INC., US  
[85] 2000-01-28  
[86] 1998-08-05 (PCT/US98/16287)  
[87] 1999-02-18 (WO99/08333)  
[30] US (908,881) 1997-08-08

## Demandes PCT entrant en phase nationale

[21] **2,298,793**  
[13] A1

[51] **Int.Cl. 7B64D 45/00 7G08B 13/196**  
[25] EN  
[54] **SURVEILLANCE DEVICE FOR USE IN AIRCRAFT INTERIORS, ESPECIALLY IN PASSENGER AEROPLANES**  
[54] **DISPOSITIF DE SURVEILLANCE POUR LES CABINES D'AERONEFS, NOTAMMENT D'AVIONS DE TRANSPORT DE PASSAGERS**  
[72] ROMMEN, MARKUS, DE  
[71] VIDAIR AVIONICS AG, DE  
[85] 2000-01-28  
[86] 1998-07-18 (PCT/EP98/04473)  
[87] 1999-02-11 (WO99/06275)  
[30] DE (197 32 806.7) 1997-07-30

[21] **2,298,795**  
[13] A1

[51] **Int.Cl. 7A61K 31/195 7C12N 5/16 7A61K 31/23**  
[25] EN  
[54] **PROTECTING AND SURVIVAL PROMOTING AGENT FOR CENTRAL NERVOUS CELL**  
[54] **AGENT PROMOTEUR DE PROTECTION ET DE SURVIE DES CELLULES DU SYSTEME NERVEUX CENTRAL**  
[72] FURUYA, SHIGEKI, JP  
[72] HIRABAYASHI, YOSHIO, JP  
[72] MITOMA, JYUNYA, JP  
[71] THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP  
[85] 2000-01-28  
[86] 1998-07-28 (PCT/JP98/03364)  
[87] 1999-02-04 (WO99/04781)  
[30] JP (9/201619) 1997-07-28

[21] **2,298,797**  
[13] A1

[51] **Int.Cl. 7H04L 27/227**  
[25] EN  
[54] **METHOD AND DEVICE FOR THE RAPID SYNCHRONIZATION OF TWO CARRIER SIGNALS**  
[54] **PROCEDE ET DISPOSITIFS POUR SYNCHRONISER DEUX SIGNAUX PORTEURS**  
[72] ZIRWAS, WOLFGANG, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-01-28  
[86] 1998-07-13 (PCT/DE98/01954)  
[87] 1999-02-11 (WO99/07098)  
[30] DE (197 32 894.6) 1997-07-30

[21] **2,298,802**  
[13] A1

[51] **Int.Cl. 7H04L 27/227**  
[25] EN  
[54] **DEVICE FOR THE RAPID DIGITAL GENERATION OF A DIGITAL SIGNAL WITH PREDETERMINABLE PHASE ANGLE USING A REFERENCE CARRIER SIGNAL**  
[54] **DISPOSITIF POUR PRODUIRE RAPIDEMENT ET NUMERIQUEMENT UN SIGNAL NUMERIQUE A ANGLE DE PHASE POUVANT ETRE PREDETERMINE, AU MOYEN D'UN SIGNAL PORTEUR DE REFERENCE**  
[72] ZIRWAS, WOLFGANG, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-01-28  
[86] 1998-07-13 (PCT/DE98/01954)  
[87] 1999-02-11 (WO99/07099)  
[30] DE (197 32 895.4) 1997-07-30

[21] **2,298,805**  
[13] A1

[51] **Int.Cl. 7C07C 253/30 7C07C 255/51 7C07C 255/57**  
[25] EN  
[54] **METHOD FOR PREPARING 3-CYANO-2,4-DIHALOGEN-5-FLUOR-BENZOIC ACID**  
[54] **PROCEDE POUR LA PREPARATION D'ACIDE 3-CYANO-2,4-DIHALOGENE-5-FLUOR-BENZOIQUE**  
[72] HALLENBACH, WERNER, DE  
[72] MARHOLD, ALBRECHT, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-01-28  
[86] 1998-07-18 (PCT/EP98/04468)  
[87] 1999-02-11 (WO99/06360)  
[30] DE (197 33 243.9) 1997-08-01

[21] **2,298,810**  
[13] A1

[51] **Int.Cl. 7F21V 8/00 7B60Q 1/00**  
[25] EN  
[54] **ADDRESSABLE VEHICULAR LIGHTING SYSTEM**  
[54] **SYSTEME ADRESSABLE D'ECLAIRAGE DE VEHICULES**  
[72] SCIFRES, DONALD R., US  
[71] SDL, INC., US  
[85] 2000-01-28  
[86] 1998-07-23 (PCT/US98/15585)  
[87] 1999-02-11 (WO99/06760)  
[30] US (08/902,741) 1997-07-29

[21] **2,298,811**  
[13] A1

[51] **Int.Cl. 7A61K 48/00**  
[25] EN  
[54] **METHOD FOR THE TREATMENT OF GRAFTS**  
[54] **PROCEDE DE TRAITEMENT DES GREFFONS**  
[72] ISNER, JEFFREY M., US  
[71] ST. ELIZABETH'S MEDICAL CENTER OF BOSTON, INC., US  
[85] 2000-01-28  
[86] 1998-07-31 (PCT/US98/15971)  
[87] 1999-02-11 (WO99/06073)  
[30] US (60/054,386) 1997-07-31

[21] **2,298,813**  
[13] A1

[51] **Int.Cl. 7A61K 31/47 7C07D 217/02 7C07D 401/06 7C07D 403/06 7C07D 223/16 7A61K 31/435 7A61K 31/445 7A61K 31/495 7A61K 31/55 7C07D 211/68**  
[25] EN  
[54] **PYRROLIDINE AND PIPERIDINE MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY**  
[54] **MODULATEURS DE PYRROLIDINE ET DE PIPERIDINE DE L'ACTIVITE DU RECEPTEUR DE CHEMOKINE**  
[72] HOLSON, EDWARD, US  
[72] HALE, JEFFREY J., US  
[72] LYNCH, CHRISTOPHER, US  
[72] BERK, SCOTT C., US  
[72] WILLOUGHBY, CHRISTOPHER A., US  
[72] MACCOSS, MALCOLM, US  
[72] MILLS, SANDER G., US  
[72] BUDHU, RICHARD J., US  
[71] MERCK & CO., INC., US  
[85] 2000-01-28  
[86] 1998-08-27 (PCT/US98/17755)  
[87] 1999-03-04 (WO99/09984)  
[30] US (60/057,743) 1997-08-28  
[30] GB (9801009.3) 1998-01-16



## PCT Applications Entering the National Phase

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[21] **2,298,820**  
[13] A1  
[51] **Int.Cl. 7C07C 50/36 7A61K 41/00 7A61K 31/12 7A61K 31/235 7C07C 69/95**  
[25] EN  
[54] **THE USE OF 1,3,4,6-TETRAHYDROXY-HELIANTHRONE AND ITS DERIVATIVES IN PHOTODYNAMIC THERAPY AND CERTAIN SUCH NOVEL DERIVATIVES**  
[54] **UTILISATION DE 1,3,4,6-TETRAHYDROXY-HELIANTHRONE ET DE SES DERIVES DANS LE TRAITEMENT PHOTODYNAMIQUE ET CERTAINS NOUVEAUX DERIVES**  
[72] LAVIE, GAD, IL  
[72] MAZUR, YEHUDA, IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[71] NEW YORK UNIVERSITY, US  
[85] 2000-01-27  
[86] 1998-07-27 (PCT/IL98/00346)  
[87] 1999-02-11 (WO99/06347)  
[30] IL (121440) 1997-07-31

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[21] **2,298,821**  
[13] A1  
[51] **Int.Cl. 7C07D 213/02**  
[25] EN  
[54] **SUPERNUCLEOPHILIC 4-SUBSTITUTED-PYRIDINE CATALYSTS, AND PROCESSES USEFUL FOR PREPARING SAME**  
[54] **CATALYSEURS PYRIDINES 4-SUBSTITUES SUPERNUCLEOPHILES, ET PROCEDES UTILES POUR LA PREPARATION DE CEUX-CI**  
[72] CURTIS, JOE W., US  
[72] HOPPER, CHARLES R., US  
[72] SCRIVEN, ERIC F.V., US  
[72] BALASUBRAMANIAN, MARUDAI, US  
[72] HUCKSTEP, L. MARK, US  
[72] MURUGAN, RAMIAH, US  
[72] CALVIN, JOEL R., US  
[71] REILLY INDUSTRIES, INC., US  
[85] 2000-01-31  
[86] 1998-07-31 (PCT/US98/16024)  
[87] 1999-02-11 (WO99/06370)  
[30] US (60/054,473) 1997-08-01  
[30] US (60/055,086) 1997-08-01

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[21] **2,298,823**  
[13] A1  
[51] **Int.Cl. 7A61K 31/44 7A61K 47/02 7A61K 9/28 7A61K 47/32 7A61K 47/38**  
[25] EN  
[54] **STABILIZED COMPOSITIONS CONTAINING BENZIMIDAZOLE-TYPE COMPOUNDS**  
[54] **COMPOSITIONS STABILISEES CONTENANT DES COMPOSES DU TYPE BENZIMIDAZOLE**  
[72] SUGAYA, YUKIKO, JP  
[72] FUJIOKA, SATOSHI, JP  
[72] AOKI, SHIGERU, JP  
[72] UKAI, KOJI, JP  
[72] ICHIKAWA, MASAKI, JP  
[72] SUZUKI, YASUYUKI, JP  
[72] KAWAMURA, MASAO, JP  
[72] KATO, AKIRA, JP  
[72] KATO, TAKASHI, JP  
[71] EISAI CO., LTD., JP  
[85] 2000-01-31  
[86] 1999-04-20 (PCT/JP99/02098)  
[87] 1999-10-28 (WO99/53918)  
[30] JP (10-109288) 1998-04-20

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[21] **2,298,824**  
[13] A1  
[51] **Int.Cl. 7A61K 31/60 7A61P 9/00**  
[25] EN  
[54] **MACROPHAGE SCAVENGER RECEPTOR ANTAGONISTS FOR USE IN THE TREATMENT OF CARDIOVASCULAR DISEASES**  
[54] **ANTAGONISTES DES RECEPTEURS DES MONOCYTES MACROPHAGES POUVANT ETRE UTILISES POUR TRAITER LES MALADIES VASCULAIRES**  
[72] LYSKO, PAUL G., US  
[72] WEINSTOCK, JOSEPH, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-02-04  
[86] 1998-08-06 (PCT/US98/16374)  
[87] 1999-02-18 (WO99/07382)  
[30] US (60/055,397) 1997-08-06

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[21] **2,298,826**  
[13] A1  
[51] **Int.Cl. 7B01D 17/038 7C10G 33/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SEPARATING A MIXTURE OF A LESS DENSE LIQUID AND A MORE DENSE LIQUID**  
[54] **APPAREIL ET PROCEDE POUR SEPARER UN MELANGE CONSTITUE D'UN LIQUIDE MOINS DENSE ET D'UN LIQUIDE PLUS DENSE**  
[72] PARKINSON, DAVID JOHN, GB  
[71] MERPRO PRODUCTS LIMITED, GB  
[85] 2000-02-02  
[86] 1998-06-04 (PCT/GB98/01643)  
[87] 1999-01-07 (WO99/00169)  
[30] EP (97304593.3) 1997-06-27

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[21] **2,298,828**  
[13] A1  
[51] **Int.Cl. 7A61B 5/04**  
[25] EN  
[54] **PASSIVE, NON-INVASIVE METHOD TO QUANTIFY OBJECTIVELY THE LEVEL AND DENSITY OF A NEURAL BLOCKADE**  
[54] **PROCEDE PASSIF ET NON EFFRACTIF PERMETTANT DE QUANTIFIER DE MANIERE OBJECTIVE LE NIVEAU ET LA DENSITE D'UN BLOCAGE NEURONAL**  
[72] STERNBERGER, WAYNE I., US  
[72] GREENBERG, ROBERT S., US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2000-02-02  
[86] 1998-08-25 (PCT/US98/17529)  
[87] 1999-03-04 (WO99/09885)  
[30] US (08/918,446) 1997-08-26

## Demandes PCT entrant en phase nationale

[21] **2,298,829**  
[13] A1

[51] **Int.Cl. 7A47K 10/40 7A47K 10/38**  
[25] EN  
[54] **A SYSTEM FOR DISPENSING CORELESS ROLLS OF PRODUCT**  
[54] **SYSTEME DE DISTRIBUTION DE ROULEAUX DE PRODUIT A AME CREUSE**  
[72] GEMMELL, BRUCE MCLEAN, US  
[72] MAHAFFEY, CLEARY EFTON, US  
[72] GANTT, DONALD LEE, US  
[72] PHELPS, STEPHEN LAWRENCE, US  
[72] SKERRETT, JOHN RICHARD, US  
[72] COHEN, GEORGE R., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-02-02  
[86] 1998-09-04 (PCT/US98/18342)  
[87] 1999-03-18 (WO99/12461)  
[30] US (60/058,272) 1997-09-08  
[30] US (09/138,663) 1998-08-24

[21] **2,298,830**  
[13] A1

[51] **Int.Cl. 7A23B 7/155 7A23K 1/12 7A23K 1/14**  
[25] EN  
[54] **METHOD OF BIOCONVERSION OF INDUSTRIAL OR AGRICULTURAL CELLULOSE CONTAINING WASTES**  
[54] **TECHNIQUE DE CONVERSION BIOLOGIQUE DE DECHETS INDUSTRIELS OU AGRICOLES CONTENANT DE LA CELLULOSE**  
[72] LIZAK, YURI, IL  
[71] BIO-FEED LTD., IL  
[85] 2000-02-02  
[86] 1998-09-10 (PCT/IL98/00437)  
[87] 1999-03-18 (WO99/12429)  
[30] IL (121744) 1997-09-11

[21] **2,298,832**  
[13] A1

[51] **Int.Cl. 7C11D 17/00**  
[25] EN  
[54] **DETERGENT TABLET**  
[54] **DETERGENT EN PAIN**  
[72] TCHEOU, ERIC, BE  
[72] ONGENA, STEVEN RENE, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-02-02  
[86] 1998-08-04 (PCT/US98/16254)  
[87] 1999-02-18 (WO99/07819)  
[30] EP (97870116.7) 1997-08-08  
[30] EP (97870166.2) 1997-10-27

[21] **2,298,834**  
[13] A1

[51] **Int.Cl. 7C12N 15/48 7C07K 16/10 7C07K 14/15 7G01N 33/569 7C12Q 1/68**  
[25] FR  
[54] **SEQUENCES RETROVIRAUX ENDOGENES, ASSOCIEES A DES MALADIES AUTO-IMMUNES ET/OU A DES PERTURBATIONS DE LA GROSSESSE**  
[54] **ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE DISEASES OR WITH PREGNANCY DISORDERS**  
[72] MALLET, FRANCOIS, FR  
[72] BLOND, JEAN-LUC, FR  
[72] BESEME, FREDERIC, FR  
[72] BOUTON, OLIVIER, FR  
[72] MANDRAND, BERNARD, FR  
[71] BIO MERIEUX, FR  
[85] 1999-12-23  
[86] 1998-07-06 (PCT/FR98/01442)  
[87] 1999-01-21 (WO99/02696)  
[30] FR (97/08815) 1997-07-07

[21] **2,298,835**  
[13] A1

[51] **Int.Cl. 7C07C 13/04 7C07C 1/32**  
[25] EN  
[54] **EFFICIENT SYNTHESIS OF CYCLOPROPYLACETYLENE**  
[54] **SYNTHESE EFFICACE DE CYCLOPROPYLACETYLENE**  
[72] KARADY, SANDOR, US  
[72] MARCUNE, BENJAMIN, US  
[71] MERCK & CO., INC., US  
[85] 2000-02-02  
[86] 1998-08-03 (PCT/US98/15957)  
[87] 1999-02-18 (WO99/07657)  
[30] US (60/054,860) 1997-08-06  
[30] GB (9800464.1) 1998-01-09

[21] **2,298,837**  
[13] A1

[51] **Int.Cl. 7B60C 11/04**  
[25] EN  
[54] **INDUSTRIAL SERVICE PNEUMATIC TIRE**  
[54] **PNEUMATIQUE POUR VEHICULES INDUSTRIELS**  
[72] BONKO, MARK LEONARD, US  
[72] ROONEY, TIMOTHY MICHAEL, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 2000-02-02  
[86] 1997-12-15 (PCT/US97/22840)  
[87] 1999-04-01 (WO99/15348)  
[30] US (29/076,758) 1997-09-22

[21] **2,298,838**  
[13] A1

[51] **Int.Cl. 7B60C 9/00 7B60C 9/20**  
[25] EN  
[54] **PEN REINFORCEMENT FOR RUBBER COMPOSITES**  
[54] **RENFORT EN POLYETHYLENE-NAPHTALATE POUR COMPOSITES EN CAOUTCHOUC**  
[72] SYKORA, JAMES CLETUS, US  
[72] WESTGATE, WALTER KEVIN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 2000-02-02  
[86] 1997-09-26 (PCT/US97/17272)  
[87] 1999-04-08 (WO99/16630)

[21] **2,298,839**  
[13] A1

[51] **Int.Cl. 7B32B 5/16 7C08F 6/00 7C08J 3/28**  
[25] EN  
[54] **METHOD OF PROVIDING FRIABLE POLYTETRAFLUOROETHYLENE PRODUCTS**  
[54] **PROCEDE DE PRODUCTION DE PRODUITS FRIABLES A BASE DE POLYTETRAFLUOROETHYLENE**  
[72] POSZMIK, GEORGE, US  
[72] SUI, MANSHI, US  
[72] NEUBERG, NICHOLAS W., US  
[71] SHAMROCK TECHNOLOGIES, INC., US  
[85] 2000-02-02  
[86] 1998-07-30 (PCT/US98/15869)  
[87] 1999-02-18 (WO99/07549)  
[30] US (08/908,576) 1997-08-08

[21] **2,298,851**  
[13] A1

[51] **Int.Cl. 7A61K 31/56 7C07J 73/00**  
[25] EN  
[54] **REMEDIAL AGENT FOR BALDNESS AND OTHER DISEASES**  
[54] **AGENT REPARATEUR CONTRE LA CALVITIE ET AUTRES MALADIES**  
[72] KOJIMA, KOICHI, JP  
[72] YOSIOKA, SHIROH (DECEASED), JP  
[72] HAMADA, TAKAKAZU, JP  
[71] SANKYO COMPANY, LIMITED, JP  
[85] 2000-01-28  
[86] 1998-07-27 (PCT/JP98/03337)  
[87] 1999-02-11 (WO99/06050)  
[30] JP (9/203136) 1997-07-29

## PCT Applications Entering the National Phase

[21] **2,298,852**  
[13] A1

[51] **Int.Cl. 7C07H 19/00 7C12P 19/34 7C12Q 1/68**  
[25] EN  
[54] **83 HUMAN SECRETED PROTEINS**  
[54] **83 PROTEINES HUMAINES SECRETEES**  
[72] SHI, YANGGU, US  
[72] LI, YI, US  
[72] KYAW, HLA, US  
[72] WEI, YING-FEI, US  
[72] LAFLEUR, DAVID W., US  
[72] FAN, PING, US  
[72] ENDRESS, GREGORY A., US  
[72] ZENG, ZHIZHEN, US  
[72] ROSEN, CRAIG A., US  
[72] CARTER, KENNETH C., US  
[72] MOORE, PAUL A., US  
[72] RUBEN, STEVEN M., US  
[72] FENG, PING, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2000-01-28  
[86] 1998-07-29 (PCT/US98/15949)  
[87] 1999-02-11 (WO99/06423)  
[30] US (60/054,234) 1997-07-30  
[30] US (60/054,209) 1997-07-30  
[30] US (60/054,212) 1997-07-30  
[30] US (60/054,218) 1997-07-30  
[30] US (60/054,214) 1997-07-30  
[30] US (60/054,236) 1997-07-30  
[30] US (60/054,215) 1997-07-30  
[30] US (60/054,211) 1997-07-30  
[30] US (60/054,217) 1997-07-30  
[30] US (60/054,213) 1997-07-30  
[30] US (60/055,968) 1997-08-18  
[30] US (60/055,969) 1997-08-18  
[30] US (60/055,972) 1997-08-18  
[30] US (60/056,561) 1997-08-19  
[30] US (60/056,534) 1997-08-19  
[30] US (60/056,729) 1997-08-19  
[30] US (60/056,543) 1997-08-19  
[30] US (60/056,727) 1997-08-19  
[30] US (60/056,730) 1997-08-19  
[30] US (60/056,554) 1997-08-19

[21] **2,298,854**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12N 9/12 7C07K 16/40 7C12Q 1/48 7G01N 33/50**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR IDENTIFYING PKB KINASE INHIBITORS**  
[54] **COMPOSITIONS ET TECHNIQUES PERMETTANT D'IDENTIFIER LES INHIBITEURS DE LA KINASE DE LA PKB**  
[72] STOKOE, DAVID, US  
[72] HAWKINGS, PHILIP, GB  
[72] STEPHENS, LEN, GB  
[71] ONYX PHARMACEUTICALS, INC., US  
[85] 2000-01-27  
[86] 1998-09-17 (PCT/US98/19412)  
[87] 1999-04-08 (WO99/16887)  
[30] US (60/060,190) 1997-09-26

[21] **2,298,857**  
[13] A1

[51] **Int.Cl. 7C12N 9/42 7A23K 1/165 7C11D 3/386 7C12N 15/55**  
[25] EN  
[54] **MUTANT THERMOMONOSPORA SPP. CELLULASE**  
[54] **CELLULASE MUTANTE DE THERMOMONOSPORA SPP**  
[72] YOON, MEE-YOUNG, US  
[72] VAN KIMMENADE, ANITA, US  
[72] WINETZKY, DEBORAH, US  
[72] POWER, SCOTT D., US  
[72] GOEDEGEBUUR, FRITS, NL  
[71] GENENCOR INTERNATIONAL, INC., US  
[85] 2000-02-01  
[86] 1998-08-14 (PCT/US98/16969)  
[87] 1999-03-04 (WO99/10481)  
[30] US (08/924,440) 1997-08-27

[21] **2,298,855**  
[13] A1

[51] **Int.Cl. 7C12N 15/24 7C12N 7/01 7A61K 38/20 7C07K 16/24 7C07K 14/54 7G01N 33/566 7G01N 33/577**  
[25] EN  
[54] **INTERLEUKIN-18 BINDING PROTEINS, THEIR PREPARATION AND USE**  
[54] **PROTEINES DE FIXATION DE L'INTERLEUKINE-18, LEUR PREPARATION ET UTILISATION**  
[72] RUBINSTEIN, MENACHEM, IL  
[72] DINARELLO, CHARLES, US  
[72] NOVICK, DANIELA, IL  
[72] KIM, SOO HYUN, IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[85] 2000-02-01  
[86] 1998-08-13 (PCT/IL98/00379)  
[87] 1999-02-25 (WO99/09063)  
[30] IL (121554) 1997-08-14  
[30] IL (121639) 1997-08-27  
[30] IL (121860) 1997-09-29  
[30] IL (122134) 1997-11-06  
[30] IL (125463) 1998-07-22

[21] **2,298,864**  
[13] A1

[51] **Int.Cl. 7C07K 1/107 7A61K 38/17 7C07K 14/53 7C07K 14/535 7C07K 14/575**  
[25] EN  
[54] **CHEMICAL MODIFICATION OF PROTEINS TO IMPROVE BIOCOMPATIBILITY AND BIOACTIVITY**  
[54] **MODIFICATION CHIMIQUE DE PROTEINES POUR AMELIORER LA BIOCOMPATIBILITE ET LA BIOACTIVITE**  
[72] GEGG, COLIN, US  
[72] KINSTLER, OLAF, US  
[71] AMGEN INC., US  
[85] 2000-02-04  
[86] 1998-08-05 (PCT/US98/16217)  
[87] 1999-02-25 (WO99/09052)  
[30] US (08/911,224) 1997-08-15  
[30] US (09/119,800) 1998-07-21

## Demandes PCT entrant en phase nationale

[21] **2,298,866**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/00 7A61P 11/00 7C12N 5/10 7A61K 38/16 7C07K 14/47 7G01N 33/50 7G01N 33/53**  
[25] EN  
[54] **PEROXISOME-ASSOCIATED POLYPEPTIDE, NUCLEOTIDE SEQUENCE ENCODING SAID POLYPEPTIDE AND THEIR USES IN THE DIAGNOSIS AND/OR THE TREATMENT OF LUNG INJURIES AND DISEASES, AND OF OXIDATIVE STRESS-RELATED DISORDERS**  
[54] **POLYPEPTIDE ASSOCIE AU PEROXYISOME, SEQUENCE NUCLEOTIDIQUE CODANT CE POLYPEPTIDE, ET UTILISATIONS DE CE POLYPEPTIDE ET DE CETTE SEQUENCE DANS LE DIAGNOSTIC ET/OU LE TRAITEMENT DE LESIONS ET MALADIES PULMONAIRES ET DE TROUBLES OXYDATIFS ASSOCIES AU STRESS**  
[72] KNOOPS, BERNARD, BE  
[72] HERMANS, CEDRIC, BE  
[72] FALMAGNE, PAUL, BE  
[72] WATTIEZ, RUDDY, BE  
[72] BERNARD, ALFRED, BE  
[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE  
[71] UNIVERSITE DE MONS-HAINAUT, BE  
[85] 2000-01-26  
[86] 1998-08-20 (PCT/BE98/00124)  
[87] 1999-02-25 (WO99/09054)  
[30] BE (9700692) 1997-08-20

[21] **2,298,930**  
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61P 29/00 7A61P 31/00 7A61K 38/04 7C07K 7/06 7C07K 7/08 7A61P 19/10 7A61K 9/127 7A61K 38/17**  
[25] EN  
[54] **PHARMACEUTICALS FOR MODULATING HORMONE RESPONSIVENESS**  
[54] **MEDICAMENTS POUR LA MODULATION DE RECEPTIVITE D'HORMONE**  
[72] DOERSEN, CLAUS-JENS WALTER, US  
[72] DEDHAR, SHOUKAT, CA  
[72] MAZUR, ADAM WEISLAW, US  
[71] DOERSEN, CLAUS-JENS WALTER, US  
[71] DEDHAR, SHOUKAT, CA  
[71] MAZUR, ADAM WEISLAW, US  
[85] 2000-01-24  
[86] 1998-07-24 (PCT/CA98/00715)  
[87] 1999-02-04 (WO99/05172)  
[30] US (08/900,241) 1997-07-24

[21] **2,298,935**  
[13] A1

[51] **Int.Cl. 7C07D 471/14 7A61K 31/50**  
[25] EN  
[54] **1,2,4-TRIAZOLO-4,3-B|PYRIDO-3,2-D|PYRIDAZINE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[54] **DERIVES DE 1,2,4-TRIAZOLO-4,3-B|PYRIDO-3,2-D|PYRIDAZINE ET COMPOSITIONS PHARMACEUTIQUES A BASE DE CES DERIVES**  
[72] VEGA NOVEROLA, ARMANDO, ES  
[72] FERNANDEZ GARCIA, ANDRES, ES  
[72] CRESPO CRESPO, MA ISABEL, ES  
[72] GRACIA FERRER, JORDI, ES  
[71] ALMIRALL PRODESFARMA, S.A., ES  
[85] 2000-01-28  
[86] 1998-07-13 (PCT/EP98/04340)  
[87] 1999-02-11 (WO99/06404)  
[30] ES (9701670) 1997-07-29

[21] **2,298,973**  
[13] A1

[51] **Int.Cl. 7B01D 15/00 7B01D 53/46**  
[25] FR  
[54] **PROCEDE D'ELIMINATION DE COMPOSES ORGANOPHOSPHORES CONTENUS DANS UN GAZ OU LIQUIDE**  
[54] **METHOD FOR ELIMINATING ORGANOPHOSPHORUS COMPOUNDS CONTAINED IN A GAS OR LIQUID**  
[72] LAUCHER, DOMINIQUE, FR  
[72] NEDEZ, CHRISTOPHE, FR  
[71] RHODIA CHIMIE, FR  
[85] 2000-01-21  
[86] 1998-07-17 (PCT/FR98/01569)  
[87] 1999-02-04 (WO99/04878)  
[30] FR (97/09499) 1997-07-24

[21] **2,298,974**  
[13] A1

[51] **Int.Cl. 7C07D 513/06 7C07D 291/02 7C07D 517/06 7C07D 243/14 7C07D 223/16 7A61K 31/55**  
[25] FR  
[54] **THIAZOLOBENZOHETEROCYCLES, LEUR PREPARATION ET LES MEDICAMENTS LES CONTENANT**  
[54] **THIAZOLOBENZOHETEROCYCLES, PREPARATION AND MEDICINES CONTAINING SAME**  
[72] HARDY, JEAN-CLAUDE, FR  
[72] BOUQUEREL, JEAN, FR  
[72] NEMECEK, PATRICK, FR  
[72] PEYRONEL, JEAN-FRANCOIS, FR  
[71] RHONE-POULENC RORER S.A., FR  
[85] 2000-01-26  
[86] 1998-07-24 (PCT/FR98/01638)  
[87] 1999-02-04 (WO99/05147)  
[30] FR (97/09556) 1997-07-28

[21] **2,298,976**  
[13] A1

[51] **Int.Cl. 7A44C 5/24**  
[25] FR  
[54] **BOUCLE DEPLOYANTE POUR BRACELET**  
[54] **UNFOLDING CLASP FOR WRIST BAND**  
[72] LINDER, STEPHANE, CH  
[72] LIPE, THANAS, CH  
[71] TAG-HEUER S.A., CH  
[85] 2000-01-27  
[86] 1998-07-20 (PCT/CH98/00315)  
[87] 1999-02-11 (WO99/05930)  
[30] CH (1801/97) 1997-07-28

## PCT Applications Entering the National Phase

[21] **2,298,977**  
[13] A1

[51] **Int.Cl. 7C07D 205/08 7C07F 7/18**  
[25] EN  
[54] **PREPARATION OF BETA-METHYL CARBAPENEM INTERMEDIATES**  
[54] **PREPARATION D'INTERMEDIAIRES DE BETA-METHYL CARBAPENEM**  
[72] REIDER, PAUL J., US  
[72] VOLANTE, RALPH P., US  
[72] LYNCH, JOSEPH E., US  
[72] CHOI, WOO-BAEG, US  
[72] LEE, JAEMOON, US  
[71] MERCK & CO., INC., US  
[85] 2000-01-28  
[86] 1998-08-24 (PCT/US98/17510)  
[87] 1999-03-04 (WO99/10323)  
[30] US (60/058,002) 1997-08-27  
[30] GB (9801003.6) 1998-01-16

[21] **2,298,979**  
[13] A1

[51] **Int.Cl. 7A61K 31/535**  
[25] EN  
[54] **METHOD FOR TREATING PREMENSTRUAL OR LATE LUTEAL PHASE SYNDROME**  
[54] **PROCEDE PERMETTANT DE TRAITER LE SYNDROME PREMENSTRUEL OU LE SYNDROME DE LA PHASE LUTEALE TARDIVE**  
[72] RUPNIAK, NADIA, US  
[72] SHAPIRO, BENNETT M., US  
[71] MERCK & CO., INC., US  
[85] 2000-01-28  
[86] 1998-08-25 (PCT/US98/17532)  
[87] 1999-03-04 (WO99/09987)  
[30] US (60/057,744) 1997-08-28  
[30] GB (9800955.8) 1998-01-16

[21] **2,298,980**  
[13] A1

[51] **Int.Cl. 7A01K 67/00 7C07H 21/00 7C12N 15/12 7C12N 9/16 7C07K 16/18 7A61K 39/395 7C07K 16/40 7A61K 38/46 7C12N 15/55 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **NOVEL GENE ENCODING A DNA REPAIR ENDONUCLEASE AND METHODS OF USE THEREOF**  
[54] **NOUVEAU GENE CODANT UNE ENDONUCLEASE DE REPARATION D'ADN ET SES METHODES D'UTILISATION**  
[72] BELLACOSA, ALFONSO, US  
[71] FOX CHASE CANCER CENTER, US  
[85] 2000-01-28  
[86] 1998-07-28 (PCT/US98/15828)  
[87] 1999-02-04 (WO99/04626)  
[30] US (60/053,936) 1997-07-28

[21] **2,298,982**  
[13] A1

[51] **Int.Cl. 7A01N 59/00 7A01N 37/36**  
[25] EN  
[54] **DISINFECTANT COMPOSITION**  
[54] **COMPOSITION DESINFECTANTE**  
[72] GARCIA NUNEZ, MA. ROSALIA, ES  
[72] PRIEGO DELGADO, MA. TERESA, ES  
[71] OFTRAI, S.L., ES  
[71] MANDALAY INVERSIONES, S.L., ES  
[85] 2000-01-28  
[86] 1998-05-28 (PCT/ES98/00151)  
[87] 1999-12-02 (WO99/60859)

[21] **2,298,984**  
[13] A1

[51] **Int.Cl. 7A61B 19/08 7A61F 13/00 7A61M 5/00 7A61M 35/00 7A61M 1/06 7A61M 5/315**  
[25] EN  
[54] **WOUND IRRIGATION APPARATUS**  
[54] **DISPOSITIF D'IRRIGATION DE PLAIES**  
[72] CHRISTENSEN, MARK A., US  
[72] JACOBSON, DEBORAH K., US  
[72] SMITH, STEVEN M., US  
[72] TRIOLO, PHILIP M., US  
[71] CANYONS INTERNATIONAL, INC., US  
[85] 2000-01-28  
[86] 1998-09-02 (PCT/US98/18241)  
[87] 1999-03-11 (WO99/11192)  
[30] US (60/057,321) 1997-09-02  
[30] US (08/925,866) 1997-09-09

[21] **2,298,997**  
[13] A1

[51] **Int.Cl. 7C07D 477/14 7A61K 31/40**  
[25] EN  
[54] **CARBAPENEMS WITH NAPHTHOSULTAM DERIVATIVE LINKED VIA METHYLENE**  
[54] **CARBAPENEMS AVEC DERIVE DE NAPHTOSULTAME LIE PAR METHYLENE**  
[72] BLIZZARD, TIMOTHY A., US  
[72] MORGAN, JERRY D., US  
[72] RATCLIFFE, RONALD W., US  
[72] WILKENING, ROBERT R., US  
[71] MERCK & CO., INC., US  
[85] 2000-01-28  
[86] 1998-08-07 (PCT/US98/16492)  
[87] 1999-02-25 (WO99/09032)  
[30] US (60/055,273) 1997-08-13

[21] **2,298,998**  
[13] A1

[51] **Int.Cl. 7A61B 10/00**  
[25] FR  
[54] **DISPOSITIF DE PINCEMENT AMELIORE, NOTAMMENT DU TYPE PINCE A BIOPSIE**  
[54] **IMPROVED FORCEPS, IN PARTICULAR BIOPSY FORCEPS**  
[72] HUGUENY, JEAN-MARIE, FR  
[72] SABIN, PIERRE, FR  
[72] SABIN, JEAN-LOUIS, FR  
[72] WARNIER, ANTOINE, FR  
[71] HUGUENY, JEAN-MARIE, FR  
[85] 2000-02-04  
[86] 1998-08-07 (PCT/FR98/01777)  
[87] 1999-02-18 (WO99/07287)  
[30] FR (97/10156) 1997-08-07

[21] **2,299,048**  
[13] A1

[51] **Int.Cl. 7A01N 43/16 7A01H 4/00 7C12N 5/04 7C07H 3/06 7C12P 19/26 7A61K 31/715**  
[25] EN  
[54] **A NOD FACTOR BINDING PROTEIN FROM LEGUME ROOTS**  
[54] **PROTEINE DE FIXATION DU FACTEUR NOD DES RACINES DE LEGUMINEUSES**  
[72] ETZLER, MARILYNN E., US  
[72] MURPHY, JUDITH B., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-02-04  
[86] 1998-08-05 (PCT/US98/16261)  
[87] 1999-02-18 (WO99/07223)  
[30] US (08/907,226) 1997-08-06

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,299,049</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/805 7C12N 15/12 7C12N 1/21</b> [25] EN [54] <b>HEMOGLOBIN MUTANTS WITH INCREASED SOLUBLE EXPRESSION AND/OR REDUCED NITRIC OXIDE SCAVENGING</b> [54] <b>MUTANTS D'HEMOGLOBINE AVEC EXPRESSION SOLUBLE ACCRUE ET/OU EVACUATION REDUITE D'OXYDE NITRIQUE</b> [72] GLASCOCK, CHRISTOPHER B., US [72] MATHEWS, ANTONY J., US [72] OLSON, JOHN S., US [72] LEMON, DOUGLAS D., US [72] WEICKERT, MICHAEL J., US [72] DOHERTY, DANIEL H., US [71] BAXTER BIOTECH TECHNOLOGY S.A.R.L., CH [71] WILLIAM MARSH RICE UNIVERSITY, US [85] 1999-10-27 [86] 1998-05-01 (PCT/US98/08861) [87] 1998-11-12 (WO98/50430) [30] US (60/045,364) 1997-05-02 [30] US (60/057,986) 1997-09-05</p>	<p style="text-align: right;">[21] <b>2,299,052</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/31 7C12N 15/62</b> [25] EN [54] <b>SECRETION OF CARRIER-BONDED PROTEINS INTO THE PERIPLASMA AND THE EXTRACELLULAR SPACE</b> [54] <b>SECRETION DE PROTEINES LIEES A DES SUPPORTS DANS LE CYTOPLASME ET DANS L'ESPACE EXTRACELLULAIRE</b> [72] RESCH, STEPHANIE, DE [71] LUBITZ, WERNER, AT [85] 2000-01-28 [86] 1998-07-27 (PCT/EP98/04723) [87] 1999-02-11 (WO99/06567) [30] DE (197 32 829.6) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,299,158</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16L 37/18</b> [25] EN [54] <b>SAFETY LOCKING COUPLING ASSEMBLY</b> [54] <b>ACCOUPLLEMENT A VERROUILLAGE DE SURETE</b> [72] STREET, DAVID G., US [71] CAMPBELL FITTINGS, INC., US [85] 2000-01-28 [86] 1998-07-15 (PCT/US98/14571) [87] 1999-02-11 (WO99/06753) [30] US (08/903814) 1997-07-31</p>
<p style="text-align: right;">[21] <b>2,299,050</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12P 23/00 7C12N 1/20</b> [25] EN [54] <b>NOVEL CAROTENOID-PRODUCING BACTERIAL SPECIES AND PROCESS FOR PRODUCTION OF CAROTENOIDS USING SAME</b> [54] <b>NOUVELLES ESPECES BACTERIENNES PRODUISANT DES CAROTENOIDES ET PROCEDE DE PRODUCTION DE CAROTENOIDES AU MOYEN DE CES NOUVELLES ESPECES</b> [72] HARKER, MARK, IL [72] HIRSCHBERG, JOSEPH, IL [71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL [85] 2000-01-28 [86] 1998-07-16 (PCT/US98/14905) [87] 1999-02-11 (WO99/06586) [30] US (08/902,518) 1997-07-29</p>	<p style="text-align: right;">[21] <b>2,299,054</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/59 7A61K 38/24</b> [25] EN [54] <b>COMPOUNDS WITH ANTI-KS AND ANTI-HIV ACTIVITY</b> [54] <b>COMPOSES A ACTIVITE ANTI-SK ET ANTI-VIH</b> [72] SAIRAM, RAM M., CA [72] ANTAKLY, TONY, CA [71] ALTACHEM PHARMA LTD., CA [85] 2000-01-27 [86] 1998-07-30 (PCT/CA98/00731) [87] 1999-02-11 (WO99/06438) [30] US (60/054,543) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,299,164</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01F 3/10</b> [25] FR [54] <b>PROCEDE POUR PREPARER DES EMULSIONS CONCENTREES ET CALIBREES EN UNE PHASE DE VISCOSITE ELEVEE DONT DES EMULSIONS DE BITUMES</b> [54] <b>METHOD FOR PREPARING CONCENTRATED AND EMULSIONS CALIBRATED IN A HIGHLY VISCOUS PHASE, IN PARTICULAR BITUMEN EMULSIONS</b> [72] LEAL CALDERON, FERNANDO, FR [72] BIBETTE, JEROME, FR [72] GUMBERTEAU, FLORENCE, FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR [85] 2000-01-27 [86] 1998-07-28 (PCT/FR98/01674) [87] 1999-02-11 (WO99/06139) [30] FR (97/09654) 1997-07-29</p>
<p style="text-align: right;">[21] <b>2,299,055</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 21/00 7C12N 5/10 7C12N 15/19 7C07K 16/24 7C07K 14/52 7G01N 33/566 7C12Q 1/68</b> [25] EN [54] <b>NOVEL MOLECULES OF THE TANGO-77 RELATED PROTEIN FAMILY AND USES THEREOF</b> [54] <b>NOUVELLES MOLECULES DE LA FAMILLE DES PROTEINES DE TYPE TANGO-77 ET UTILISATIONS DE CES MOLECULES</b> [72] PAN, YANG, US [71] MILLENNIUM BIOTHERAPEUTICS, INC., US [85] 2000-02-02 [86] 1998-08-03 (PCT/US98/16102) [87] 1999-02-11 (WO99/06426) [30] US (60/054,646) 1997-08-04 [30] US (60/091,650) 1998-07-02</p>	<p style="text-align: right;">[21] <b>2,299,165</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/80</b> [25] FR [54] <b>COMPOSITION D'ISOCYANATE(S) MASQUE(S) MIXTE(S) ET SON UTILISATION EN PEINTURE POUFRE</b> [54] <b>MASKED MIXED ISOCYANATE COMPOSITION AND ITS USE IN POWDER PAINT</b> [72] BERNARD, JEAN-MARIE, FR [71] RHODIA CHIMIE, FR [85] 2000-01-27 [86] 1998-07-29 (PCT/FR98/01682) [87] 1999-02-11 (WO99/06462) [30] FR (97/09723) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,299,165</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/80</b> [25] FR [54] <b>COMPOSITION D'ISOCYANATE(S) MASQUE(S) MIXTE(S) ET SON UTILISATION EN PEINTURE POUFRE</b> [54] <b>MASKED MIXED ISOCYANATE COMPOSITION AND ITS USE IN POWDER PAINT</b> [72] BERNARD, JEAN-MARIE, FR [71] RHODIA CHIMIE, FR [85] 2000-01-27 [86] 1998-07-29 (PCT/FR98/01682) [87] 1999-02-11 (WO99/06462) [30] FR (97/09723) 1997-07-30</p>

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<p style="text-align: right;">[21] <b>2,299,166</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/70 7A61B 17/80</b> [25] FR [54] <b>IMPLANT, NOTAMMENT PLAQUE ANTERIEURE CERVICALE</b> [54] <b>IMPLANT, IN PARTICULAR FRONT CERVICAL PLATE</b> [72] BACCELLI, CHRISTIAN, FR [71] DIMSO, FR [85] 2000-01-27 [86] 1998-07-27 (PCT/FR98/01653) [87] 1999-02-04 (WO99/04718) [30] FR (97 09579) 1997-07-28</p>	<p style="text-align: right;">[21] <b>2,299,169</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/50 7C12Q 1/37 7G01N 33/573 7G01N 33/574</b> [25] FR [54] <b>UTILISATION DE CELLULES APPROPRIEES POUR LE CRIBLAGE D'INHIBITEURS DE LA TUBULINE-CARBOXYPEPTIDASE ET APPLICATIONS DE CES DERNIERS COMME ANTICANCEREUX</b> [54] <b>USE OF APPROPRIATE CELLS FOR SCREENING INHIBITORS OF THE TUBULIN-CARBOXYPEPTIDASE AND APPLICATIONS AS ANTI-CANCER AGENTS</b> [72] JOB, DIDIER, FR [72] LAFANECHERE, LAURENCE, FR [72] MARGOLIS, ROBERT L., FR [72] WEHLAND, JURGEN, DE [71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR [85] 2000-01-27 [86] 1998-07-24 (PCT/FR98/01645) [87] 1999-02-04 (WO99/05522) [30] FR (97/09563) 1997-07-28</p>	<p style="text-align: right;">[21] <b>2,299,171</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/48</b> [25] FR [54] <b>UTILISATION D'UN 2-AMINO-ALCANE POLYOL POUR LE TRAITEMENT DE VIEILLISSEMENT CUTANE</b> [54] <b>USE OF A 2-AMINO-ALKANE POLYOL AS AGENT FOR TREATING SKIN AGEING SIGNS</b> [72] PHILIPPE, MICHEL, FR [72] BERNARD, BRUNO, FR [72] GAETANI, QUINTINO, FR [71] L'OREAL, FR [85] 2000-01-28 [86] 1998-08-06 (PCT/FR98/01755) [87] 1999-02-18 (WO99/07337) [30] FR (97/10142) 1997-08-07</p>
<p style="text-align: right;">[21] <b>2,299,167</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01C 7/112</b> [25] FR [54] <b>VARISTANCES A BASE DE POUDRES NANOCRISTALLINES PRODUITES PAR BROYAGE MECANIQUE INTENSE</b> [54] <b>VARISTORS BASED ON NANOCRYSTALLINE POWDERS PRODUCED BY MECHANICAL GRINDING</b> [72] SCHULZ, ROBERT, CA [72] BOILY, SABIN, CA [72] JOLY, ALAIN, CA [72] VAN NESTE, ANDRE, CA [72] ALAMDARI, HOUSHANG, CA [71] HYDRO-QUEBEC, CA [85] 2000-01-27 [86] 1998-08-11 (PCT/CA98/00769) [87] 1999-02-25 (WO99/09564) [30] CA (2,211,813) 1997-08-13</p>	<p style="text-align: right;">[21] <b>2,299,170</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38 7H04J 4/00</b> [25] FR [54] <b>PROCEDE D'ACCES MULTIPLE DANS UN RESEAU CELLULAIRE DE RADIOCOMMUNICATION</b> [54] <b>METHOD FOR MULTIPLE ACCESS IN A CELLULAR RADIOCOMMUNICATION NETWORK</b> [72] BLANC, PATRICK, FR [72] ACX, ANNE-GAELE, FR [71] FRANCE TELECOM, FR [85] 2000-01-28 [86] 1998-07-27 (PCT/FR98/01656) [87] 1999-02-11 (WO99/07172) [30] FR (97/09881) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,299,172</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/80 7C08G 18/40</b> [25] FR [54] <b>COMPOSITION UTILE POUR L'OBTENTION DE REVETEMENT MAT OU SATINE, UTILISATION DE CETTE COMPOSITION ET REVETEMENT AINSI OBTENU</b> [54] <b>COMPOSITION USEFUL FOR OBTAINING A MATT OR DULL-GLAZED COATING, USE OF SAID COMPOSITION AND RESULTING COATING</b> [72] WILLIAMS, FRANCIS JOHN, ES [72] BERNARD, JEAN-MARIE, FR [72] VOGIN, BERNARD, FR [71] RHODIA CHIMIE, FR [71] CRAY VALLEY IBERICA, ES [85] 2000-01-28 [86] 1998-07-29 (PCT/FR98/01681) [87] 1999-02-11 (WO99/06461) [30] FR (97/09724) 1997-07-30 [30] FR (98/01270) 1998-01-30</p>
<p style="text-align: right;">[21] <b>2,299,168</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/574</b> [25] FR [54] <b>DETECTION D'UNE PROTEINE DU CYCLE DE TYROSINATION-DETYROSINATION DE LA TUBULINE AINSI QUE SES APPLICATIONS</b> [54] <b>METHOD FOR DETECTING A PROTEIN OF THE TUBULIN TYROSINATION-DETYROSINATION CYCLE AND APPLICATIONS</b> [72] WEHLAND, JURGEN, DE [72] MARGOLIS, ROBERT L., FR [72] LAFANECHERE, LAURENCE, FR [72] JOB, DIDIER, FR [71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR [85] 2000-01-27 [86] 1998-07-24 (PCT/FR98/01644) [87] 1999-02-04 (WO99/05529) [30] FR (97/09562) 1997-07-28</p>		

## Demandes PCT entrant en phase nationale

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[21] **2,299,173**

[13] A1

[51] **Int.Cl. 7G07F 7/10**

[25] FR

[54] **LECTEUR DE CARTE A PUCE**

**AVEC MICROCONTROLEUR ET**

**COMPOSANT DE SECURITE**

[54] **SMART CARD READER WITH**

**MICROCONTROLLER AND SECURITY**

**COMPONENT**

[72] KARLISCH, THIERRY, FR

[72] SAPHAR, LOUIS-PIERRE, FR

[71] GEMPLUS, S.C.A., FR

[85] 2000-01-28

[86] 1998-07-27 (PCT/FR98/01659)

[87] 1999-02-11 (WO99/06970)

[30] FR (97/09821) 1997-07-31

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[21] **2,299,195**

[13] A1

[51] **Int.Cl. 7B32B 15/06**

[25] EN

[54] **RUBBER-METAL COMPOSITE**

[54] **COMPOSITE CAOUTCHOUC-**

**METAL**

[72] LANGE, ILONA, DE

[72] SCHELBACH, RALF, DE

[71] HENKEL

KOMMANDITGESELLSCHAFT AUF

AKTIEN, DE

[85] 2000-03-08

[86] 1998-12-04 (PCT/EP98/07904)

[87] 1999-06-24 (WO99/30841)

[30] DE (197 55 421.0) 1997-12-13



## **PCT Applications Entering the National Phase**

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### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,298,288**  
[13] A1

[51] **Int.Cl. 7A61N 1/39**  
[25] EN  
[54] **ATRIAL DEFIBRILLATOR, LEAD SYSTEMS, AND METHOD**  
[54] **DEFIBRILLATEUR AURICULAIRE, SYSTEMES DE FILS ET METHODE**  
[72] ADAMS, JOHN M., US  
[72] KREYENHAGEN, PAUL E., US  
[72] ALFERNESS, CLIFTON A., US  
[71] CARDIAC PACEMAKERS, INC., US  
[22] 1992-04-07  
[43] 1992-10-13  
[62] 2,083,678  
[30] US (685,130) 1991-04-12  
[30] US (856,514) 1992-03-24

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[21] **2,298,547**  
[13] A1

[51] **Int.Cl. 7A61B 5/087**  
[25] EN  
[54] **ASSISTED VENTILATION TO MATCH PATIENT RESPIRATORY NEED**  
[54] **VENTILATION ASSISTEE CONCUE POUR REpondre AUX BESOINS RESPIRATOIRES DU PATIENT**  
[72] BERTHON-JONES, MICHAEL, AU  
[71] RESMED LIMITED, AU  
[22] 1997-09-23  
[43] 1998-04-02  
[62] 2,266,454  
[30] AU (PO 2474) 1996-09-23  
[30] AU (PCT/AU97/00517) 1997-08-14

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[21] **2,298,553**  
[13] A1

[51] **Int.Cl. 7A61M 16/00 7A61B 5/087**  
[25] EN  
[54] **METHOD FOR PROVIDING VENTILATORY ASSISTANCE IN A SPONTANEOUSLY BREATHING SUBJECT**  
[54] **METHODE DE FOURNIR DE L'ASSISTANCE RESPIRATOIRE CHEZ UN SUJET RESPIRANT SPONTANEMENT**  
[72] BERTHON-JONES, MICHAEL, AU  
[71] RESMED LIMITED, AU  
[22] 1997-09-23  
[43] 1998-04-02  
[62] 2,266,454  
[30] AU (PO 2474) 1996-09-23  
[30] AU (PCT/AU97/00517) 1997-08-14

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[21] **2,298,814**  
[13] A1

[51] **Int.Cl. 7A61F 2/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BILATERAL INTRA-AORTIC BYPASS**  
[54] **METHODE ET APPAREIL POUR PONTAGE INTRA-AORTIQUE BILATERAL**  
[72] LABORDE, JEAN CLAUDE, FR  
[72] PALMAZ, JULIO C., US  
[71] JOHNSON & JOHNSON INC., US  
[22] 1992-12-21  
[43] 1993-07-09  
[62] 2,085,918  
[30] US (07/818,052) 1992-01-08

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[21] **2,298,856**  
[13] A1

[51] **Int.Cl. 7G01N 33/50 7A61L 27/00**  
[25] EN  
[54] **LIVING TISSUE EQUIVALENTS**  
[54] **EQUIVALENTS DE TISSU VIVANT**  
[72] KEMP, PAUL D., US  
[72] BELL, EUGENE, US  
[72] CAVALLARO, JOHN, US  
[72] MASON, VALERIE, US  
[72] KAGAN, DAVID T., US  
[71] ORGANOGENESIS, INC., US  
[22] 1990-08-24  
[43] 1991-03-16  
[62] 2,023,968  
[30] US (07/408,052) 1989-09-15

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[21] **2,298,925**  
[13] A1

[51] **Int.Cl. 7C01B 13/11**  
[25] EN  
[54] **OZONE GENERATING APPARATUS**  
[54] **APPAREIL GENERATEUR D'OZONE**  
[72] MUKAI, MASAHIRO, JP  
[72] YAGI, SHIGENORI, JP  
[72] YOSHIZAWA, KENJI, JP  
[72] OCHI, JUNJI, JP  
[72] TABATA, YOUICHIRO, JP  
[72] OZAWA, TATEKI, JP  
[72] KUZUMOTO, MASAKI, JP  
[71] MITSUBISHI DENKI KABISHIKI KAISHA, JP  
[22] 1995-04-21  
[43] 1995-10-29  
[62] 2,147,534  
[30] JP (092718/1994) 1994-04-28  
[30] JP (047647/95) 1995-03-07

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## Canadian Divisional and Previously Unavailable Laid-Open applications

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[21] **2,298,942**  
[13] A1

[51] **Int.Cl. 7C01B 13/11**  
[25] EN  
[54] **OZONE GENERATING APPARATUS**  
[54] **APPAREIL GENERATEUR D'OZONE**  
[72] YAGI, SHIGENORI, JP  
[72] MUKAI, MASAHIRO, JP  
[72] OZAWA, TATEKI, JP  
[72] OCHI, JUNJI, JP  
[72] TABATA, YOUICHIRO, JP  
[72] KUZUMOTO, MASAKI, JP  
[72] YOSHIZAWA, KENJI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1995-04-21  
[43] 1995-10-29  
[62] 2,147,534  
[30] JP (092718/1994) 1994-04-28  
[30] JP (047647/95) 1995-03-07

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[21] **2,299,091**  
[13] A1

[51] **Int.Cl. 7C01B 13/11**  
[25] EN  
[54] **OZONE GENERATING APPARATUS**  
[54] **APPAREIL GENERATEUR D'OZONE**  
[72] YAGI, SHIGENORI, JP  
[72] YOSHIZAWA, KENJI, JP  
[72] KUZUMOTO, MASAKI, JP  
[72] TABATA, YOUICHIRO, JP  
[72] OCHI, JUNJI, JP  
[72] MUKAI, MASAHIRO, JP  
[72] OZAWA, TATEKI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1995-04-21  
[43] 1995-10-29  
[62] 2,147,534  
[30] JP (092718/1994) 1994-04-28  
[30] JP (047647/95) 1995-03-07

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[21] **2,298,960**  
[13] A1

[51] **Int.Cl. 7C01B 13/11**  
[25] EN  
[54] **OZONE GENERATING APPARATUS**  
[54] **APPAREIL GENERATEUR D'OZONE**  
[72] MUKAI, MASAHIRO, JP  
[72] OCHI, JUNJI, JP  
[72] OZAWA, TATEKI, JP  
[72] TABATA, YOUICHIRO, JP  
[72] YOSHIZAWA, KENJI, JP  
[72] YAGI, SHIGENORI, JP  
[72] KUZUMOTO, MASAKI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1995-04-21  
[43] 1995-10-29  
[62] 2,147,534  
[30] JP (092718/1994) 1994-04-28  
[30] JP (047647/95) 1995-03-07

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[21] **2,299,126**  
[13] A1

[51] **Int.Cl. 7C01B 13/11**  
[25] EN  
[54] **OZONE GENERATING APPARATUS**  
[54] **APPAREIL GENERATEUR D'OZONE**  
[72] TABATA, YOUICHIRO, JP  
[72] KUZUMOTO, MASAKI, JP  
[72] OZAWA, TATEKI, JP  
[72] OCHI, JUNJI, JP  
[72] YAGI, SHIGENORI, JP  
[72] MUKAI, MASAHIRO, JP  
[72] YOSHIZAWA, KENJI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1995-04-21  
[43] 1995-10-29  
[62] 2,147,534  
[30] JP (092718/1994) 1994-04-28  
[30] JP (047647/1995) 1995-03-07

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ASSOCIATION FRANÇAISE CONTRE LES MYOPATHIES	2,284,399	BROWER, BOYD G.	2,283,121	COHN, ALAN R.	2,284,804
ATTIMONT, LUC	2,280,598	BROWN, BENJAMIN C.	2,284,210	COLE, J. LAWRENCE	2,283,372
BABU, Meduri Suresh	2,261,106	BROWN, WILLIAM S., JR.	2,284,210	COLLINS, Scott	2,248,463
BACHMANN, Marc William	2,267,552	BRUBEK B.V.	2,282,813	CONN, MARIE-LOUISE FRANCINE	2,275,375
BACHMANN, Noémie	2,267,552	BRUCE, DAVID W.	2,280,463	CONTI, MARIANGELA	2,282,245
BACHMANN, Sonia	2,267,552	BRULS, NICOLA JOZEF MARIE	2,282,813	CORTEC CORPORATION	2,285,524
BADAKHSHAN, Alireza	2,246,123	BUCHANAN, VINCENT P.	2,283,351	COUDE, Jean	2,256,295
BAE, HAK GYUN	2,284,234	BURKHOLZ, JONATHAN KARL	2,280,530	COULOMBE, Pierre	2,256,202
BAIER, EDWARD KENNETH	2,284,354	BURNHAM, John	2,248,488	COUTURE, ROLAND	2,282,975
BARTHOLOMAY, WILLIAM G.	2,283,609	BUSUJIMA, HIROKI	2,284,003	CRAMER, Seth Whitney	2,254,860
BARTHOLOMAY, WILLIAM G.	2,283,611	BUTTITTA, ANTHONY	2,280,102	CROASMUN, WILLIAM R.	2,284,402
BASF CORPORATION	2,276,229	C.M.L. COSTRUZIONI MECCANICHE LIRI S.R.L.	2,284,427	CRONIN, RICHARD J.	2,283,603
BASF CORPORATION	2,276,793	C.M.L. COSTRUZIONI MECCANICHE LIRI S.R.L.	2,285,735	CROWDER, ROBERT W.	2,284,140
BATZ-SOHN, CHRISTOPH	2,283,987	C.R.M. ENTERPRISES, INC.	2,283,038	DAENEN, ROBERT H. C. M.	2,282,966
BAUER, Ricky Jay	2,246,123	CAIL, Kevin Moire	2,249,493	DAIKYO SEIKO, LTD.	2,273,833
BAYER CORPORATION	2,281,166	CAMPBELL, DONALD H.	2,276,793	DAIMLERCHRYSLER AG	2,284,420
BEAUPLAN, Bernard	2,248,510	CANADA POST CORPORATION	2,275,375	DALLAS, L. MURRAY	2,276,973
BECKER, JUERGEN	2,281,189	CANADIAN ENVIRONMENTAL EQUIPMENT & ENGINEERING TECHNOLOGIES INC.	2,249,051	DANA CORPORATION	2,284,303
		CANDAGE, Anthony B.	2,266,534	DART INDUSTRIES INC.	2,282,966
				DAUER, HORST	2,284,172
				DAUPHIN ENTWICKLUNGS- UND BETEILIGUNGS GMBH	2,284,406
				DAUPHIN, FRIEDRICH W.	2,284,406
				DE NORA, S.P.A.	2,282,205

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DECKER, OWEN H.	2,280,379	GARCEAU, William J.	2,252,315	HP INTELLECTUAL CORP.	2,284,128
DEGUSSA-HULS AKTIENGESELLSCHAFT	2,283,987	GARIBOLDI, ROBERTO	2,284,029	HSC RESEARCH AND DEVELOPMENT	
DELGRECO, ANGELA GLORIA	2,284,354	GARLAND, STUART MANDEL	2,279,670	LIMITED PARTNERSHIP	2,246,005
DESJARDINS, JEAN- JACQUES	2,280,258	GARY, Lonnie F.	2,258,058	HSU, JAY CHIEHLUNG	2,278,950
DIBIASI, MICHAEL A.	2,281,833	GEBO CONVEYORS, CONSULTANTS & SYSTEMS INC.	2,248,565	HSU, WEN-LIANG	2,282,068
DILLING, PEER	2,284,172	GELLERT, JOBST ULRICH	2,248,553	HUANG, CHING YAO	2,280,324
DOELL, GERHARD	2,282,133	GENERAL ELECTRIC COMPANY	2,283,364	HUBER, KARLHEINZ	2,284,305
DOMMER, ARMIN	2,283,000	GEORGE, Grant E.E.	2,249,128	HUGHES, Robert	2,249,278
DONATI, STEFANO	2,282,914	GESSNER, MICHAEL A.	2,276,793	HUGHEY, DANIEL C.	2,283,974
DOUGLAS, W. J. Murray	2,249,125	GHIBELY, BRUNO	2,285,525	HUNG, Chih-Shiu	2,248,525
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DUECK, Raymond	2,252,938	GILBERT, Sylvie S.	2,250,661	HUSKY INJECTION MOLDING SYSTEMS LTD.	2,283,614
DUQUET, BERTRAND	2,284,386	GLASCO, DAVID BRIAN	2,280,125	HYDRO-QUEBEC	2,282,975
DURANTON, ALBERT	2,284,387	GOLOFF, CHARLES N.	2,280,542	HYDROSCOPE CANADA INC.	2,249,092
DURON, MIKE C.	2,283,045	GOLTZMAN, David	2,245,903	IACHETTA, RICHARD NICHOLAS JR.	2,280,125
DUTY, DAVID ALLEN	2,279,950	GONZALES, Jim	2,274,354	IBM CANADA LTD. - IBM CANADA LIMITÉE	2,249,059
EHINGER, ANDREAS	2,284,386	GORZA, ROBERTO	2,284,046	IBM CANADA LTD. - IBM CANADA LIMITÉE	2,249,066
ELF ATOCHEM S.A.	2,282,934	GREEN, Richard	2,249,084	IBM CANADA LTD. - IBM CANADA LIMITÉE	2,249,096
ELI LILLY AND COMPANY	2,278,960	GRIFFITH, GARY L.	2,280,103	ICHIIHASHI, MAMORU	2,279,141
ELLIS, James	2,246,005	GRIMMINGER, JOCHEN	2,276,577	IIDA, JUNICHI	2,280,853
EMMERICH, RUDOLF	2,283,000	GROSNOR SPORTSCARDS INC.	2,247,651	ILLINOIS TOOL WORKS INC.	2,283,974
ENDICOTT, FREDERICK J.	2,281,373	HADIKEN, Lawrence	2,249,883	IMAGINATIVE RESEARCH ASSOCIATES, INC.	2,284,322
ENDO, YASUHIRO	2,284,978	HADIMIOGLU, BABUR B.	2,280,577	INGERSOLL-DRESSER PUMP COMPANY	2,283,603
ENKE, GREGOR	2,284,305	HAGI, YOSHIKI	2,275,088	INGRIM, Mike	2,274,354
ERWIN MULLER GMBH & CO.	2,285,525	HALASA, ADEL FARHAN	2,282,068	INOTEL INC.	2,248,474
ESTEBAN, ALMUDENA RUBIO	2,278,960	HALLMARK CARDS, INCORPORATED	2,283,035	INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,249,157
EVANS, Jean M.	2,273,811	HAMDOUCHI, CHAFIQ	2,278,960	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,280,125
EVANS, JEAN M.	2,276,916	HANDFIELD, LOUIS	2,282,975	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,283,045
EWING, Dale	2,249,081	HARADA, YOSHINORI	2,284,071	INTERNATIONAL GAME TECHNOLOGY	2,284,140
FAILON, BRIAN K.	2,283,522	HARRIS, PAUL J.	2,276,229	INVENTIO AG	2,283,602
FAUST, ROBERT A.	2,283,045	HART, JAMES JOSEPH	2,283,018	ISHIDA, KAZUSHIGE	2,284,320
FENDER, MICHAEL	2,284,422	HARUYAMA, HIDEYUKI	2,283,540	ISLEY, Reggald Emory	2,248,392
FER FAHRZEUGELEKTRIK GMBH	2,284,113	HAYASHI, NAHOTO	2,283,989	ITAYA, SEIZO	2,283,895
FISCHER, KLAUS	2,284,029	HAYEK, GEORGES NICOLAS	2,283,866	IVY ANIMAL HEALTH, INC.	2,283,054
FITZGIBBON, JAMES J.	2,283,533	HAYS, DAN A.	2,281,373	JACKSON, WARREN B.	2,281,373
FLAT, JEAN-JACQUES	2,282,934	HEIBERG, JAKOB	2,282,966	JACOBY, CHARLES J.	2,284,013
FLEETWOOD FOLDING TRAILERS, INC.	2,284,151	HENDERSON, Janet E.	2,245,903	JAUSS, MICHAEL	2,283,000
FLEMING, David Charles Robert	2,251,441	HENGSTENBERG, ROLF	2,284,123	JO, BONG KWAN	2,283,350
FLOYD, PHILIP D.	2,281,373	HETZ, AVIGDOR	2,283,601	JOHNSON & JOHNSON INC.	2,256,295
FORBESS, Russell G.	2,249,945	HICKEY, Wayne	2,248,488	JOHNSON & JOHNSON VISION PRODUCTS, INC.	2,283,984
FORGET, PIERRE	2,293,902	HICKMAN, JOHN R.	2,284,013	JOHNSON, JOHN ANDREW	2,283,364
FORTE, VITO	2,284,411	HINO, KOJI	2,284,367	KAGAMI, YASUO	2,284,978
FRAMATOME CONNECTORS CANADA INC.	2,249,084	HINTON, DAVID R.	2,280,542	KALNES, THOMAS N.	2,281,429
FRAPPIER, JOHN P.	2,282,118	HINTON, DAVID R.	2,281,242	KAMEL, RAAFAT EDWARD	2,280,204
FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,283,000	HISHIKI, HIDEO	2,284,139	KANEFUSA KABUSHIKI KAISHA	2,283,895
FREESTONE, JERRY ALLAN	2,254,860	HITACHI, LTD.	2,284,320		
FROST, JOHN ROBERT	2,284,423	HITCHCOCK, STEPHEN ANDREW	2,278,960		
FRUZZETTI, GIANCARLO	2,283,984	HOANG, MINH QUANG	2,280,530		
FUJI ELECTRIC CO., LTD.	2,284,367	HOECK, ROGER W.	2,281,833		
GAA, PETER C.	2,279,746	HOLTHAUS, DONNA LYNN	2,284,354		
GABRIEL, ROBERT G.	2,283,522	HOLZ GAGG, KATRIN	2,280,258		
GAGNON, Pierre	2,256,202	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,283,024		
		HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,283,625		
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KARAPLIS, Andrew C.	2,245,903	MICHAEL	2,281,833	MATSUSHITA ELECTRIC	
KASENGA, Anthony F.	2,273,811	LEAN, MENG H.	2,281,373	INDUSTRIAL CO., LTD.	2,283,918
KAWAHARA, TAKESHI	2,282,919	LEHMANN, Richard W.	2,249,945	MATSUSHITA GRAPHIC	
KAWASAKI STEEL		LEONARD, ERIC DAVID	2,279,467	COMMUNICATION	
CORPORATION	2,284,139	LEPINE, Gordon D.	2,246,710	SYSTEMS, INC.	2,280,853
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KELLY, EPHRAIM LAMAR	2,284,354	LEVESQUE, Yvon	2,256,295	MAYRHOFER, FRANZ	2,283,883
KENISON, DALE C.	2,283,054	LEWIS, CLEATUS A.	2,284,804	MAYSELESS, MEIR	2,283,601
KERRUTH, MICHAEL	2,284,123	LIFESCAN, INC.	2,265,201	MCGILL UNIVERSITY	2,245,903
KERSLAKE, Richard Donald	2,254,860	LIFESCAN, INC.	2,270,334	MCGILL UNIVERSITY	2,249,125
KIJANG MEDICAL CO.	2,283,350	LIFT-U, DIVISION OF HOGAN		McLAUGHLIN, CHARLES A.	2,283,045
KIMBERLY-CLARK		MFG. INC.	2,284,804	MCMURRAY, JEFFREY R.	2,281,833
WORLDWIDE, INC.	2,278,950	LILLELUND, STIG	2,282,966	MERCHANT, ZOHAR M.	2,284,402
KINIGAKIS, PANAGIOTIS	2,283,110	L'INSTITUT FRANCAIS DU		METZGER, ALBERT	2,282,936
KINOSHITA, TAKASHI	2,282,098	PETROLE	2,284,386	MEYERS, MARTIN HOWARD	2,280,204
KITOH, KENSHIN	2,284,404	LIPMAN, Mark L.	2,245,903	MICHAUD, Luc	2,248,471
KLEIN, Richard J., II	2,246,123	LOCHKOVIC, GREGORY A.	2,282,125	MIKSIC, BORIS A.	2,285,524
KOBAYASHI, WATARU	2,284,302	LOHMAN, Guy M.	2,249,096	MILLER, IAN ALLAN	2,283,534
KOCH, MIKAEL	2,282,966	L'ORÉAL	2,281,418	MILLS, GREGORY A.	2,282,125
KOCHER, HANS	2,283,602	L'ORÉAL	2,284,387	MIRIELLO, VIRGILIO	2,282,245
KODAMA, KAZUNARI	2,284,978	LOURENCO, Jose	2,249,051	MISHRA, KAILASH	2,276,916
KOHLE, HANS-JURGEN	2,284,422	LUCENT TECHNOLOGIES		MITCHELL, DAVID	2,283,030
KONRAD DOPPELMAYR &		INC.	2,279,031	MITSUBA CORPORATION	2,283,024
SOHN		LUCENT TECHNOLOGIES		MITSUBISHI DENKI	
MASCHINENFABRIK		INC.	2,279,095	KABUSHIKI KAISHA	2,277,742
GESELLSCHAFT M.B.H.		LUCENT TECHNOLOGIES		MIYAKE, MAKOTO	2,283,625
& CO. KG	2,283,623	INC.	2,279,098	MIYOSHI, TETSUYA	2,284,003
KOS, Steven	2,254,860	LUCENT TECHNOLOGIES		MIZUGUCHI, HIROSHI	2,283,625
KOVACS, GREGORY J.	2,281,373	INC.	2,279,443	MIZUNO, MASAHIRO	2,283,004
KRAFT FOODS, INC.	2,283,110	LUCENT TECHNOLOGIES		MOISEL, JORG	2,284,420
KRAFT FOODS, INC.	2,284,402	INC.	2,279,444	MOLOCK, FRANK	2,283,984
KRAFT FOODS, INC.	2,284,423	LUCENT TECHNOLOGIES		MOOIJEKIND, Jerry G.	2,247,583
KREJCHI, Mark	2,274,354	INC.	2,279,467	MORASCA, SALVATORE	2,282,914
KUBBY, JOEL A.	2,281,373	LUCENT TECHNOLOGIES		MORIN, ROBERT M., JR.	2,283,038
KUBICZ, EDWARD M.	2,284,128	INC.	2,279,670	MORRISON, LOWEN ROBERT	
KUBOZUKA, SHINICHI	2,283,024	LUCENT TECHNOLOGIES		JR.	2,284,354
KUFFNER, Joe	2,249,100	INC.	2,279,950	MORTIER, JOHAN M. J. K.	2,282,966
KUFFNER, Joe	2,249,102	LUCENT TECHNOLOGIES		MORTON INTERNATIONAL,	
KULKARNI, Ashok Krishna	2,261,106	INC.	2,280,102	INC.	2,280,379
KUNG, Hsiang-Tsung	2,249,152	LUCENT TECHNOLOGIES		MOTEKI, Yoshiji	2,271,971
KUNIYA, MASAYOSHI	2,282,098	INC.	2,280,103	MOTOROLA, INC.	2,282,996
KURARAY CO., LTD.	2,283,989	LUCENT TECHNOLOGIES		MUGGE ELECTRONIC	2,283,000
KURAUCHI, SEIJI	2,284,235	INC.	2,280,204	MUGGE, HORST	2,283,000
KURITA ENGINEERING CO.,		LUCENT TECHNOLOGIES		MULLER, JACQUES	2,283,866
LTD.	2,284,320	INC.	2,280,324	MURAI, TSUNEO	2,284,139
KURSEL, Thomas C.	2,249,090	LUGINSLAND, HANS-		MURALLI, Madala Krishna	2,261,106
KUSUNOKI, YOSHIAKI	2,277,742	DETLEF	2,283,987	MURATA, HIROYUKI	2,283,625
KVAERNER PROCESS		LYE, William	2,266,534	MYER, ROBERT EVAN	2,279,031
SYSTEMS, INC.	2,283,351	MA, Byong-Jin	2,267,018	MYER, ROBERT EVAN	2,279,095
LAFARGE CANADA INC.	2,249,493	MACKSOUD, Antoine T.	2,250,661	MYER, ROBERT EVAN	2,279,443
LAFERRIERE, CHRISTIAN	2,294,493	MAFOTI, Robson	2,274,354	MYER, ROBERT EVAN	2,279,444
LAHAM, MOHAMMAD ALI	2,279,467	MAHE, YANN	2,284,387	NAGASE, MAKOTO	2,284,320
LAILLY, PATRICK	2,284,386	MALLETTE, Felix D., Sr.	2,249,065	NAKAGAWA, KURAO	2,282,919
L'AIR LIQUIDE SOCIÉTÉ		MALONEY, MICHAEL J.	2,284,363	NAKAHARA, KAORI	2,283,540
ANONYME POUR		MAN ROLAND		NAKAI, RYUSUKE	2,275,088
L'ÉTUDE ET		DRUCKMASCHINEN AG	2,284,172	NAKAMURA, FUMITO	2,284,320
L'EXPLOITATION DES		MAN ROLAND		NAKANO, Yoshiaki	2,267,018
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LANGER, CHRISTIE LYNN	2,283,110	MARUYAMA, TORU	2,284,978	NEC CORPORATION	2,283,047
LASH INTERNATIONAL INC.	2,248,829	MASUO, HITOSHI	2,283,047	NEC CORPORATION	2,283,999
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NICHIHA CORPORATION	2,279,143	PETERS, Thomas E.	2,273,811	SERIZAWA, NOBUFUSA	2,283,540
NICHOLAS, DAVID A.	2,283,362	PETERS, THOMAS E.	2,276,916	SEVEY, Douglas L.	2,246,123
NIDOLA, ANTONIO	2,282,205	PETERSEN, GODBER	2,284,172	SEYNETT, PIERRE	2,294,493
NIPPON CHEMICAL DENSHI CO., LTD.	2,283,004	PETROVIC, Zmaj	2,248,565	SHARIFI-MEHR, AMIR ALI	2,281,833
NITTO DENKO CORPORATION	2,282,098	PIOTROWSKI, STANLEY ADAM	2,284,354	SHEMPERT, CRAIG H.	2,283,045
NOOLANDI, JAAN	2,281,373	PIRELLI CAVI E SISTEMI S.P.A.	2,282,914	SHI, AN-CHANG	2,281,373
NORDX/CDT, INC.	2,277,524	PLASTIQUES GYF LTÉE	2,246,046	SHIMIZU, AKIRA	2,284,238
NORTEL NETWORKS CORPORATION	2,284,360	PLAYTEX PRODUCTS, INC.	2,284,013	SHIMO, HIROYUKI	2,283,989
NORTH SCREEN STUDIO LTD.	2,248,520	PLETTAC AG	2,284,123	SHINOHARA, TOSHIAKI	2,283,918
NORTHERN TELECOM LIMITED	2,249,152	PMC-SIERRA LTD.	2,266,534	SHOR, ILYA	2,283,612
NORTHERN TELECOM LIMITED	2,254,860	POMERLEAU, André	2,253,020	SIECOR OPERATIONS, LLC	2,281,408
NORTHFIELD METAL PRODUCTS LTD.	2,284,296	PREMARK RWP HOLDINGS, INC.	2,274,354	SIECOR OPERATIONS, LLC	2,282,125
NOTTINGHAM, JOHN R.	2,282,957	PREMARK RWP HOLDINGS, INC.	2,279,746	SIECOR OPERATIONS, LLC	2,283,121
NOVA CHEMICALS LTD.	2,248,463	PROZONIC, FRANK MICHAEL	2,283,018	SIEGMUND, GERD	2,283,960
OATES, David Bridson	2,249,493	PUGIA, MICHAEL J.	2,281,166	SIEMENS AKTIENGESELLSCHAFT	2,276,577
OGURA, KUNIAKI	2,284,139	PUHL, ALFONS	2,276,577	SIEMENS AKTIENGESELLSCHAFT	2,284,160
OHBA, TSUGIO	2,284,968	RADKE, Robert E.	2,249,090	SIMON, CURTIS J.	2,284,804
OHRBOM, WALTER H.	2,276,229	RAJAN, Varagur S.V.	2,249,092	SINGH, BRIJ P.	2,281,007
OKADA, NOBORU	2,284,968	RAMIREZ, JAMES R.	2,283,035	SINHA, DEEPEN	2,279,098
O'NEILL, FREDERICK CLARK	2,280,463	RAMIREZ, JOSE	2,284,322	SIU YU, Yeung	2,270,334
ONISHI, SEI	2,284,235	RECKNER, CHARLES R., JR.	2,284,151	SMALL, JONATHAN A.	2,281,373
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OPENHEART LTD.	2,284,302	REHFUSS, JOHN W.	2,276,229	SMITH, ROBERT C.	2,283,362
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OSRAM SYLVANIA INC.	2,273,811	RIDLEY, Rodney K.	2,249,092	SOLENO INC.	2,246,046
OSRAM SYLVANIA INC.	2,273,814	RISLEY ENTERPRISES LTD.	2,248,392	SOLLAC	2,284,375
OSRAM SYLVANIA INC.	2,276,916	ROTHWELL, HAROLD JR.	2,276,916	SOMEYA, IKUO	2,284,238
OTSUBO, TOSHIFUMI	2,283,550	ROTHWELL, Harold L., Jr.	2,273,811	SONY CORPORATION	2,284,235
OUYANG, Tianmei	2,265,201	ROUMILHAC, DIDIER	2,282,934	SONY CORPORATION	2,284,238
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PAGATECH INC.	2,248,471	SAFFARI, ALI M.	2,284,140	SPRINGER, RICHARD E.	2,283,555
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		SATCHWELL, Robert	2,249,051	SUSKO, Rudolf	2,247,547
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LARSEN, SCOTT D.	2,298,601	MAENO, SHUJI	2,298,008	MEDCARE MEDICAL GROUP,	
LARSSON, HANS-O.	2,298,443	MAGAL, ELLA	2,298,414	INC.	2,298,447
LAUCHER, DOMINIQUE	2,298,973	MAGGI, FLAVIO	2,298,604	MEDIACOM CORPORATION	2,297,976
LAUGHLIN, WILLIAM	2,298,503	MAGRINI, ANNA	2,298,420	MEDIVIR AB	2,298,704
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LAVIE, GAD	2,298,820	MAILE, KEITH R.	2,297,953	MEIJER, LAURENT	2,297,967
LAWRENCE, BRIAN L.	2,298,778	MALIARTCHOUK, SERGEI	2,297,945	MEIJI SEIKA KAISHA, LTD.	2,298,586
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LEAL CALDERON, FERNANDO	2,299,164	MAMONTOV, JURY M.	2,298,466	MENDOLIA, MICHAEL	2,298,703
LEE, DENNIS	2,298,668	MANDALAY INVERSIONES,		MERBERG, DAVID	2,298,451
LEE, IVAN S.	2,297,970	S.L.	2,298,982	MERCK & CO., INC.	2,298,813
LEE, IVAN S.	2,298,529	MANDRAND, BERNARD	2,298,834	MERCK & CO., INC.	2,298,835
LEE, JAE-MIN	2,298,711	MANES, LAWRENCE V.	2,298,057	MERCK & CO., INC.	2,298,977
LEE, JAEMOON	2,298,977	MANKO, DAVID J.	2,297,932	MERCK & CO., INC.	2,298,979
LEE, KUO-CHU	2,298,608	MANKOVITZ, ROY J.	2,298,569	MERCK & CO., INC.	2,298,997
LEE, LYNDON CHI-HANG	2,297,935	MAPLES, CREVE	2,297,971	MERCK PATENT	
LEE, THOMAS T. K.	2,298,057	MARCOCCIA, BRUNO S.	2,297,980	GESELLSCHAFT MIT	
LEE, WOO-YONG	2,298,711	MARCUNE, BENJAMIN	2,298,835	BESCHRÄNKTER	
LEHNER, JOHANN	2,298,504	MARGOLIS, ROBERT L.	2,299,168	HAFTUNG	2,298,624
LEICHENKO, JURY B.	2,298,466	MARGOLIS, ROBERT L.	2,299,169	MERCK SHARP & DOHME	
LEICHT, ALFONS	2,298,678	MARGUET, FRANK	2,298,522	LIMITED	2,298,777
LEISINGER, THOMAS	2,297,675	MARHOLD, ALBRECHT	2,298,805	MERCK SHARP & DOHME	
LEMON, DOUGLAS D.	2,299,049	MARSHALL, JEREMY	2,298,674	LIMITED	2,298,779
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MINNESOTA MINING AND		NAICKER, S. SEL VARAJ	2,298,572	OHKI, MITSU HARU	2,298,776
MANUFACTURING		NAKAGAWA, T.	2,298,685	OJANEN, LASSI M.	2,298,623
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MINNESOTA MINING AND		NAKAKOSHI, MASAMICHI	2,298,527	OLSON, JOHN S.	2,299,049
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MANUFACTURING		NALCO CHEMICAL COMPANY	2,297,937	TECHNOLOGY LTD.	2,298,657
COMPANY	2,298,697	NAOHARA, T.	2,298,685	ONGENA, STEVEN RENE	2,298,832
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MITANI, TOMOTSUGU	2,298,491	NEUMANN, JORG	2,298,659	CO., LTD.	2,298,679
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MONRO, DONALD MARTIN	2,298,687	LTD.	2,298,673	PARK, DOO-HONG	2,298,106
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MOORE, PAUL A.	2,298,852	NISHIKAWA, KAZUO	2,298,741	PARKINSON, DAVID JOHN	2,298,826
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MORGAN, GARETH JOHN-		NISHIKAWA, KAZUO	2,298,741	PATTERSON, HUBERT A.	2,298,488
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