

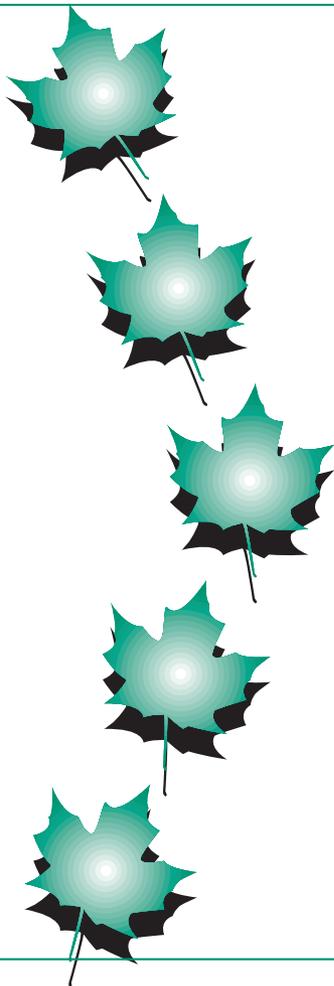


**Canadian  
Intellectual Property  
Office**

An Agency of  
Industry Canada

**Office de la propriété  
intellectuelle  
du Canada**

Un organisme  
d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 130, No. 12 March 19, 2002

Vol. 130, N° 12 le 19 mars 2002

**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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

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

### Important Notice to Subscribers

Since 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) or [strategis.ic.gc.ca/patents/record](http://strategis.ic.gc.ca/patents/record) since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have the choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

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

Contact us:

Website: <http://cipo.gc.ca> under Contact Us, Request Information related to Intellectual Property

E-mail: [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca)

Telephone: (819) 997-1936 (from 8:00 a.m. to 4:45 p.m. EST.)

Fax: (819) 953-7620 (operational 24 hours a day)

### 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) ou [strategis.ic.gc.ca/brevets/gazette](http://strategis.ic.gc.ca/brevets/gazette). 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'à nouvel ordre, après quoi des frais s'appliqueront.

Pour communiquer avec nous :

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) 997-1936 (de 8h à 16h45 HNE)

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

# Table of Contents

## Table des matières

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	11
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public .....	35
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	83
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	135
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	139
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public .....	145
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	153
Index of Canadian Divisional and Previously Unavailable Laid-Open applications	
Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	163

## Notices

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

#### Dates

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

#### Code Numerals

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

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

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

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

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

## Avis

### 2. Country Code

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

### 3. Canadian Class Titles

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

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

### 4. Class Schedules and Definitions

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

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

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

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

### 2. Code des pays

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

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

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

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

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

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

## Notices

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

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

### 7. Advice on Making a Patent Application

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

### 8. Licensing of Patents

#### Voluntary Licences

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

#### Compulsory Licences

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

### 9. Patents Available for Licence or Sale

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

### 6. Commande de brevets par classe ou sous-classe

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

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

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

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

#### Licences librement accordées

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

#### Licences obligatoires

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

### 9. Brevets disponibles pour licence ou vente

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

## Avis

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

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

2,229,392

### 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.

2,229,392

### 11. Laid-Open Applications

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

### 12. 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).

### 11. 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.

### 12. Langue du document publié

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

## Notices

### 13. Patent Cooperation Treaty (PCT)

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

#### SCHEDULE OF FEES APPLICABLE AS OF JANUARY 3, 2002

#### BARÈME DE TAXES À PARTIR DU 03 JANVIER 2002

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b>	639.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	138.00
The maximum that can be charged for the Designation Fee is \$690.00; therefore, if more than 5 countries are designated the fee remains \$690.00	

4. <b>International Search Fee</b>	1,360.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.	

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

5. <b>Late Payment Fee</b>	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
----------------------------	---

#### Preliminary Examination

6. <b>Handling Fee:</b> (Rule 57.2(a))	159 Euro Dollars
7. <b>Preliminary Examination Fee:</b> (Rule 58)	1,530 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office. Please note that the European Patent Office will NOT consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

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

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b>	639,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	138,00
Le maximum payable pour la taxe de désignation est de 690,00 \$; donc, si plus que 5 pays sont désignés, la taxe demeure 690,00 \$.	

4. <b>Taxe de recherche internationale</b>	1 360,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.	

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

5. <b>Taxe pour paiement tardif</b>	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
-------------------------------------	--

#### Examen préliminaire

6. <b>Taxe de traitement:</b> (Règle 57.2(a))	159 dollars euro
7. <b>Taxe d'examen préliminaire:</b> (Règle 58)	1 530 dollars euro

Les taxes d'examen préliminaire Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées à l'Office récepteur du Canada. Veuillez noter que l'Office européen NE considérera PAS les honoraires comme étant reçu jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par fax de la traite bancaire au 011-4889-2399-4465.

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

## 14. PCT Notices

### PCT Signature Requirements

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

## 15. Canadian Laid-Open Applications

The Patent Office Record of March 19, 2002 contains laid-open applications from February 24, 2002 - March 2, 2002.

## 16. Disclaimer

A disclaimer has been filed and recorded on March 11, 2002 for Canadian Patent No. 1, 341,234 granted May 15, 2001 to Applied Biotechnology, Inc. with respect to the subject matter of the following claims: 15, 16, 28 and 29.

## 14. Avis PCT

### Exigences des signatures du PCT

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

## 15. 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 24 février 2002 - 2 mars 2002.

## 16. Renonciation

Une renonciation a été déposée le 11 mars 2002 relative au brevet canadien no. 1,341,234 concédé le 15 mai 2001 à Applied Biotechnology, Inc. concernant la matière des revendications suivantes: 15, 16, 28 et 29.

## Notices

### 17. Notice

Notice is hereby given that the Governor General in Council approved amendments to the Patent Rules pertaining to the Patent Cooperation Treaty (PCT).

These amendments ensure that the Canadian Patent Rules conform with Canada's international obligations under the PCT. The PCT is administered by the World Intellectual Property Organization (WIPO), which is located in Geneva. The amendments extend, in certain circumstances, the time limit for transmitting a PCT application to national patent offices, irrespective of whether the applicant has requested an international preliminary examination. They come into force on April 1, 2002.

The amendments cited above will be published in Part II of the Canada Gazette, Vol. 136, No. 7, on March 27, 2002. An extract containing the amendments, the Regulatory Impact Analysis Statement and an explanatory note on the transitional application of the amendments can be accessed on the Web site of the Canadian Intellectual Property Office: [www.cipo.gc.ca](http://www.cipo.gc.ca)

<sup>1</sup> See next page for the explanatory note

### 17. Avis

Avis est, par la présente, donné que la gouverneure générale en conseil a approuvé des modifications aux Règles sur les brevets relativement au Traité de coopération en matière de brevets (PCT).

Ces modifications assurent la conformité des Règles sur les brevets du Canada à ses obligations internationales relatives au PCT. Le PCT est administré par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI), qui se trouve à Genève. Les modifications étendent, dans certaines circonstances, le délai prescrit pour amorcer la procédure auprès des offices de brevets nationaux, que le requérant ait demandé ou non un examen préliminaire international. Lesdites modifications entrent en vigueur le 1er avril 2002.

Les modifications susmentionnées seront publiées dans la Partie II de la Gazette du Canada, Vol. 136, no 7, le 27 mars 2002. Un extrait comportant les modifications, le Résumé de l'étude d'impact de la réglementation et une note explicative<sup>1</sup> sur la mise en pratique des modifications sont accessibles sur le site Web de l'Office de la propriété intellectuelle du Canada : [www.opic.gc.ca](http://www.opic.gc.ca).

<sup>1</sup> Voir page suivante pour la note explicative

## Avis

### **Explanatory Note on the Transitional Application of the Amendments to the Patent Rules PCT Time Limits**

[For the purpose of this notice "priority date" means: a) where the international application contains a priority claim, the filing date of the application whose priority is so claimed; b) where the international application contains several priority claims, the filing date of the earliest application whose priority is so claimed; or c) where the international application does not contain any priority claim, the international filing date of such application.]

#### **Demand Filed Before the Expiry of 19 Months from the Priority Date**

In respect of applications filed before April 1, 2002, if the applicant filed a demand for international preliminary examination prior to the expiry of 19 months from the priority date, then the applicant has until the expiry of 30 months from the priority date to enter the national phase in Canada. Moreover, by paying a late fee of CAD\$200, the applicant may enter the Canadian national phase up to 42 months from the priority date.

#### **Demand Not Filed or Filed After the Expiry of 19 Months from the Priority Date**

In respect of applications filed before April 1, 2002 and where the demand for international preliminary examination has not been filed, or was filed after the expiry of 19 months from the priority date, the following situations are possible:

- If April 1, 2002, occurs at or before 30 months from the priority date then the applicant has 30 months or, upon payment of a late fee of CAD\$200, 42 months from the priority date to enter the national phase in Canada.
- If April 1, 2002, occurs after 30 months but at or before 32 months from the priority date then the applicant has, upon payment of a late fee of CAD\$200, 42 months from the priority date to enter the national phase in Canada.
- If April 1, 2002, occurs after 32 months from the priority date then the applicant can no longer enter the national phase in Canada on or after April 1, 2002.

### **Note explicative sur la mise en pratique des modifications aux Règles concernant la Loi sur les brevets ayant trait aux échéances PCT**

[Dans cet avis, on entend par « date de priorité » : a) lorsque la demande internationale comporte une revendication de priorité, la date du dépôt de la demande dont la priorité est ainsi revendiquée; b) lorsque la demande internationale comporte plusieurs revendications de priorité, la date du dépôt de la demande la plus ancienne dont la priorité est ainsi revendiquée; ou c) lorsque la demande internationale ne comporte aucune revendication de priorité, la date du dépôt international de cette demande.]

#### **Demande déposée avant l'expiration de la période de 19 mois à compter de la date de priorité**

Dans le cas de demandes déposées avant le 1er avril 2002, si le demandeur a déposé une demande d'examen préliminaire international avant l'expiration d'une période de 19 mois à compter de la date de priorité, l'entrée dans la phase nationale au Canada est possible jusqu'à l'expiration de la période de 30 mois à compter de la date de priorité. Qui plus est, l'entrée dans la phase nationale au Canada est possible jusqu'à l'expiration de la période de 42 mois à compter de la date de priorité, en acquittant une surtaxe pour paiement en souffrance de 200 \$ CAD.

#### **Demande non déposée ou déposée après l'expiration de la période de 19 mois à compter de la date de priorité**

Dans le cas de demandes déposées avant le 1er avril 2002, pour lesquelles aucune demande d'examen préliminaire international n'a été déposée, ou pour lesquelles cette demande a été déposée après l'expiration de la période de 19 mois à compter de la date de priorité, les situations suivantes sont possibles :

- Si la période de 30 mois à compter de la date de priorité se termine au ou après le 1er avril 2002, le demandeur dispose alors de 30 mois à compter de la date de priorité pour entrer dans la phase nationale, ou de 42 mois à compter de la date de priorité si la surtaxe pour paiement en souffrance de 200 \$ CAD est acquittée.
- Si la période de 30 mois est terminée au 1er avril 2002, mais qu'à cette date, 32 mois ou moins se sont écoulés depuis la date de priorité, le demandeur dispose de 42 mois à compter de cette date de priorité pour entrer dans la phase nationale, avec paiement de la surtaxe pour paiement en souffrance de 200 \$ CAD.
- Si, au 1er avril 2002, plus de 32 mois se sont écoulés depuis la date de priorité, l'entrée dans la phase nationale au Canada n'est plus possible le 1er avril 2002 ou au-delà.

## Notices

The above represents the situation as it applies to Canada as a designated state under the PCT. For information concerning the applicability of the modification of the time limit under PCT article 22(1) with respect to other Contracting States, please refer to the March 2002 edition of the PCT Newsletter or the WIPO Web site at <http://www.wipo.int/pct/en/index.html>.

Ceci décrit la situation dans la perspective du Canada comme état désigné dans le cadre du PCT. On peut obtenir des renseignements sur les changements dans la mise en pratique de l'article 22(1) ayant trait aux échéances des autres états contractants dans le numéro de mars 2002 du bulletin PCT Newsletter ou au site Web de l'OMPI : <http://www.wipo.int/pct/fr/index.html>

## Avis

# Canadian Patents Issued

March 19, 2002

## Brevets canadiens délivrés

19 mars 2002

---

[11] **1,341,348**  
[13] C  
[52] 195-1.22 195-1.235 195-1.34 195-1.35  
530-13.00  
[51] **Int.Cl. 7C12N 15/28 7C12N 5/10**  
**7C12N 1/00 7C12P 21/00 7C07K 14/525**  
[25] EN  
[54] **HUMAN TUMOR NECROSIS**  
**FACTOR**  
[54] **FACTEUR INDUISANT UNE**  
**NECRASE DE TUMEURS CHEZ**  
**L'HUMAIN**  
[72] Wallace, Robert Bruce, US  
[72] Itoh, Hirataka, JP  
[73] ASAHI KASEI KABUSHIKI KAISHA,  
JP  
[21] **478,300**  
[22] 1985-04-03  
[30] US (597,372) 1984-04-06

---

[11] **1,341,349**  
[13] C  
[52] 260-237.2 167-41 167-103 260-429.4  
260-552.4 260-598.7 260-607.2  
[51] **Int.Cl. 7C07F 15/00 7C07D 257/02**  
**7A61K 43/00 7A61K 49/00**  
[25] EN  
[54] **FUNTIONALIZED POLYAMINE**  
**CHELANTS AND RHODIUM**  
**COMPLEXES THEREOF FOR**  
**CONJUGATION TO ANTIBODIES**  
[54] **AGENTS DE CHELATION DE**  
**POLYAMINES FONCTIONNALISEES**  
**ET LEURS COMPLEXES DE RHODIUM**  
**POUR LA CONJUGAISON AVEC DES**  
**ANTICORPS**  
[72] Kruper, William J. Jr., US  
[72] Pollock, Douglas K., US  
[72] Fordyce, William A., US  
[72] Fazio, Michael J., US  
[72] Inbasekaran, Muthiah N., US  
[73] DOW CHEMICAL COMPANY (THE),  
US  
[21] **569,508**  
[22] 1988-06-15  
[30] US (065,739) 1987-06-24

---

[11] **1,341,350**  
[13] C  
[52] 36-6  
[51] **Int.Cl. 7A43B 13/14 7A43B 5/00**  
[25] EN  
[54] **SHOE WITH NATURALLY**  
**CONTOURED SOLE**  
[54] **CHAUSSURE DOTEE D'UNE**  
**SEMELLE EPOUSANT LE PROFIL DU**  
**PIED**  
[72] Ellis, Frampton E., III, US  
[73] Anatomic Research, Inc., US  
[21] **617,144**  
[22] 1989-07-14  
[30] (605,797) 1989-07-14

---

[11] **2,007,075**  
[13] C  
[51] **Int.Cl. 6A61K 38/49**  
[25] EN  
[54] **NEW THROMBOLYTIC**  
**COMPOSITIONS**  
[54] **NOUVEAUX COMPOSES**  
**THROMBOLYTIQUES**  
[72] Pohl, Gunnar, SE  
[72] Mattsson, Christer, SE  
[73] PHARMACIA & UPJOHN  
AKTIEBOLAG, SE  
[22] 1990-01-03  
[30] SE (8900067-3) 1989-01-10

---

[11] **2,008,390**  
[13] C  
[51] **Int.Cl. 5C12N 15/15 6A61K 38/57**  
**6C07K 14/81**  
[25] EN  
[54] **MUTANTS OF HUMAN**  
**ANTITHROMBIN III**  
[54] **MUTANTS DE**  
**L'ANTITHROMBINE III HUMAINE**  
[72] Zettlmeibl, Gerd, DE  
[72] Karges, Hermann E., DE  
[72] Becker, Achim, DE  
[73] AVENTIS BEHRING GMBH, DE  
[22] 1990-01-23  
[30] DE (P 39 01 917.9) 1989-01-24

---

[11] **2,008,769**  
[13] C  
[51] **Int.Cl. 5B65D 55/08**  
[25] EN  
[54] **TAMPER-INDICATING PLASTIC**  
**CLOSURE**  
[54] **MANCHON D'INVOLABILITE EN**  
**MATIERE PLASTIQUE**  
[72] MCBRIDE, Stephen W., US  
[72] WILDE, Sheldon L., US  
[73] H-C INDUSTRIES, INC., US  
[22] 1990-01-29  
[30] US (343,995) 1989-04-26  
[30] US (303,317) 1989-01-30  
[30] US (465,301) 1990-01-23

---

[11] **2,008,787**  
[13] C  
[51] **Int.Cl. 5B32B 17/00 5C03C 27/12**  
[25] EN  
[54] **COMPOSITE GLAZING PANEL**  
[54] **PANNEAU DE VITRAGE**  
**COMPOSITE**  
[72] de Moncuit, Frédéric, FR  
[72] De Clerck, Georges, BE  
[72] Lieffrig, Vincent, BE  
[73] GLAVERBEL, BE  
[22] 1990-01-29

---

[11] **2,021,666**  
[13] C  
[51] **Int.Cl. 5C08L 25/02 5C08L 87/00**  
**5C08J 9/06 5C08J 9/34**  
[25] EN  
[54] **THERMOPLASTIC POLYMER**  
**COMPOSITION CONTAINING MELT-**  
**RHEOLOGY MODIFIERS**  
[54] **COMPOSITION DE POLYMERES**  
**THERMOPLASTIQUES CONTENANT**  
**DES AGENTS MODIFIANT LES**  
**CARACTERISTIQUES**  
**RHEOLOGIQUES DU PRODUIT**  
**FONDU**  
[72] MEMON, Nazir Ahmed, US  
[73] ROHM AND HAAS COMPANY, US  
[22] 1990-07-20  
[30] US (389,662) 1989-08-04

Canadian Patents Issued  
March 19, 2002

[11] **2,027,037**  
[13] C  
[51] **Int.Cl. 5C08F 2/34 5C08F 210/02 5C08F 210/06**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF ETHYLENE-PROPYLENE COPOLYMERS**  
[54] **METHODE DE PREPARATION DE COPOLYMERES D'ETHYLENE ET DE PROPYLENE**  
[72] Mirra, Mauro, IT  
[72] Masi, Francesco, IT  
[72] Invernizzi, Renzo, IT  
[72] Langianni, Elio, IT  
[72] Masini, Sergio, IT  
[73] Enimont Anic S.r.l., IT  
[22] 1990-10-05  
[30] IT (21 935 A/89) 1989-10-06

[11] **2,028,908**  
[13] C  
[51] **Int.Cl. 5C04B 35/10 5C04B 35/06 5C04B 35/44 5C04B 35/80 5C04B 41/87**  
[25] EN  
[54] **SPINEL BONDABLE CERAMIC COMPOSITION**  
[54] **COMPOSE DE CERAMIQUE SPINELLES A RESISTANCE ACCRUE**  
[72] Vezza, Thomas F., US  
[73] North American Refractories Co., US  
[22] 1990-10-30  
[30] US (07/429759) 1989-10-31

[11] **2,032,303**  
[13] C  
[51] **Int.Cl. 5C07F 9/30 6A61K 38/04 6C07K 5/04 6C07K 7/06 5A61K 31/66**  
[25] EN  
[54] **INHIBITORS OF RETROVIRAL PROTEASES**  
[54] **INHIBITEURS DES PROTEASES RETROVIRALES**  
[72] Budt, Karl-Heinz, DE  
[72] Peyman, Anuschirwan, DE  
[73] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[22] 1990-12-14  
[30] DE (P 39 41 607.0) 1989-12-16  
[30] DE (P 40 18 942.2) 1990-06-13

[11] **2,032,797**  
[13] C  
[51] **Int.Cl. 5C07D 211/32 5C07D 211/34 5A61K 31/445**  
[25] EN  
[54] **ANTITHROMBOTIC COMPOUNDS**  
[54] **COMPOSES ANTITHROMBOTIQUES**  
[72] Carr, Albert A., US  
[72] Dage, Richard C., US  
[72] Koerner, John E., US  
[72] Li, Tung, US  
[72] Miller, Francis P., US  
[72] Nieduzak, Thaddeus R., US  
[72] Dudley, Mark W., US  
[73] AVENTIS PHARMA INC., CA  
[22] 1990-12-20  
[30] US (454,497) 1989-12-21  
[30] US (604,651) 1990-11-01

[11] **2,032,899**  
[13] C  
[51] **Int.Cl. 5C08K 5/06**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF FIRE-RETARDANT EXPANDABLE THERMOPLASTIC BEADS**  
[54] **PROCEDE DE FABRICATION DE PERLES THERMOPLASTIQUES EXPANSIBLES**  
[72] Sonnenberg, Fred M., US  
[72] Hajnik, Dennis M., US  
[73] ARCO CHEMICAL TECHNOLOGY, INC., US  
[22] 1990-12-20  
[30] US (07/456,400) 1989-12-26

[11] **2,033,740**  
[13] C  
[51] **Int.Cl. 5C09J 187/00 5C09J 157/00 5B32B 27/08**  
[25] EN  
[54] **MIXTURES OF AQUEOUS POLYMER DISPERSIONS**  
[54] **MELANGES DE DISPERSIONS AQUEUSES DE POLYMERES**  
[72] Witkowski, Reiner, DE  
[72] Ganster, Otto, DE  
[72] Konigshofen, Heinrich, DE  
[72] Ostarek, Ralph, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1991-01-07  
[30] DE (P 40 02 727.9) 1990-01-31

[11] **2,033,768**  
[13] C  
[51] **Int.Cl. 5H01M 8/04**  
[25] EN  
[54] **GAS AND AIR FEED MEMBER FOR A FEED CELL BATTERY AND A FUEL CELL BATTERY**  
[54] **ELEMENT D'ALIMENTATION EN GAZ ET EN AIR DESTINE A UNE BATTERIE DE PILES D'ALIMENTATION ET A UNE BATTERIE DE PILES A COMBUSTIBLE**  
[72] Barp, Bruno, CH  
[73] SULZER BROTHERS LIMITED, CH  
[22] 1991-01-08  
[30] CH (00066/90-4) 1990-01-09

[11] **2,033,775**  
[13] C  
[51] **Int.Cl. 5B65D 81/34**  
[25] EN  
[54] **MICROWAVE COOKING BAG**  
[54] **SAC POUR CUISSON AUX MICRO-ONDES**  
[72] Mason, Charles R., US  
[72] Wyss, Clement R., US  
[72] Amini, Mary Alice, US  
[72] Lindstrom, Ted R., US  
[73] KRAFT FOODS, INC., US  
[22] 1991-01-08  
[30] US (463,751) 1990-01-12

[11] **2,034,172**  
[13] C  
[51] **Int.Cl. 5G01J 5/00 5C10J 3/72**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MEASURING TEMPERATURES INSIDE PROCESS VESSELS CONTAINING A HOSTILE ENVIRONMENT**  
[54] **APPAREIL ET METHODE DE MESURE DES TEMPERATURES A L'INTERIEUR D'ENCEINTES INDUSTRIELLES SOUS AMBIANCE HOSTILE**  
[72] Leininger, Thomas Frederick, US  
[72] Cary, Richard Dennis, US  
[72] Zachariou, Gus, US  
[73] Texaco Development Corporation, US  
[22] 1991-01-15

**Brevets canadiens délivrés  
19 mars 2002**

---

[11] **2,034,569**  
[13] C

[51] **Int.Cl. 5A61K 31/50**  
[25] EN  
[54] **ORAL PHARMACEUTICAL  
FORMS OF PIMOBENDAN**  
[54] **FORMES PHARMACEUTIQUES  
DE PIMOBENDANE POUR  
ADMINISTRATION PAR VOIE ORALE**  
[72] Gruber, Peter, CH  
[72] Roth, Willy, DE  
[72] Schepky, Gottfried, DE  
[73] Dr. Karl Thomae Gesellschaft mit  
beschränkter Haftung, DE  
[22] 1991-01-18  
[30] DE (P 40 01 622.6) 1990-01-20

---

[11] **2,034,653**  
[13] C

[51] **Int.Cl. 5A23B 4/03**  
[25] EN  
[54] **COOKED MEAT**  
[54] **VIANDE CUITE**  
[72] Berg, Svein Aage, SE  
[72] Halden, Jonas Peter, SE  
[73] Frisco-Findus AG, CH  
[22] 1991-01-21  
[30] EP (90101389.6) 1990-01-24

---

[11] **2,034,806**  
[13] C

[51] **Int.Cl. 5F17D 1/04**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR  
LE TRANSPORT ET LE TRAITEMENT  
D'UN GAZ NATUREL**  
[54] **PROCESS AND APPARATUS FOR  
TRANSPORTING AND PROCESSING  
NATURAL GAS**  
[72] Larue, Joseph, FR  
[72] Collin, Jean-Claude, FR  
[72] Minkkinen, Ari, FR  
[72] Rojey, Alexandre, FR  
[73] INSTITUT FRANCAIS DU PETROLE,  
FR  
[22] 1991-01-23  
[30] FR (90/00.757) 1990-01-23

---

---

[11] **2,041,633**  
[13] C

[51] **Int.Cl. 5F01D 5/14**  
[25] EN  
[54] **TURBOMACHINE BLADE  
FASTENING**  
[54] **FIXATION D'AUBE DE  
TURBOMACHINE**  
[72] Patel, Ashok T., US  
[73] WESTINGHOUSE ELECTRIC  
CORPORATION, US  
[22] 1991-05-01  
[30] US (517,861) 1990-05-02

---

[11] **2,043,766**  
[13] C

[51] **Int.Cl. 5A61B 6/00**  
[25] FR  
[54] **PROCEDE DE BASCULEMENT  
AVEC UN OSTEODENSIMETRE D'UN  
EXAMEN ANTERO-POSTERIEUR A UN  
EXAMEN LATERAL**  
[54] **TIPPING PROCESS WITH AN  
OSTEODENSIMETER, FROM A  
POSTEROANTERIOR TO A LATERAL  
EXAMINATION**  
[72] Pare, Christian, FR  
[72] Bonnet, Guy, FR  
[72] Fleury, Christophe, FR  
[73] SOPHA MEDICAL, FR  
[22] 1991-06-03  
[30] FR (90 06983) 1990-06-06

---

[11] **2,044,005**  
[13] C

[51] **Int.Cl. 5H04L 12/46**  
[25] EN  
[54] **INTELLIGENT NETWORK  
INTERFACE CIRCUIT**  
[54] **CIRCUIT D'INTERFACE  
INTELLIGENT POUR RESEAU**  
[72] Lucak, Mark A., US  
[72] Engdahl, Jonathan R., US  
[72] Klein, Michael T., US  
[73] ALLEN-BRADLEY COMPANY INC.,  
US  
[22] 1991-06-06  
[30] US (552,961) 1990-08-15

---

---

[11] **2,045,136**  
[13] C

[51] **Int.Cl. 5B32B 7/10 5B32B 27/00  
5C09J 7/02 5B32B 7/06 5B65D 33/18  
5B65D 65/40 5B65D 65/42**  
[25] EN  
[54] **RESEALABLE PACKAGING  
MATERIAL**  
[54] **MATERIEL DE  
CONDITIONNEMENT A SCELLEMENT  
REPETE**  
[72] Straus, Steven J., US  
[72] Zuscik, Edward J., US  
[72] Bower, William Ben, US  
[72] Yanidis, Apostol, US  
[73] PRINTPACK ILLINOIS, INC., US  
[85] 1991-07-08  
[86] 1990-01-05 (PCT/US1990/000101)  
[87] (WO1990/007427)  
[30] US (295,077) 1989-01-09

---

[11] **2,047,347**  
[13] C

[51] **Int.Cl. 5C07D 501/59 5C07F 7/10  
5C07F 7/22 5A61K 31/545 5C07F 9/6561  
5A61K 31/695**  
[25] EN  
[54] **THIOALKYLTHIO  
CEPHALOSPORINS DERIVATIVES**  
[54] **DERIVES THIOALKYLTHIO DE  
CEPHALOSPORINES**  
[72] Kubota, Tadatoshi, JP  
[72] Kume, Masaharu, JP  
[73] SHIONOGI & CO., LTD., JP  
[22] 1991-07-18  
[30] JP (191889/1990) 1990-07-19  
[30] JP (289772/1990) 1990-10-25  
[30] JP (319578/1990) 1990-11-21  
[30] JP (147357/1991) 1991-06-19

---

[11] **2,049,233**  
[13] C

[51] **Int.Cl. 5A61B 17/00**  
[25] EN  
[54] **SURGICAL DEVICE**  
[54] **INSTRUMENT CHIRURGICAL**  
[72] Sjostrom, Douglas Dana, US  
[73] SMITH & NEPHEW, INC., US  
[22] 1991-08-15  
[30] US (569,082) 1990-08-17

---

Canadian Patents Issued  
March 19, 2002

---

[11] **2,050,331**  
[13] C  
[51] **Int.Cl. 5C07D 207/34 5C07H 13/00**  
**5C07D 401/14 5A61K 31/40 5A61K 31/47**  
[25] EN  
[54] **UREIDO DERIVATIVES OF POLY-4-AMINO-2-CARBOXY-1-METHYL COMPOUNDS**  
[54] **DERIVES UREIDO DE COMPOSES POLY-4-AMINO-2-CARBOXY-1-METHYLE**  
[72] Mongelli, Nicola, IT  
[72] Biasoli, Giovanni, IT  
[72] Paio, Alfredo, IT  
[72] Grandi, Maria, IT  
[72] Ciomei, Marina, IT  
[73] PHARMACIA & UPJOHN S.p.A., IT  
[85] 1991-09-03  
[86] 1991-01-07 (PCT/EP1991/000014)  
[87] (WO1991/010649)  
[30] GB (9000644.6) 1990-01-11

---

[11] **2,052,612**  
[13] C  
[51] **Int.Cl. 5F16G 13/02**  
[25] EN  
[54] **TRANSMISSION CHAIN STRUCTURE**  
[54] **STRUCTURE DE CHAINE DE TRANSMISSION**  
[72] Tuomikoski, Pekka, FI  
[73] Ketjumynty Tuomikoski Ky, FI  
[22] 1991-10-02  
[30] FI (904864) 1990-10-03

---

[11] **2,054,514**  
[13] C  
[51] **Int.Cl. 5B43M 3/04 5B65B 39/12**  
[25] EN  
[54] **ENVELOPE STUFFING APPARATUS**  
[54] **APPAREIL D'INSERTION DE DOCUMENTS EN ENVELOPPE**  
[72] Hotchkiss, Alan B., US  
[72] Malick, Shahzad H., US  
[73] PITNEY BOWES INC., US  
[22] 1991-10-30  
[30] US (608,515) 1990-11-02

---

---

[11] **2,054,515**  
[13] C  
[51] **Int.Cl. 5B43M 3/04 5B65B 35/58**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CHANGING THE DIRECTION OF MOTION OF FLAT ARTICLES**  
[54] **APPAREIL SERVANT A MODIFIER LE SENS DE DEPLACEMENT D'ARTICLES PLATS ET METHODE CONNEXE**  
[72] Malick, Shahzad H., US  
[73] PITNEY BOWES INC., US  
[22] 1991-10-30  
[30] US (608,512) 1990-11-02

---

[11] **2,055,912**  
[13] C  
[51] **Int.Cl. 5C07H 17/08 5A61K 31/71**  
[25] FR  
[54] **NOUVEAUX DERIVES DE L'ERYTHROMYCINE, LEUR PROCEDE DE PREPARATION, LES NOUVEAUX INTERMEDIAIRES OBTENUS ET LEUR APPLICATION COMME MEDICAMENTS**  
[54] **NOVEL ERYTHROMYCIN DERIVATIVES, THEIR PREPARATION PROCESS, THE NEW INTERMEDIATED OBTAINED AND THEIR APPLICATION AS DRUGS**  
[72] Agouridas, Constantin, FR  
[72] Benedetti, Yannick, FR  
[72] Chantot, Jean-François, FR  
[72] Denis, Alexis, FR  
[72] Fromentin, Claude, FR  
[72] Le Martret, Odile, FR  
[73] HOECHST MARION ROUSSEL, FR  
[22] 1991-11-20  
[30] FR (90 14 499) 1990-11-21  
[30] FR (91 06 333) 1991-05-27  
[30] FR (91 10 728) 1991-08-29

---

[11] **2,056,193**  
[13] C  
[51] **Int.Cl. 5H01R 4/02 5H05B 3/84**  
[25] FR  
[54] **PIECES DE CONNEXION POUR VITRAGES ELECTRIFIES**  
[54] **CONNECTION PIECE FOR ELECTRIFIED GLAZING**  
[72] Dechoux, Jean-Luc, FR  
[73] SAINT-GOBAIN VITRAGE INTERNATIONAL, FR  
[22] 1991-11-26  
[30] FR (90 15082) 1990-11-30

---

---

[11] **2,056,214**  
[13] C  
[51] **Int.Cl. 5A47B 88/10 5A47B 88/04**  
[25] EN  
[54] **BALL CAGE FOR A TELESCOPIC RAIL, COMPRISING A CAGE BUFFER**  
[54] **CAGE A BILLES POUR UN RAIL TELESCOPIQUE, COMPRENANT UN COUSSIN DE CAGE**  
[72] Wojcik, Hendricus Tadeusz, NL  
[73] THOMAS REGOUT N.V., NL  
[22] 1991-11-26  
[30] NL (9002568) 1990-11-26

---

[11] **2,056,674**  
[13] C  
[51] **Int.Cl. 5C11D 3/08 5C11D 3/04 5C11D 17/06 5C11D 3/10**  
[25] FR  
[54] **AGENT "BUILDER" A BASE DE SILICATE DE METAUX ALCALINS POUR COMPOSITIONS DETERGENTES**  
[54] **ALKALINE METAL SILICATE BASED BUILDER FOR DETERGENT COMPOSITIONS**  
[72] Boittiaux, Patrick, FR  
[72] Jouber, Daniel, FR  
[72] Kiefer, Jean-Claude, FR  
[72] Le Roux, Jérôme, FR  
[73] RHODIA CHIMIE, FR  
[22] 1991-11-29  
[30] FR (90 14 999) 1990-11-30  
[30] FR (91 07 710) 1991-06-24

---

[11] **2,058,835**  
[13] C  
[51] **Int.Cl. 5A61K 9/107 5A61K 31/12**  
[25] EN  
[54] **STABLE PHARMACEUTICAL COMPOSITION AND METHOD FOR ITS PRODUCTION**  
[54] **COMPOSITION PHARMACEUTIQUE STABLE ET METHODE POUR LA PREPARER**  
[72] Yano, Yoshiaki, JP  
[72] Masuda, Shigeki, JP  
[72] Hidaka, Takayoshi, JP  
[73] Kanegafuchi Kagaku Kogyo Kabushiki Kaisha, JP  
[22] 1992-01-07  
[30] JP (12737/1991) 1991-01-09  
[30] JP (12738/1991) 1991-01-09

---

**Brevets canadiens délivrés  
19 mars 2002**

---

[11] **2,058,911**  
[13] C

[51] **Int.Cl. 5D01D 5/04 5D01F 9/10**  
[25] EN  
[54] **SPINNING NOZZLE, A PROCESS FOR PREPARING A FIBER PRECURSOR OF METAL COMPOUND, AND A PROCESS FOR PREPARING A FIBER OF METAL COMPOUND USING THE SAME**  
[54] **BEC ROTATIF, PROCEDE DE PREPARATION D'UN PRECURSEUR DE FIBRE D'UN COMPOSE METALLIQUE, ET PROCEDE DE PREPARATION D'UNE FIBRE DE COMPOSE METALLIQUE A L'AIDE DU PREMIER PROCEDE**  
[72] Shoji, Mamoru, JP  
[72] Maeda, Hiroshi, JP  
[73] MITSUBISHI CHEMICAL CORPORATION, JP  
[22] 1992-01-07  
[30] JP (17108/1991) 1991-01-17  
[30] JP (353735/1991) 1991-12-18

---

[11] **2,059,732**  
[13] C

[51] **Int.Cl. 5F21V 7/22 5G02B 5/12**  
[25] EN  
[54] **REFLECTOR FOR A SURFACE LIGHT SOURCE**  
[54] **REFLECTEUR POUR SOURCE LUMINEUSE DE SURFACE**  
[72] Miyakawa, Katsutoshi, JP  
[72] Tsunashima, Kenji, JP  
[72] Aoki, Seizo, JP  
[73] TORAY INDUSTRIES, INC., JP  
[22] 1992-01-21  
[30] JP (3-20328) 1991-01-22  
[30] JP (3-63517) 1991-03-27

---

[11] **2,060,098**  
[13] C

[51] **Int.Cl. 5H04J 14/02**  
[25] FR  
[54] **PROCEDE ET RESEAU DE COMMUNICATION SUR FIBRES OPTIQUES AVEC MULTIPLEXAGE EN FREQUENCES**  
[54] **FREQUENCY MULTIPLEX OPTICAL FIBRE COMMUNICATION PROCESS AND NETWORK**  
[72] Audouin, Olivier, FR  
[72] Gabriagues, Jean-Michel, FR  
[72] Sotom, Michel, FR  
[73] ALCATEL N.V., NL  
[22] 1992-01-23  
[30] FR (91 00 791) 1991-01-24

---

---

[11] **2,060,156**  
[13] C

[51] **Int.Cl. 5B26D 1/00 5B26D 1/14**  
[25] EN  
[54] **FOOD CUTTING MACHINE**  
[54] **MACHINE POUR TRANCHER DES ALIMENTS**  
[72] Nugent, Duane C., US  
[73] Nugent, Duane C., US  
[22] 1992-01-28  
[30] US (653,001) 1991-02-08

---

[11] **2,062,727**  
[13] C

[51] **Int.Cl. 5C08F 299/00 5H01B 5/16 5H01B 7/28 5H01B 3/30 5H01B 7/30 5H01B 7/34**  
[25] EN  
[54] **FLUOROPOLYMER BLENDS**  
[54] **MELANGES DE FLUOROPOLYMERES**  
[72] Barrett, Leonard, US  
[73] TYCO ELECTRONICS CORPORATION, US  
[85] 1991-12-16  
[86] 1990-08-02 (PCT/US1990/004345)  
[87] (WO1991/002770)  
[30] US (395,222) 1989-08-17

---

[11] **2,062,950**  
[13] C

[51] **Int.Cl. 5C09J 5/00 5C09J 171/00 5C09J 175/04**  
[25] EN  
[54] **ADHESIVE STICK WITH IMPROVED ADHESIVE STRENGTH**  
[54] **BATON ADHESIF AVEC FORCE D'ADHESION AMELIOREE**  
[72] Gierenz, Gerhard, DE  
[72] Klauck, Wolfgang, DE  
[72] Hofer, Rainer, DE  
[72] Gruetzmacher, Roland, DE  
[73] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1991-12-23  
[86] 1990-06-21 (PCT/EP1990/000982)  
[87] (WO1991/000322)  
[30] DE (P 39 21 554.7) 1989-06-30

---

---

[11] **2,064,750**  
[13] C

[51] **Int.Cl. 5C08L 51/06 5C08L 45/00 5C08L 77/02 5C08L 23/08 5C08K 5/17**  
[25] EN  
[54] **POLYOLEFIN RESIN COMPOSITION**  
[54] **COMPOSITION DU TYPE RESINE DE POLYOLEFINE**  
[72] Moriya, Satoru, JP  
[72] Ishimoto, Akio, JP  
[72] Takahashi, Mamoru, JP  
[73] MITSUI CHEMICALS INC., JP  
[85] 1992-01-30  
[86] 1991-06-05 (PCT/JP1991/000756)  
[87] (WO1991/018948)  
[30] JP (148,169/1990) 1990-06-06

---

[11] **2,064,805**  
[13] C

[51] **Int.Cl. 5H01J 29/62 5H01J 29/51**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING DYNAMIC CONVERGENCE OF A PLURALITY OF ELECTRON BEAMS OF A COLOR CATHODE RAY TUBE**  
[54] **METHODE ET APPAREIL DE COMMANDE DE LA CONVERGENCE DYNAMIQUE DES FAISCEAUX D'ELECTRONS D'UN TUBE A RAYONS CATHODIQUES COULEUR**  
[72] Chen, Hsing-Yao, US  
[72] Gorski, Richard M., US  
[72] Babicz, Eugene A., US  
[73] Zenith Electronics Corporation, US  
[85] 1992-02-10  
[86] 1990-08-10 (PCT/US1990/004556)  
[87] (WO1991/002373)  
[30] US (392,630) 1989-08-11  
[30] US (521,505) 1990-05-10

---

[11] **2,066,072**  
[13] C

[51] **Int.Cl. 5F16G 1/12**  
[25] EN  
[54] **ELASTOMERIC DRIVE BELT**  
[54] **COURROIE D'ENTRAINEMENT EN ELASTOMERE**  
[72] Haines, Edwin Lee, US  
[73] Goodyear Tire and Rubber Company (The), US  
[22] 1992-04-15  
[30] US (832,139) 1992-02-06

---

Canadian Patents Issued  
March 19, 2002

[11] 2,066,770  
[13] C

[51] **Int.Cl. 5C08F 2/34**  
[25] EN  
[54] **PROCESS FOR PRODUCING POLYOLEFIN**  
[54] **PROCEDE POUR LA PRODUCTION DE POLYOLEFINE**  
[72] Sano, Yasuhiko, JP  
[72] Yamaguchi, Yoshihisa, JP  
[72] Suga, Shinjiro, JP  
[72] Morikawa, Masatoshi, JP  
[72] Kubo, Kunimichi, JP  
[72] Watanabe, Motokazu, JP  
[73] NIPPON PETROCHEMICALS COMPANY, LIMITED, JP  
[85] 1992-03-26  
[86] 1991-07-26 (PCT/JP1991/001010)  
[87] (WO1992/002563)  
[30] JP (2-200008) 1990-07-27  
[30] JP (2-232723) 1990-09-03  
[30] JP (2-200010) 1990-07-27  
[30] JP (2-200009) 1990-07-27

[11] 2,067,733  
[13] C

[51] **Int.Cl. 5A61K 31/155 5A61K 47/38**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF A TABLET OR DRAGEE COMPOSITION CONTAINING A HEAT-, LIGHT- AND MOISTURE-SENSITIVE ACTIVE INGREDIENT HAVING MONOCLINIC CRYSTAL STRUCTURE**  
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION EN COMPRIMES OU EN DRAGEES CONTENANT UN PRINCIPE ACTIF SENSIBLE A LA CHALEUR, A LA LUMIERE ET A L'HUMIDITE AYANT UNE STRUCTURE CRISTALLINEMONOCLONIQUE**  
[72] Kovács, István, HU  
[72] Beke, Katalin, HU  
[72] Maté, Tibor, HU  
[72] Szilágyi, Judit, HU  
[72] Bacsa, György, HU  
[72] Marossy, Katalin, HU  
[72] Jancsó, Sándor, HU  
[72] Szendrei, Levente, HU  
[72] Biblo, Margit, HU  
[72] Orbán, Ernő, HU  
[72] Simó, Margit, HU  
[72] Bobák, Dorottya, HU  
[72] Langó, József, HU  
[73] BIOGAL GYOGYSZERGYAR RT, HU  
[85] 1992-04-16  
[86] 1991-09-23 (PCT/HU1991/000039)  
[87] (WO1992/003126)  
[30] HU (5314/90) 1990-08-24

[11] 2,070,349  
[13] C

[51] **Int.Cl. 5B32B 27/10 5B29C 47/06**  
[25] EN  
[54] **OXYGEN AND FLAVOR BARRIER LAMINATE INCLUDING AMORPHOUS NYLON**  
[54] **PRODUIT D'EMBALLAGE LAMINE, INCLUANT DU NYLON AMORPHE, OFFRANT UNE BARRIERE CONTRE LA PENETRATION DE L'OXYGENE ET LA PERTE DES SAVEURS**  
[72] Parks, Christopher J., US  
[72] Massouda, Debora F., US  
[73] Westvaco Corporation, US  
[22] 1992-06-03  
[30] US (721,813) 1991-06-26  
[30] US (875,452) 1992-03-29

[11] 2,073,349  
[13] C

[51] **Int.Cl. 5A61B 19/00 5A61F 2/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ARTHROSCOPIC PROSTHETIC KNEE REPLACEMENT**  
[54] **METHODE ET APPAREIL POUR REMPLACER UN GENOU PROTHETIQUE SOUS ARTHROSCOPIE**  
[72] Caspari, Richard B., US  
[72] Roberts, Jeffrey G., US  
[72] Treace, James T., US  
[73] Zimmer, Inc., US  
[85] 1992-07-07  
[86] 1991-01-07 (PCT/US1991/000115)  
[87] (WO1991/010408)  
[30] US (462,529) 1990-01-08

[11] 2,073,508  
[13] C

[51] **Int.Cl. 5B29C 67/00 5B29C 69/02 5A61M 29/02**  
[25] EN  
[54] **METHODS OF MAKING BALLOON CATHETERS**  
[54] **METHODES DE FABRICATION DE SONDES A BALLONNET**  
[72] Conway, Anthony J., US  
[72] Conway, Philip J., US  
[72] Fryar, Richard D., Jr., US  
[73] Rochester Medical Corporation, US  
[85] 1992-07-08  
[86] 1991-01-08 (PCT/US1991/000146)  
[87] (WO1991/010556)  
[30] US (462,832) 1990-01-10

[11] 2,073,683  
[13] C

[51] **Int.Cl. 5B21B 27/06**  
[25] EN  
[54] **SYSTEM AND PROCESS FOR FORMING THIN FLAT HOT ROLLED STEEL STRIP**  
[54] **SYSTEME ET PROCEDE POUR FORMER UNE MINCE BANDE D'ACIER LAMINE A CHAUD**  
[72] Rostik, Libor F., US  
[72] Schmelzle, Lloyd M., US  
[72] Fink, Peter, DE  
[72] Figge, Dieter, DE  
[73] Mannesmann Aktiengesellschaft, DE  
[73] Chaparral Steel Company, US  
[85] 1992-07-10  
[86] 1991-08-16 (PCT/US1991/005857)  
[87] (WO1992/008557)  
[30] US (612,420) 1990-11-13

[11] 2,073,972  
[13] C

[51] **Int.Cl. 5A61K 7/06**  
[25] EN  
[54] **HAIR SPRAY PACKAGE WITH LOW VOLATILE ORGANIC COMPOUND EMISSION**  
[54] **CONTENANT DE FIXATIF POUR LES CHEVEUX A FAIBLE EMISSION DE COMPOSE ORGANIQUE VOLATILE**  
[72] Sramek, John A., US  
[73] S. C. JOHNSON & SON, INC., US  
[85] 1992-07-15  
[86] 1991-01-11 (PCT/US1991/000239)  
[87] (WO1991/010420)  
[30] US (464,796) 1990-01-16

[11] 2,074,293  
[13] C

[51] **Int.Cl. 5A61K 7/11**  
[25] EN  
[54] **WATER-BASED HAIR FIXATIVE COMPOSITION**  
[54] **FIXATIF AQUEUX POUR LES CHEVEUX**  
[72] Horoschak, John R., US  
[72] Wallace, Paul S., US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1992-07-21  
[30] US (07/735,578) 1991-07-25

**Brevets canadiens délivrés  
19 mars 2002**

[11] **2,074,937**  
[13] C

[51] **Int.Cl. 5C08F 297/08 5C10L 1/16**  
[25] EN  
[54] **FUEL OIL COMPOSITIONS AND ADDITIVES**  
[54] **MAZOUTS ET ADDITIFS**  
[72] McAleer, Andrew M., GB  
[72] Tack, Robert D., US  
[72] Ibrahim, Tuncel, GB  
[73] EXXONMOBIL CHEMICAL PATENTS INC., US  
[85] 1992-07-29  
[86] 1991-01-31 (PCT/GB1991/000147)  
[87] (WO1991/011469)  
[30] GB (9002134.6) 1990-01-31

[11] **2,074,953**  
[13] C

[51] **Int.Cl. 5C08L 23/08 5C10L 1/16**  
[25] EN  
[54] **FUEL OIL ADDITIVES AND COMPOSITIONS**  
[54] **ADDITIFS POUR MAZOUT ET COMPOSITIONS**  
[72] McAleer, Andrew Matthew, GB  
[72] Yearwood, Gerald Peter, GB  
[73] EXXONMOBIL CHEMICAL PATENTS INC., US  
[85] 1992-07-29  
[86] 1991-01-31 (PCT/GB1991/000148)  
[87] (WO1991/011488)  
[30] GB (9002133.8) 1990-01-31

[11] **2,078,885**  
[13] C

[51] **Int.Cl. 5A61K 31/245 5A61K 47/32 5A61K 47/36 5A61K 9/70**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING AMETHOCAINE**  
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE L'AMETHOCAINE**  
[72] Boardman, David Graham, GB  
[72] Maughan, Kevin, GB  
[73] T J SMITH & NEPHEW LIMITED, GB  
[85] 1992-09-22  
[86] 1992-01-29 (PCT/GB1992/000170)  
[87] (WO1992/013533)  
[30] GB (9101986.9) 1991-01-30

[11] **2,079,548**  
[13] C

[51] **Int.Cl. 5C07D 487/04 5C07D 491/06 5A61K 31/40 5A61K 31/55**  
[25] EN  
[54] **CARBAMATE DERIVATIVES OF 4-AMINO-3- ISOXAZOLIDINONES, 3-AMINO-1- HYDROXYPYRROLIDIN-2-ONES AND 1-AMINO-1- CYCLOPROPANECARBOXYLIC ACID ANALOGS, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **DERIVES CARBAMATE DE 4-AMINO-3-ISOXAZOLIDINONES, 3-AMINO-1-HYDROXYPYRROLIDIN-2-ONES ET D'ANALOGUES DE L'ACIDE 1-AMINO-1- CYCLOPROPANECARBOXYLIQUE, PROCEDE POUR LEUR PREPARATION, ET LEUR UTILISATION EN TANT QUE MEDICAMENTS**  
[72] Flanagan, Denise Mary, US  
[72] Martin, Lawrence Leo, US  
[73] HOECHST MARION ROUSSEL, INC., US  
[22] 1992-09-30  
[30] US (769,268) 1991-10-01

[11] **2,081,241**  
[13] C

[51] **Int.Cl. 5B65H 19/22**  
[25] EN  
[54] **DEVICE FOR WINDING WEBS OF MATERIAL ONTO WINDING SHAFTS**  
[54] **DISPOSITIF D'ENROULEMENT SUR ARBRE**  
[72] Kammann, Rolf, DE  
[72] Kamlage, Wolfgang, DE  
[72] Bauer, Christoph, DE  
[73] Windmoller & Holscher, DE  
[22] 1992-10-23  
[30] DE (P 41 35 163.0) 1991-10-24  
[30] DE (P 42 00 478.0) 1992-01-10

[11] **2,081,464**  
[13] C

[51] **Int.Cl. 5A61B 17/39**  
[25] EN  
[54] **TEMPERATURE CONTROLLED RF COAGULATION**  
[54] **COAGULATION A L'AIDE D'UN APPAREIL DE CONTROLE DE LA TEMPERATURE PAR LA RADIOFREQUENCE**  
[72] Lennox, Charles D., US  
[73] BOSTON SCIENTIFIC CORPORATION, US  
[85] 1992-10-26  
[86] 1991-04-26 (PCT/US1991/002898)  
[87] (WO1991/016859)  
[30] US (515,850) 1990-04-27

[11] **2,084,082**  
[13] C

[51] **Int.Cl. 5C07D 211/18 5A61K 31/445**  
[25] EN  
[54] **1-PYPERIDINYL ALKANOYLARYLSULFONAMIDE DERIVATIVES**  
[54] **DERIVES DU 1-PYPERIDINYLALKANOYLARYLSULFONAMIDE**  
[72] Carr, Albert A., US  
[72] Dage, Richard C., US  
[72] Nieduzak, Thaddeus R., US  
[72] Koerner, John E., US  
[72] Li, Tung, US  
[73] MERRELL PHARMACEUTICALS INC., US  
[85] 1992-11-27  
[86] 1991-05-15 (PCT/US1991/003323)  
[87] (WO1991/018603)  
[30] US (534,784) 1990-06-07

[11] **2,085,578**  
[13] C

[51] **Int.Cl. 5D01F 6/70**  
[25] EN  
[54] **ELASTIC POLYURETHANE FIBER**  
[54] **FIBRE DE POLYURETHANNE ELASTIQUE**  
[72] Hirai, Koji, JP  
[72] Ishiguro, Michihiro, JP  
[72] Oshita, Tatuya, JP  
[72] Yamashita, Setuo, JP  
[72] Maeda, Katsura, JP  
[72] Komiya, Yukiatsu, JP  
[73] Kuraray Co., Ltd., JP  
[85] 1992-12-16  
[86] 1992-04-24 (PCT/JP1992/000539)  
[87] (WO1992/019800)  
[30] JP (124839/1991) 1991-04-26

Canadian Patents Issued  
March 19, 2002

[11] 2,088,909  
[13] C

[51] Int.Cl. 5A61K 31/70 5A61K 7/06  
5A61K 31/155 5A61K 31/195  
[25] EN  
[54] ENZYMIC ALTERATION OF HAIR  
GROWTH  
[54] MODIFICATION ENZYMATIQUE  
DE LA CROISSANCE DES CHEVEUX  
[72] Shander, Douglas, US  
[72] Harrington, F. Eugene, US  
[72] Ahluwalia, Gurpreet S., US  
[73] THE GILLETTE COMPANY, US  
[85] 1993-02-04  
[86] 1991-08-12 (PCT/US1991/005721)  
[87] (WO1992/003140)  
[30] US (567,018) 1990-08-14

[11] 2,092,137  
[13] C

[51] Int.Cl. 5C08G 77/04 5B01J 19/08  
5C23C 14/30 5C08G 77/32  
[25] FR  
[54] COMPOSITIONS A BASE DE  
POLYORGANOSILOXANES A  
GROUPEMENTS FONCTIONNELS  
RETICULABLES ET LEUR  
UTILISATION POUR LA  
REALISATION DE REVETEMENTS  
ANTI-ADHESIFS  
[54] COMPOSITIONS CONTAINING  
POLYORGANOSILOXANES WITH  
CURABLE FUNCTIONAL GROUPS  
AND USE THEREOF FOR PRODUCING  
NONADHERENT COATINGS  
[72] Cavezzan, Jacques, FR  
[72] Priou, Christian, FR  
[73] RHODIA CHIMIE, FR  
[22] 1993-03-22  
[30] FR (92 03 441) 1992-03-23

[11] 2,092,217  
[13] C

[51] Int.Cl. 5G06F 15/60  
[25] EN  
[54] DESIGNING A THREE-  
DIMENSIONAL FREE-FORM  
SURFACE  
[54] METHODE DE CONCEPTION DE  
SURFACE TRIDIMENSIONNELLE  
SANS STRUCTURE IMPOSEE ET  
APPAREIL SERVANT A LA MISE EN  
OEUVRE DE LADITE METHODE  
[72] Takezawa, Kunio, JP  
[73] NATIONAL INSTITUTE FOR AGRO-  
ENVIRONMENTAL SCIENCES, JP  
[22] 1993-03-23  
[30] JP (324576/1992) 1992-10-22

[11] 2,092,240  
[13] C

[51] Int.Cl. 5H04B 1/10  
[25] EN  
[54] FRACTIONALLY SPACED  
MAXIMUM LIKELIHOOD SEQUENCE  
ESTIMATION RECEIVER  
[54] RECEPTION A ESTIMATION DE  
SEQUENCE DE MAXIMUM DE  
VRAISEMBLANCE  
[72] WAN, Yongbing, CA  
[72] LIU, Qingli, CA  
[72] SENDYK, Andrew, CA  
[73] HARRIS CORPORATION, US  
[22] 1993-03-23  
[30] US (07/856,526) 1992-03-24

[11] 2,095,037  
[13] C

[51] Int.Cl. 5C11D 1/28 5C11D 11/04  
5C11D 3/395  
[25] EN  
[54] IMPROVING THE COLOR OF  
SURFACTANT AGGLOMERATES BY  
ADMIXING A SOLID BLEACHING  
AGENT  
[54] AMELIORATION DE LA  
COULEUR D'AGGLOMERATS  
TENSIO-ACTIFS PAR L'ADDITION  
D'UN AGENT DE BLANCHIMENT  
SOLIDE  
[72] Vega, Jose L., BE  
[72] Goovaerts, Lucas, BE  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1993-04-27  
[86] 1991-10-21 (PCT/US1991/007758)  
[87] (WO1992/007926)  
[30] EP (90202886.9) 1990-10-30

[11] 2,097,381  
[13] C

[51] Int.Cl. 5B61L 23/02 5G01K 13/06  
5B61L 1/10  
[25] EN  
[54] WHEEL-ASSEMBLY MONITOR  
FOR DIAGNOSING PASSING  
RAILROAD TRAINS  
[54] DISPOSITIF PERMETTANT  
D'ETABLIR LE BILAN THERMIQUE  
DES ROUES D'UN MOBILE SUR RAIL  
[72] Wetzler, Gerd R., DE  
[73] Rabotek Industrie-Computer GmbH, DE  
[22] 1993-05-31  
[30] DE (P 42 17 681.6) 1992-05-29

[11] 2,099,779  
[13] C

[51] Int.Cl. 6C07K 19/00 6A61K 38/16  
5A61K 39/395  
[25] EN  
[54] MIXED SPECIFICITY FUSION  
PROTEINS  
[54] PROTEINES HYBRIDES DE  
SPECIFICITE MELANGEE  
[72] Aruffo, Alejandro A., US  
[72] Linsley, Peter S., US  
[72] Ledbetter, Jeffrey A., US  
[72] Damle, Nitin K., US  
[72] Fell, H. Perry Jr., US  
[73] BRISTOL-MYERS SQUIBB  
COMPANY, US  
[85] 1993-06-29  
[86] 1992-01-24 (PCT/US1992/000616)  
[87] (WO1992/012994)  
[30] US (07/645,522) 1991-01-24

[11] 2,101,076  
[13] C

[51] Int.Cl. 5C07H 15/04 5C07H 15/18  
[25] EN  
[54] GLYCOSPHINGOLIPIDS  
[54] GLYCOSPHINGOLIPIDES  
[72] Kawahara, Kazuyoshi, JP  
[73] KIBUN FOOD CHEMIFA CO., LTD.,  
JP  
[73] Kitasato Institute (The), JP  
[85] 1993-07-21  
[86] 1992-01-23 (PCT/JP1992/000055)  
[87] (WO1992/012986)  
[30] JP (6344/1991) 1991-01-23

[11] 2,105,793  
[13] C

[51] Int.Cl. 5A61K 9/28 5A23K 1/18  
[25] EN  
[54] PROCESS FOR PRODUCING  
COMPOSITIONS FOR RUMINANTS  
[54] PROCEDE DE PRODUCTION DE  
COMPOSITIONS POUR RUMINANTS  
[72] Yokomori, Yorozu, JP  
[72] Murayama, Toshikazu, JP  
[72] Masada, Tomoaki, JP  
[72] Ohta, Motohiro, JP  
[72] Azuma, Masaki, JP  
[72] Yumiba, Yoshio, JP  
[73] KYOWA HAKKO KOGYO CO., LTD.,  
JP  
[22] 1993-09-09  
[30] JP (243157/92) 1992-09-11

**Brevets canadiens délivrés  
19 mars 2002**

---

[11] **2,106,975**  
[13] C

[51] **Int.Cl. 5A61K 9/72**  
[25] EN  
[54] **PROCESS FOR CONDITIONING OF WATER-SOLUBLE SUBSTANCES**  
[54] **PROCEDE DE CONDITIONNEMENT DE SUBSTANCES HYDROSOLUBLES**  
[72] Trofast, Jan, SE  
[72] Trofast, Eva, SE  
[72] Byström, Katarina, SE  
[72] Jakupovic, Edib, SE  
[73] Aktiebolaget Astra, SE  
[85] 1993-09-24  
[86] 1992-03-24 (PCT/SE1992/000186)  
[87] (WO1992/018110)  
[30] SE (9101090-0) 1991-04-11

---

[11] **2,108,582**  
[13] C

[51] **Int.Cl. 5G06F 3/14**  
[25] EN  
[54] **HEAD-MOUNTED IMAGE DISPLAY APPARATUS**  
[54] **APPAREIL D’AFFICHAGE D’IMAGES MONTE SUR LA TETE**  
[72] Torizuka, Masami, JP  
[72] Muraoka, Yoshiro, JP  
[72] Nakamura, Renshi, JP  
[73] SONY CORPORATION, JP  
[22] 1993-10-18  
[30] JP (P04-289200) 1992-10-28

---

[11] **2,109,684**  
[13] C

[51] **Int.Cl. 5F16K 31/46**  
[25] EN  
[54] **FAUCET CONTROL DEVICE**  
[54] **COMMANDE DE ROBINET**  
[72] PUBBEN, Peter A., CA  
[73] INTEGRA DYNAMICS INC., CA  
[22] 1993-11-22

---

---

[11] **2,110,433**  
[13] C

[51] **Int.Cl. 5G01V 3/38 5G01V 3/08 5G01V 3/40**  
[25] EN  
[54] **MAGNETIC CARTOGRAPHY PROCESS AND APPARATUS**  
[54] **PROCEDE DE CARTOGRAPHIE MAGNETIQUE, ET APPAREIL CONNEXE**  
[72] Blanpain, Roland, FR  
[72] Flament, Bruno, FR  
[73] COMMISSARIAT A L’ENERGIE ATOMIQUE, FR  
[22] 1993-12-01  
[30] FR (92 15042) 1992-12-14

---

[11] **2,111,279**  
[13] C

[51] **Int.Cl. 5C09K 17/00 5B09B 3/00 5G21F 9/30**  
[25] EN  
[54] **IN-SITU REMEDIATION OF CONTAMINATED SOILS**  
[54] **ACTION CORRECTIVE IN SITU DE SOLS CONTAMINES**  
[72] Ho, Sa V., US  
[72] Brodsky, Philip H., US  
[73] MONSANTO COMPANY, US  
[22] 1993-12-13  
[30] US (07/989,674) 1992-12-14  
[30] US (08/020,315) 1993-02-19  
[30] US (08/149,828) 1993-11-17

---

[11] **2,112,784**  
[13] C

[51] **Int.Cl. 5E01C 23/16**  
[25] EN  
[54] **APPARATUS FOR THE DISTRIBUTION OF PARTICULATE MATERIAL UPON A SURFACE**  
[54] **APPAREIL POUR LA REPARTITION DE MATIERE PARTICULAIRE SUR UNE SURFACE**  
[72] Laroche, Pierre, BE  
[72] Cherton, Yvan, BE  
[73] GLAVERBEL, BE  
[22] 1994-01-04  
[30] GB (9300030.5) 1993-01-04

---

---

[11] **2,118,179**  
[13] C

[51] **Int.Cl. 5H04N 9/68**  
[25] EN  
[54] **CIRCUIT AND METHOD FOR CONTROLLING CHROME TRANSIENTS**  
[54] **CIRCUIT ET METHODE DE REDUCTION DES TRANSITOIRES DE CHROMINANCE**  
[72] Rzeszewski, Theodore S., US  
[73] Matsushita Electric Corporation of America, US  
[22] 1994-10-14

---

[11] **2,125,118**  
[13] C

[51] **Int.Cl. 5F23D 3/16**  
[25] EN  
[54] **REUSABLE CANDLE**  
[54] **CHANDELLE REUTILISABLE**  
[72] Auger, Gérard, CA  
[73] DANNY MACLEA, CA  
[73] JODY MACLEA, CA  
[22] 1994-06-03

---

[11] **2,128,078**  
[13] C

[51] **Int.Cl. 6A61K 38/01 5A23L 1/305**  
[25] EN  
[54] **NUTRITIONAL PRODUCT FOR TRAUMA AND SURGERY PATIENTS**  
[54] **PRODUIT ALIMENTAIRE POUR PATIENTS AYANT SUBI UN TRAUMATISME OU UNE INTERVENTION CHIRURGICALE**  
[72] Henningfield, Mary F., US  
[72] McEwan, John W., US  
[72] Miller, Robert H., US  
[73] ABBOTT LABORATORIES, US  
[85] 1994-07-25  
[86] 1993-02-08 (PCT/US1993/001100)  
[87] (WO1993/016595)  
[30] US (840,972) 1992-02-26

---

Canadian Patents Issued  
March 19, 2002

[11] **2,128,287**  
[13] C  
[51] Int.Cl. 5C07D 235/02 5C07D 495/10  
5C07D 491/107 5A61K 31/415  
[25] FR  
[54] NOUVEAUX DERIVES DE  
BENZOSPIROALCENE LEUR  
PROCEDE DE PREPARATION ET LES  
COMPOSITIONS  
PHARMACEUTIQUES QUI LES  
CONTIENNENT  
[54] BENZOSPIROALKENE  
DERIVATIVES, THEIR PREPARATION  
PROCESS AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING THEM  
[72] Cordi, Alex, FR  
[72] Lacoste, Jean-Michel, FR  
[72] Laubie, Michel, FR  
[72] Verbeuren, Tony, FR  
[72] Descombes, Jean-Jacques, FR  
[73] LES LABORATOIRES SERVIER, FR  
[22] 1994-07-18  
[30] FR (93.08860) 1993-07-20

[11] **2,128,359**  
[13] C  
[51] Int.Cl. 5C07D 235/02 5C07D 495/10  
5C07D 498/10 5C07D 513/10 5C07D 491/  
107 5A61K 31/41 5C07D 263/52 5C07D  
277/60  
[25] FR  
[54] NOUVEAUX DERIVES DE  
BENZOSPIROALCENE LEUR  
PROCEDE DE PREPARATION ET LES  
COMPOSITIONS  
PHARMACEUTIQUES QUI LES  
CONTIENNENT  
[54] NEW BENZOSPIROALKENE  
DERIVATIVES, THEIR PREPARATION  
PROCESS AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING THEM  
[72] Cordi, Alex, FR  
[72] Lacoste, Jean-Michel, FR  
[72] Descombes, Jean-Jacques, FR  
[72] Laubie, Michel, FR  
[72] Verbeuren, Tony, FR  
[73] LES LABORATOIRES SERVIER, FR  
[22] 1994-07-19  
[30] FR (93.08861) 1993-07-20

[11] **2,131,316**  
[13] C  
[51] Int.Cl. 5C12N 9/74 5C12N 5/06  
5A61K 35/14 6A61K 38/48  
[25] EN  
[54] A THROMBIN BLOOD FRACTION  
FOR USE IN A MEDICAL PROCEDURE  
[54] FRACTION THROMBINE DU  
SANG POUR UTILISATION DANS UNE  
PROCEDURE MEDICALE  
[72] Cederholm-Williams, Stewart A., GB  
[72] Weisfogh, Ulla, DK  
[73] E.R. Squibb & Sons Inc., US  
[85] 1994-08-31  
[86] 1993-06-24 (PCT/GB1993/001323)  
[87] (WO1994/000566)  
[30] DK (0830/92) 1992-06-24

[11] **2,134,560**  
[13] C  
[51] Int.Cl. 5A61K 31/225 5A61K 31/195  
5A23L 1/29  
[25] EN  
[54] ANTI-OBESITY DRUGS  
[54] MEDICAMENTS CONTRE  
L'OBESITE  
[72] Shinitzky, Meir, IL  
[72] SHENFELD, Avner, IL  
[73] LEAN-EX LTD., IL  
[85] 1994-10-27  
[86] 1993-04-27 (PCT/EP1993/001014)  
[87] (WO1993/021913)  
[30] IL (101708) 1992-04-28

[11] **2,136,313**  
[13] C  
[51] Int.Cl. 5G02B 5/22  
[25] EN  
[54] OPTICAL FILTER  
[54] FILTRE OPTIQUE  
[72] Williams, Jeffrey, GB  
[72] Staunton, Anna Louise, GB  
[72] Holden, David William, GB  
[73] PILKINGTON PLC, GB  
[85] 1994-11-21  
[86] 1993-05-20 (PCT/GB1993/001031)  
[87] (WO1993/024849)  
[30] GB (9210952.9) 1992-05-22

[11] **2,136,330**  
[13] C  
[51] Int.Cl. 6C07K 14/00 6C07K 4/00  
5A61K 49/02 6C07K 7/06 6C07K 7/08  
[25] EN  
[54] TECHNETIUM-99M LABELED  
PEPTIDES FOR THROMBUS IMAGING  
[54] PEPTIDES MARQUES AU  
TECHNETIUM 99M POUR  
L'IMAGERIE DES THROMBI  
[72] Dean, Richard T., US  
[72] Lister-James, John, US  
[73] DIATIDE, INC., US  
[85] 1994-11-21  
[86] 1993-05-21 (PCT/US1993/004794)  
[87] (WO1993/023085)  
[30] US (886,752) 1992-05-21

[11] **2,136,517**  
[13] C  
[51] Int.Cl. 5C08G 73/10 5C11D 3/37  
[25] FR  
[54] PROCEDE DE PREPARATION DE  
POLYIMIDES OU DE LEURS  
HYDROLYSATS POLYPEPTIDIQUES  
BIODEGRADABLES  
[54] PROCESS FOR PREPARING  
POLYIMIDES OR THEIR  
BIODEGRADABLE POLYPEPTIDIC  
HYDROLYSATES  
[72] Bernard, Jean-Marie, FR  
[72] Lepage, Jean-Luc, FR  
[72] Ponce, Arnaud, FR  
[72] Tournilhac, Florence, FR  
[73] RHODIA CHIMIE, FR  
[22] 1994-11-23  
[30] FR (93 14 042) 1993-11-24  
[30] FR (93 14 043) 1993-11-24

[11] **2,146,303**  
[13] C  
[51] Int.Cl. 6G09F 7/22  
[25] EN  
[54] FLIP PACKET  
[54] DISPOSITIF D'EMPILEMENT DE  
FEUILLES  
[72] GARFINKLE, BENJAMIN L., US  
[73] Clamp Swing Pricing Company, US  
[22] 1995-04-04  
[30] US (08/222,456) 1994-04-04

**Brevets canadiens délivrés  
19 mars 2002**

---

[11] **2,147,965**  
[13] C

[51] **Int.Cl. 6F16D 31/02**  
[25] EN  
[54] **STABILIZED SPEED CONTROL SYSTEM FOR A HYDROSTATIC TRANSMISSION**  
[54] **SYSTEME DE STABILISATION DE LA VITESSE POUR TRANSMISSION HYDROSTATIQUE**  
[72] Mayhugh, Joel M., US  
[72] Varsamis, Georgios L., US  
[73] WESTERN ATLAS INTERNATIONAL, INC., US  
[85] 1995-04-26  
[86] 1994-07-25 (PCT/US1994/008300)  
[87] (WO1995/006828)  
[30] US (08/114,486) 1993-08-31

---

[11] **2,152,590**  
[13] C

[51] **Int.Cl. 6G11B 7/00**  
[25] EN  
[54] **WAVEFORM SHAPING METHOD AND APPARATUS FOR OPTICAL RECORDING**  
[54] **METHODE ET AAPPAREIL DE CONFORMATION D'ONDES POUR L'ENREGISTREMENT OPTIQUE**  
[72] Wilkinson, Richard L., US  
[72] Brown, Stephen P., US  
[72] Li, Shigang, US  
[73] OPTICAL DISC CORPORATION, US  
[85] 1995-06-23  
[86] 1993-12-23 (PCT/US1993/012732)  
[87] (WO1994/015333)  
[30] US (996,729) 1992-12-24

---

[11] **2,160,317**  
[13] C

[51] **Int.Cl. 6C08G 69/10 6C11D 3/37 6C08G 69/46**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE POLYCONDENSATS D'AMINOACIDES ET DE LEURS HYDROLYSATS POLYPEPTIDIQUES BIODEGRADABLES**  
[54] **PROCESS FOR PREPARING AMINOACID POLYCONDENSATES AND THEIR BIODEGRADABLE POLYPEPTIDIC HYDROLYSATES**  
[72] Lepage, Jean-Luc, FR  
[73] RHODIA CHIMIE, FR  
[22] 1995-10-11  
[30] FR (94 12 150) 1994-10-12

---

[11] **2,151,588**  
[13] C

[51] **Int.Cl. 6C07D 239/46 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 409/12 6A61K 31/505 6C07F 9/547 6A61K 31/675**  
[25] EN  
[54] **ANTIPROLIFERATIVE SUBSTITUTED 5-THIAPYRIMIDINONE AND 5-SELENOPYRIMIDINONE**  
[54] **5-THIAPYRIMIDINONE ET 5-SELENOPYRIMIDINONE SUBSTITUES AYANT DES PROPRIETES ANTIPROLIFERATIVES**  
[72] Varney, Michael D., US  
[72] Romines, William H., US  
[72] Palmer, Cynthia L., US  
[72] Deal, Judith G., US  
[73] Agouron Pharmaceuticals, Inc., US  
[85] 1995-06-12  
[86] 1993-12-10 (PCT/US1993/011795)  
[87] (WO1994/013295)  
[30] US (07/991,259) 1992-12-16

---

[11] **2,157,508**  
[13] C

[51] **Int.Cl. 6C02F 1/50 6A01N 33/12**  
[25] EN  
[54] **IONENE POLYMERS AS MICROBICIDES**  
[54] **POLYMERES D'IONENE, MICROBICIDES**  
[72] Hollis, C. George, US  
[72] Jacquess, Percy A., US  
[73] Buckman Laboratories International, Inc., US  
[85] 1995-09-01  
[86] 1994-03-04 (PCT/US1994/001859)  
[87] (WO1994/019943)  
[30] US (08/027,097) 1993-03-05

---

[11] **2,170,890**  
[13] C

[51] **Int.Cl. 6A47J 27/08 6A47J 27/09**  
[25] FR  
[54] **DISPOSITIF DE VERROUILLAGE/ DEVERROUILLAGE A MACHOIRES D'UN COUVERCLE SUR UNE CUVE**  
[54] **DEVICE WITH JAWS FOR LOCKING/UNLOCKING A LID ON A VESSEL**  
[72] Cartigny, Michel, FR  
[72] Chameroy, Eric, FR  
[73] SEB S.A., FR  
[85] 1996-03-01  
[86] 1995-07-05 (PCT/FR1995/000896)  
[87] (WO1996/001069)  
[30] FR (94/08584) 1994-07-06

---

[11] **2,159,659**  
[13] C

[51] **Int.Cl. 6E21B 33/10**  
[25] EN  
[54] **TORQUE ANCHOR**  
[54] **ANCRAGE DE TORSION**  
[72] Garay, Thomas William, CA  
[73] Garay, Thomas William, CA  
[22] 1995-10-02

---

[11] **2,173,275**  
[13] C

[51] **Int.Cl. 6B60K 15/05**  
[25] EN  
[54] **FUEL FILLER DOOR ACTUATOR ASSEMBLY WITH INTEGRAL KICK-OUT SPRING**  
[54] **MECANISME ACTIONNANT LE COUVERCLE DU TUYAU DE REMPLISSAGE DE RESERVOIR ET COMPORTANT UN RESSORT**  
[72] Martus, Charles R., US  
[72] Lanyk, Douglas S., US  
[73] ELECTRON PRODUCTS, INC., US  
[22] 1996-04-02  
[30] US (421,423) 1995-04-12

---

[11] **2,159,659**  
[13] C

[51] **Int.Cl. 6E21B 33/10**  
[25] EN  
[54] **TORQUE ANCHOR**  
[54] **ANCRAGE DE TORSION**  
[72] Garay, Thomas William, CA  
[73] Garay, Thomas William, CA  
[22] 1995-10-02

Canadian Patents Issued  
March 19, 2002

[11] 2,173,963  
[13] C

[51] Int.Cl. 6C07D 401/04 6C07D 401/14  
6C07D 409/14 6C07D 417/14 6C07D 221/  
16 6A61K 31/445 6A61K 31/495 6C07F 9/  
6558 6A61K 31/675

[25] EN  
[54] TRICYCLIC SULFONAMIDE  
COMPOUNDS USEFUL FOR  
INHIBITION OF G-PROTEIN  
FUNCTION AND FOR TREATMENT OF  
PROLIFERATIVE DISEASES

[54] COMPOSES SULFONAMIDES  
TRICYCLIQUES SERVANT A INHIBER  
LA FONCTION DE LA PROTEINE G ET  
AU TRAITEMENT DE MALADIES  
PROLIFERATIVES  
[72] Doll, Ronald J., US  
[72] Bishop, W. Robert, US  
[72] Mallams, Alan K., US  
[72] Njoroge, F. George, US  
[72] Petrin, Joanne M., US  
[72] Piwinski, John J., US  
[73] SCHERING CORPORATION, US  
[85] 1996-04-11  
[86] 1994-10-12 (PCT/US1994/011390)  
[87] (WO1995/010514)  
[30] US (08/137,856) 1993-10-15

[11] 2,174,726  
[13] C

[51] Int.Cl. 6B27M 1/02  
[25] EN  
[54] PROCESS FOR PRODUCING  
HARD ELEMENTS OF WOOD

[54] PROCEDE DE PRODUCTION  
D'ELEMENTS DE BOIS DURS  
[72] Lindhe, Curt, SE  
[72] Castwall, Lennart, SE  
[73] Lindhe, Curt, SE  
[73] Castwall, Lennart, SE  
[85] 1996-04-22  
[86] 1994-11-18 (PCT/SE1994/001098)  
[87] (WO1995/013908)  
[30] SE (9303821-4) 1993-11-18

[11] 2,177,766  
[13] C

[51] Int.Cl. 6C22B 4/04 6C22B 13/06  
6C22B 19/30

[25] EN  
[54] METHOD AND APPARATUS OF  
TREATING DUSTS CONTAINING  
OXIDES

[54] METHODE ET APPAREIL DE  
TRAITEMENT DE POUSSIERES  
RENFERMANT DES OXYDES  
[72] Okada, Yuji, JP  
[72] Shirakawa, Hirokazu, JP  
[72] Sasamoto, Hirohiko, JP  
[72] Suzuki, Kazuhiro, JP  
[72] Hara, Toshikatsu, JP  
[72] Okada, Masamichi, JP  
[73] TOYOTA JIDOSHA KABUSHIKI  
KAISHA, JP  
[73] Aichi Steel Works, Ltd., JP  
[73] Toyokin Kabushiki Kaisha, JP  
[22] 1996-05-30  
[30] JP (HEI 7-133470) 1995-05-31  
[30] JP (HEI 8-033284) 1996-02-21  
[30] JP (HEI 8-125673) 1996-05-21

[11] 2,177,942  
[13] C

[51] Int.Cl. 6G06F 7/00  
[25] EN  
[54] METHOD AND SYSTEM FOR  
SUPPORTING INTERACTIVE TEXT  
CORRECTION AND USER GUIDANCE  
FEATURES

[54] METHODE ET SYSTEME DE  
SUPPORT POUR FONCTIONS  
INTERACTIVES DE CORRECTION DE  
TEXTES ET DE GUIDAGE DE  
L'UTILISATEUR  
[72] Gipson, Dale L., US  
[73] MICROSOFT CORPORATION, US  
[22] 1996-05-31  
[30] US (08/486,407) 1995-06-06

[11] 2,179,019  
[13] C

[51] Int.Cl. 6A61K 31/615 7A61P 31/02  
7A61P 1/04 6A61K 9/12 7A61K 31/573  
7A61K 31/606

[25] FR  
[54] NOUVELLES COMPOSITIONS  
POUR MOUSSES, NOTAMMENT  
MOUSSES RECTALES, ET MOUSSES  
AINSI OBTENUES

[54] NOVEL FOAMING  
COMPOSITIONS, PARTICULARLY  
FOR RECTAL FOAMS, AND  
RESULTING FOAMS  
[72] Stamm, André, FR  
[72] Cepik, Sibel, FR  
[72] Wehrle, Pascal, FR  
[73] SCOPHYSA, FR  
[85] 1996-06-12  
[86] 1994-12-14 (PCT/FR1994/001463)  
[87] (WO1995/016433)  
[30] FR (93 14 973) 1993-12-14

[11] 2,179,521  
[13] C

[51] Int.Cl. 6C07C 309/46 6A61K 31/185  
[25] EN  
[54] 2,4-DISULPHOPHENYL  
BUTYLNITRONE, ITS SALTS AND  
THEIR USE AS PHARMACEUTICAL  
SPINTRAPS

[54] 2,4-DISULFONYL PHENYL BUTYL  
NITRONE, SES SELS ET LEUR  
UTILISATION COMME PRODUITS  
PHARMACEUTIQUES  
[72] Carney, John M., US  
[73] Oklahoma Medical Research  
Foundation, US  
[73] THE UNIVERSITY OF KENTUCKY  
RESEARCH FOUNDATION, US  
[85] 1996-06-19  
[86] 1994-12-22 (PCT/US1994/014545)  
[87] (WO1995/017876)  
[30] US (08/173,579) 1993-12-23

**Brevets canadiens délivrés  
19 mars 2002**

[11] **2,180,024**  
[13] C

[51] **Int.Cl. 6C12N 15/52 6C12P 23/00 6C12P 7/26**  
[25] EN  
[54] **DNA CHAIN USEFUL FOR XANTHOPHYLL SYNTHESIS AND PROCESS FOR PRODUCING XANTHOPHYLLS**  
[54] **CHAINE D'ADN UTILISEE POUR LA SYNTHESE DE XANTHOPHYLLES, SYNTHESE ET PROCEDE DE PREPARATION DE XANTHOPHYLLES**  
[72] Misawa, Norihiko, JP  
[72] Kondo, Keiji, JP  
[72] Kajiwara, Susumu, JP  
[72] Yokoyama, Akihiro, JP  
[73] KIRIN BEER KABUSHIKI KAISHA, JP  
[73] MARINE BIOTECHNOLOGY INSTITUTE CO., LTD., JP  
[85] 1996-06-26  
[86] 1994-12-26 (PCT/JP1994/002220)  
[87] (WO1995/018220)  
[30] JP (348737/1993) 1993-12-27  
[30] JP (235917/1994) 1994-09-05

[11] **2,180,365**  
[13] C

[51] **Int.Cl. 6G05D 11/00**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR CONTROLLING THE FEED OF WATER TREATMENT CHEMICALS USING A VOLTAMMETRIC SENSOR**  
[54] **PROCEDE ET APPAREIL DE REGULATION DE L'ALIMENTATION EN PRODUITS CHIMIQUES DESTINES AU TRAITEMENT DE L'EAU AU MOYEN D'UN CAPTEUR VOLTAMETRIQUE**  
[72] McNeel, Thomas E., US  
[73] Buckman Laboratories International, Inc., US  
[85] 1996-07-02  
[86] 1995-01-12 (PCT/US1995/000487)  
[87] (WO1995/019566)  
[30] US (08/181,254) 1994-01-13

[11] **2,180,714**  
[13] E

[51] **Int.Cl. 7G02C 9/00**  
[25] EN  
[54] **AUXILIARY LENSES FOR EYEGLASSES**  
[54] **LENTILLES AUXILIAIRES POUR LUNETTES**  
[72] Chao, Richard, TW  
[73] Chao, Richard, TW  
[21] **2,180,714**  
[22] 1996-07-08  
[30] US (08/554,854) 1995-11-07  
[48] 2002-03-19

[11] **2,181,078**  
[13] C

[51] **Int.Cl. 6H04J 14/02**  
[25] FR  
[54] **RESEAU DE TRANSMISSION OPTIQUE AVEC MULTIPLEXAGE DE LONGUEURS D'ONDE**  
[54] **WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION NETWORK**  
[72] Sotom, Michel, FR  
[72] Masetti, Francesco, FR  
[72] De Bouard, Dominique, FR  
[72] Gabriagues, Jean-Michel, FR  
[72] Chiaroni, Dominique, FR  
[73] ALCATEL N.V., NL  
[22] 1996-07-11  
[30] FR (95 08 437) 1995-07-12

[11] **2,181,298**  
[13] C

[51] **Int.Cl. 6G11B 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANUFACTURING INFORMATION STORAGE DEVICES**  
[54] **METHODE ET APPAREIL DE FABRICATION DE DISPOSITIFS DE STOCKAGE D'INFORMATION**  
[72] Heaton, Herbert E., US  
[72] Knorr, Christopher A., US  
[72] Papiernik, David L., US  
[72] Louie, James K., US  
[72] Grassens, Leonardus J., US  
[72] Hollen, Zdenek A., US  
[72] Meyer, Russell A., US  
[72] Murphy, Kent T., US  
[72] Taylor, Wilhelm, US  
[72] Russell, Robert G., US  
[72] Monsen, Christopher J., US  
[72] DePuy, Charles, US  
[72] Hoover, Douglas E., US  
[72] Anderson, Gary, US  
[72] Hall, Hollis O'Neal, II, US  
[73] DISCOVISION ASSOCIATES, US  
[22] 1996-07-16  
[30] US (08/596,000) 1996-02-06

[11] **2,182,208**  
[13] C

[51] **Int.Cl. 6A01N 47/48**  
[25] EN  
[54] **SYNERGISTIC ANTIMICROBIAL COMPOSITIONS CONTAINING METHYLENE-BIS(THIOCYANATE) AND AN ORGANIC ACID**  
[54] **COMPOSITIONS ANTIMICROBIENNES SYNERGIQUE CONTENANT DU METHYLENE-DI(THIOCYANATE) ET UN ACIDE ORGANIQUE**  
[72] Oppong, David, US  
[72] King, Vanja M., US  
[73] Buckman Laboratories International, Inc., US  
[85] 1996-07-26  
[86] 1995-01-11 (PCT/US1995/000300)  
[87] (WO1995/020321)  
[30] US (08/187,075) 1994-01-27

Canadian Patents Issued  
March 19, 2002

[11] 2,183,670  
[13] C

[51] Int.Cl. 6B21D 31/04  
[25] EN  
[54] METHOD AND APPARATUS FOR PRODUCING SHADE MATERIAL  
[54] METHODE ET APPAREIL POUR LA PRODUCTION DE MATERIAU A STORE  
[72] Huang, Chung-Chen, TW  
[73] Teh Yor Industrial Co., Ltd., TW  
[22] 1996-08-19  
[30] US (08/680,987) 1996-07-16

[11] 2,187,110  
[13] C

[51] Int.Cl. 6C07D 277/58 6A23L 3/3544 6A61K 31/425  
[25] EN  
[54] BENZAMIDE DERIVATIVE, COMPOSITIONS CONTAINING SAID DERIVATIVE AND USE THEREOF  
[54] DERIVE DE BENZAMIDE, COMPOSITIONS LE CONTENANT ET SON UTILISATION  
[72] Rossignol, Jean-François, US  
[73] ROMARK LABORATORIES, L.C., US  
[85] 1996-10-03  
[86] 1995-04-11 (PCT/EP1995/001334)  
[87] (WO1995/028393)  
[30] US (08/227,033) 1994-04-13  
[30] US (08/383,855) 1995-02-06  
[30] US (08/301,407) 1994-09-08

[11] 2,187,114  
[13] C

[51] Int.Cl. 6C07D 498/04  
[25] EN  
[54] METHOD OF PREPARATION OF DELMOPINOL USING SUBSTITUTED ISOXAZOLIDINES AND ISOXAZOLINES  
[54] PROCEDE DE PREPARATION DE DELPOMINOL EN UTILISANT DES DERIVES DE SUBSTITUTION D'ISOXAZOLIDINES ET D'ISOXAZOLINES  
[72] Hernestam, Sven, SE  
[72] Thelin, Bernt, SE  
[72] Seifert, Elisabeth, SE  
[72] Nilsson, Arne, SE  
[73] BIOSURFACE PHARMA AB, SE  
[22] 1990-05-14  
[62] 2,032,513  
[30] SE (8901838-6) 1989-05-24  
[30] SE (8901837-8) 1989-05-24

[11] 2,188,826  
[13] C

[51] Int.Cl. 6B32B 15/08 6B32B 1/08  
[25] FR  
[54] SURFACES METALLIQUES REVETUES DE POLYMERES  
[54] POLYMER COATED METAL SURFACES  
[72] Jacquemet, Régis, FR  
[72] Perret, Patrice, FR  
[73] ELF ATOCHEM S.A., FR  
[22] 1996-10-24  
[30] FR (95 12 637) 1995-10-26

[11] 2,190,420  
[13] C

[51] Int.Cl. 6C08L 53/00  
[25] EN  
[54] THERMOPLASTIC RESIN COMPOSITION  
[54] COMPOSITION DE RESINE THERMOPLASTIQUE  
[72] Nagai, Takayuki, JP  
[72] Jagawa, Yasutoshi, JP  
[72] Nishio, Takeyoshi, JP  
[72] Zanka, Yukihito, JP  
[72] Tsutsumi, Ikuo, JP  
[72] Ishii, Izumi, JP  
[72] Sato, Hiroki, JP  
[72] Sano, Hironari, JP  
[73] JAPAN POLYCHEM CORPORATION, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1996-11-15  
[30] JP (300030/1995) 1995-11-17  
[30] JP (240790/1996) 1996-09-11

[11] 2,190,704  
[13] C

[51] Int.Cl. 6B01J 27/122 6C07C 19/045 6C07C 17/154  
[25] EN  
[54] CATALYSTS FOR THE OXICHLORINATION OF ETHYLENE, METHOD FOR PREPARING THEM, AND OXICHLORINATION METHOD USING THE SAME  
[54] CATALYSEURS POUR L'OXYCHLORATION D'ETHYLENE; METHODE POUR LES PREPARER ET METHODE D'OXYCHLORATION UTILISANT CES CATALYSEURS  
[72] Cavalli, Luigi, IT  
[72] Rubini, Carlo, IT  
[73] MONTECATINI TECNOLOGIE S.r.l., IT  
[22] 1996-11-19  
[30] IT (MI95A 002396) 1995-11-21

[11] 2,191,301  
[13] C

[51] Int.Cl. 6A61M 1/10  
[25] EN  
[54] A CATHETER SYSTEM AND METHOD FOR PROVIDING CARDIOPULMONARY BYPASS PUMP SUPPORT DURING HEART SURGERY  
[54] CATHETER ET PROCEDE DESTINES A APPORTER UN SUPPORT VITAL A L'AIDE D'UNE POMPE DE CIRCULATION EXTRA-CORPORELLE, LORS D'UNE CHIRURGIE DU COEUR  
[72] Sweezer, William P., Jr., US  
[72] Jimison, James, US  
[72] Coleman, Ronald L., US  
[73] Heartport, Inc., US  
[85] 1996-11-26  
[86] 1995-05-26 (PCT/US1995/006796)  
[87] (WO1995/032745)  
[30] US (08/250,721) 1994-05-27

[11] 2,191,838  
[13] C

[51] Int.Cl. 6D21H 27/02 6B31F 1/07  
[25] EN  
[54] HIGH BULK EMBOSSED TISSUE WITH NESTING PREVENTION  
[54] PAPIER MENAGER GONFLE A RELIEFS CONCU POUR NE PAS SUBIR D'INTERPENETRATION  
[72] Schulz, Galyn A., US  
[73] FORT JAMES CORPORATION, US  
[85] 1996-12-02  
[86] 1996-04-04 (PCT/US1996/004777)  
[87] (WO1996/031652)  
[30] US (416,348) 1995-04-04

**Brevets canadiens délivrés  
19 mars 2002**

---

[11] **2,193,384**  
[13] C

[51] **Int.Cl. 6C07K 14/705 6A61K 31/195 6A61K 31/22**  
[25] EN  
[54] **USE OF GABAPENTIN IN THE TREATMENT OF ANXIETY AND PANIC**  
[54] **UTILISATION DE LA GABAPENTINE DANS LE TRAITEMENT DE L'ANXIETE ET DE LA PANIQUE**  
[72] Woodruff, Geoffrey Neil, GB  
[72] Gee, Nicolas S., GB  
[72] Singh, Lakhbir, GB  
[72] Brown, Jason P., GB  
[73] WARNER-LAMBERT COMPANY, US  
[85] 1996-12-18  
[86] 1995-07-11 (PCT/US1995/008702)  
[87] (WO1996/003122)  
[30] US (281,285) 1994-07-27  
[30] US (445,398) 1995-06-06

---

[11] **2,193,425**  
[13] C

[51] **Int.Cl. 6G06T 15/50**  
[25] EN  
[54] **GRAPHICS PROCESSOR AND A GRAPHICS SYSTEM**  
[54] **PROCESSEUR GRAPHIQUE ET SYSTEME GRAPHIQUE**  
[72] Suzuki, Katsunori, JP  
[72] Fujita, Ryo, JP  
[72] Koga, Kazuyoshi, JP  
[72] Abe, Yiuchi, JP  
[72] Soga, Mitsuru, JP  
[72] Takami, Kazuhisa, JP  
[72] Katsura, Koyo, JP  
[72] Fujii, Hideki, JP  
[72] Oniki, Kazunori, JP  
[73] HITACHI, LTD., JP  
[22] 1996-12-19  
[30] JP (8-4517) 1996-01-16

---

[11] **2,194,789**  
[13] C

[51] **Int.Cl. 6B60T 13/66 6G08C 19/00**  
[25] EN  
[54] **AUTOMATIC TRAIN SERIALIZATION**  
[54] **SERIALISATION AUTOMATIQUE DE TRAINS**  
[72] Stevens, Dale R., US  
[72] Lumbis, Anthony W., US  
[72] Smyrl, Clifford G., US  
[72] Knight, Douglas G., US  
[73] NEW YORK AIR BRAKE CORPORATION, US  
[22] 1997-01-09  
[30] US (08/584,402) 1996-01-11

---

---

[11] **2,196,028**  
[13] C

[51] **Int.Cl. 6C07C 409/26 6C07C 407/00**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF PERACETIC ACID**  
[54] **METHODE DE PREPARATION DE L'ACIDE PERACETIQUE**  
[72] Pudas, Roland, SE  
[73] EKA CHEMICALS AB, SE  
[22] 1997-01-27  
[30] SE (9600347-0) 1996-01-31

---

[11] **2,196,333**  
[13] C

[51] **Int.Cl. 6G02F 1/035 6G02F 1/35**  
[25] FR  
[54] **MODULATEUR KERR INDEPENDANT DE LA POLARISATION, ET DISPOSITIF DE RECUPERATION TOUTE OPTIQUE D'HORLOGE COMPRENANT UN TEL MODULATEUR**  
[54] **POLARISATION-INDEPENDENT KERR MODULATOR AND ITS USE IN AN ALL-OPTICAL CLOCK RECOVERY DEVICE**  
[72] Bigo, Sébastien, FR  
[73] ALCATEL N.V., NL  
[22] 1997-01-29  
[30] FR (96 01 082) 1996-01-30

---

[11] **2,196,439**  
[13] C

[51] **Int.Cl. 6B63H 23/34**  
[25] EN  
[54] **PROPELLER DRIVE SLEEVE WITH ASYMMETRIC SHOCK ABSORPTION**  
[54] **MANCHON D'ENTRAINEMENT D'HELICE A AMORTISSEMENT DES CHOCS ASYMETRIQUE**  
[72] Gilgenbach, Hubert S., US  
[72] Mihelich, Michael P., US  
[73] BRUNSWICK CORPORATION, US  
[22] 1997-01-30  
[30] US (08/618,667) 1996-03-19

---

---

[11] **2,200,327**  
[13] C

[51] **Int.Cl. 6D21C 9/16 6D21C 9/147**  
[25] EN  
[54] **METHOD OF BLEACHING KRAFT PULP**  
[54] **PROCEDE DE BLANCHIMENT DE PATE KRAFT**  
[72] HENRICSON, Kaj, FI  
[72] PIKKA, Olavi, FI  
[73] ANDRITZ-AHLSTROM OY, FI  
[85] 1997-03-18  
[86] 1995-09-18 (PCT/FI1995/000506)  
[87] (WO1996/009434)  
[30] FI (944348) 1994-09-19

---

[11] **2,204,384**  
[13] C

[51] **Int.Cl. 6A61K 35/78**  
[25] EN  
[54] **MEDICINAL COMPOSITION FOR DIABETES**  
[54] **COMPOSITION MEDICINALE CONTRE LE DIABETE**  
[72] JONES, SHERMAN, CA  
[73] ISOTECHNIKA INCORPORATED, CA  
[85] 1997-05-02  
[86] 1996-09-04 (PCT/IB1996/001023)  
[87] (WO1997/009057)  
[30] US (08-524,432) 1995-09-06

---

[11] **2,204,712**  
[13] C

[51] **Int.Cl. 6B65D 33/24**  
[25] EN  
[54] **RECLOSABLE POUCH AND ZIPPER THEREFOR**  
[54] **SACHET REUTILISABLE A FERMETURE PAR PRESSION ET GLISSIERE, ET FERMETURE A GLISSIERE**  
[72] MALIN, Art, US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1997-05-07  
[30] US (08/651,977) 1996-05-21

---

Canadian Patents Issued  
March 19, 2002

[11] **2,206,048**  
[13] C

[51] **Int.Cl. 6A61K 7/48**  
[25] EN  
[54] **TOPICAL SKIN CARE COMPOSITIONS CONTAINING THICKENED POLYOL CARBOXYLIC ACID ESTERS AS SKIN CONDITIONING AGENTS**  
[54] **COMPOSITIONS DE SOIN POUR LA PEAU A USAGE LOCAL, DONT LES AGENTS REVITALISANTS SONT DES ESTERS D'ACIDE CARBOXYLIQUE POLYOLIQUE EPAISSIS**  
[72] GATTO, Joseph Anthony, US  
[72] DOUGHTY, Darrell Gene, US  
[72] WEISGERBER, David John, US  
[72] SCHWARTZ, James Robert, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-05-26  
[86] 1995-11-21 (PCT/US1995/015374)  
[87] (WO1996/016636)  
[30] US (08/345,154) 1994-11-28  
[30] US (08/538,832) 1995-11-15

[11] **2,206,804**  
[13] C

[51] **Int.Cl. 6C07D 473/22 6C07D 473/20 6A61K 31/52**  
[25] EN  
[54] **TRISUBSTITUTED THIOXANTHINES**  
[54] **THIOXANTHINES TRISUBSTITUEES**  
[72] HOFER, Peter, CH  
[72] CHASIN, Mark, US  
[72] CAVALLA, David J., GB  
[73] EURO-CELTIQUE, S.A., LU  
[85] 1997-05-15  
[86] 1995-12-12 (PCT/US1995/016724)  
[87] (WO1996/018400)  
[30] US (08/354,664) 1994-12-13  
[30] US (08/476,262) 1995-06-07

[11] **2,210,945**  
[13] C

[51] **Int.Cl. 6H04M 3/54 6G06F 13/14**  
[25] EN  
[54] **CALL NOTIFICATION FEATURE FOR A TELEPHONE LINE CONNECTED TO THE INTERNET**  
[54] **DISPOSITIF DE NOTIFICATION D'APPEL DESTINE A UNE LIGNE TELEPHONIQUE CONNECTEE A INTERNET**  
[72] RUSSELL, Thomas Leonard Jr., US  
[72] NORRIS, John H., US  
[73] AT&T CORP., US  
[85] 1997-07-21  
[86] 1996-11-25 (PCT/US1996/018710)  
[87] (WO1997/020424)  
[30] US (562,678) 1995-11-27

[11] **2,212,911**  
[13] C

[51] **Int.Cl. 6B60T 15/36**  
[25] EN  
[54] **BACKUP CONTROL TECHNIQUE FOR 20 PIPE BRAKING SYSTEM**  
[54] **TECHNIQUE DE SECOURS POUR LA COMMANDE DU SYSTEME DE FREINAGE UTILISANT LA CONDUITE GENERALE 20**  
[72] DIMSA, Robert D., US  
[72] FERRI, Vincent, US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1997-08-13  
[30] US (831,461) 1997-03-31

[11] **2,214,560**  
[13] C

[51] **Int.Cl. 6G01N 21/01 6G01J 3/10**  
[25] EN  
[54] **DIFFUSE REFLECTANCE PROBE**  
[54] **SONDE A REFLECTANCE DIFFUSE**  
[72] DRIVER, Richard D., US  
[73] GALILEO CORPORATION, US  
[85] 1997-09-03  
[86] 1996-01-05 (PCT/US1996/000520)  
[87] (WO1996/027783)  
[30] US (08/398,595) 1995-03-03

[11] **2,214,786**  
[13] C

[51] **Int.Cl. 6E21B 33/124 6E21B 43/12**  
[25] EN  
[54] **FLOW METER**  
[54] **DEBITMETRE**  
[72] ROUHAINEN, Pekka, FI  
[73] Posiva Oy, FI  
[85] 1997-09-05  
[86] 1996-01-12 (PCT/FI1996/000028)  
[87] (WO1997/025517)

[11] **2,215,323**  
[13] C

[51] **Int.Cl. 6G11B 7/135 6G11B 7/24**  
[25] EN  
[54] **MULTIPLE DATA LAYER OPTICAL DISK DRIVE SYSTEM WITH FIXED ABERRATION CORRECTION AND OPTIMUM INTERLAYER SPACING**  
[54] **UNITE DE DISQUE OPTIQUE A COUCHES DE DONNEES MULTIPLES AVEC UNE CORRECTION FIXE DE L'ABERRATION ET UN ESPACEMENT OPTIMUM ENTRE LES COUCHES**  
[72] LATTA, Milton Russell, US  
[72] RUBIN, Kurt Allan, US  
[72] TANG, Wade Wai-Chung, US  
[72] ROSEN, Hal Jervis, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 1997-09-12  
[86] 1996-02-01 (PCT/GB1996/000212)  
[87] (WO1996/028818)  
[30] US (08/403,166) 1995-03-13

[11] **2,216,819**  
[13] C

[51] **Int.Cl. 6B60C 25/132 6B60C 25/14**  
[25] FR  
[54] **MACHINE POUR ET PROCEDE DE MISE EN PLACE DE BOURRELETS DE PNEUMATIQUE**  
[54] **PROCESS AND MACHINE FOR FITTING TYRE BEADS**  
[72] WROBEL, Antoine, FR  
[72] PATTE, Bernard, FR  
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[85] 1997-10-16  
[86] 1996-04-16 (PCT/EP1996/001589)  
[87] (WO1996/033877)  
[30] FR (95/05098) 1995-04-26

**Brevets canadiens délivrés  
19 mars 2002**

[11] **2,217,646**  
[13] C

[51] **Int.Cl. 6B60N 2/44**  
[25] EN  
[54] **SEAT ATTACHMENT  
STRUCTURE FOR MOTOR VEHICLES**  
[54] **STRUCTURE DE FIXATION DE  
SIEGE POUR VEHICULES MOTEURS**  
[72] ODAGAKI, Kunimichi, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 1997-10-02  
[30] JP (8-287165) 1996-10-29  
[30] JP (9-200479) 1997-07-25

[11] **2,218,133**  
[13] C

[51] **Int.Cl. 6H01J 61/42**  
[25] EN  
[54] **A LIGHT BULB TYPE  
FLUORESCENT LAMP WEAKENING  
THE STRENGTH OF THE  
ELECTROMAGNETIC WAVES AND  
EMITTING FAR INFRARED RAYS**  
[54] **AMPOULE FLUORESCENTE  
CAPABLE D'AMENUISER LES ONDES  
ELECTROMAGNETIQUES ET DE  
PRODUIRE UN RAYONNEMENT DANS  
L'INFRAROUGE LOINTAIN**  
[72] LEE, Jae Ryong, KR  
[73] SHIN KWANG ENTERPRISE CO.,  
LTD., KR  
[22] 1997-10-08  
[30] KR (33248/1996) 1996-10-09

[11] **2,219,579**  
[13] C

[51] **Int.Cl. 6B62D 53/08**  
[25] EN  
[54] **POSITIVE LOCK GOOSENECK  
HITCH**  
[54] **ATTELAGE EN COL DE CYGNE A  
VERROUILLAGE POSITIF**  
[72] BOL, Kenneth E., II, US  
[72] MIDA, Lynn H., US  
[72] MICHALAK, Eric B., US  
[73] DRAW-TITE, INC., US  
[22] 1997-10-28  
[30] US (60/029,822) 1996-10-28

[11] **2,219,601**  
[13] C

[51] **Int.Cl. 6C07C 57/12 6C07C 51/353**  
[25] EN  
[54] **METHOD FOR PRODUCING  
CONJUGATED LINOLEIC ACID**  
[54] **METHODE POUR OBTENIR DE  
L'ACIDE LINOLEIQUE CONJUGUE**  
[72] KAMEGAI, Takeshi, JP  
[72] SATO, Yoshie, JP  
[72] IWATA, Toshio, JP  
[72] WATANABE, Kazumasa, JP  
[72] KASAI, Masaaki, JP  
[73] RINORU OIL MILLS CO., LTD., JP  
[22] 1997-10-29  
[30] JP (288094/1996) 1996-10-30

[11] **2,219,717**  
[13] C

[51] **Int.Cl. 6H01R 9/09**  
[25] EN  
[54] **COVER FOR AN EDGE MOUNTED  
PRINTED CIRCUIT BOARD  
CONNECTOR**  
[54] **COUVERCLE POUR  
CONNECTEUR DE CARTE A CIRCUIT  
IMPRIME MONTE SUR UN BORD**  
[72] LWEE, Nai Hock, SG  
[72] AU YONG, Chooi Seong, SG  
[73] THOMAS & BETTS CORPORATION,  
US  
[22] 1997-10-30  
[30] US (741,011) 1996-10-31

[11] **2,220,625**  
[13] C

[51] **Int.Cl. 6C08L 43/04 6C09D 4/00  
6C09D 143/04 6C08J 5/18**  
[25] EN  
[54] **ALKOXY-SILYL-FUNCTIONAL  
OLIGOMERS IN CURABLE SILANE  
POLYMER COMPOSITIONS**  
[54] **OLIGOMERES A FONCTION  
ALCOXY-SILYLE DANS DES  
COMPOSITIONS POLYMERIQUES  
DURCISSABLES A BASE DE SILANES**  
[72] SU, Shiu-Chin H., US  
[72] PETTY, Herbert E., US  
[73] CROMPTON CORPORATION, US  
[22] 1997-11-10  
[30] US (08/747,688) 1996-11-12

[11] **2,220,740**  
[13] C

[51] **Int.Cl. 6H04N 7/64 6H04N 7/015  
6H04N 5/44**  
[25] EN  
[54] **SYMBOL DECODING APPARATUS  
WITH PLURAL DATA SLICERS AND  
AN ADAPTIVE NTSC CO-CHANNEL  
INTERFERENCE FILTER**  
[54] **DISPOSITIF DE DECODAGE DE  
SYMBOLES A DECOUPEURS DE  
DONNEES ET FILTRE ADAPTATIF  
NTSC DE BROUILLAGE DANS LE  
MEME CANAL**  
[72] LIMBERG, Allen LeRoy, US  
[73] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[22] 1997-11-10  
[30] US (08/746,520) 1996-11-12  
[30] US (08/839,691) 1997-04-15  
[30] US (08/882,538) 1997-06-25

[11] **2,222,032**  
[13] C

[51] **Int.Cl. 6H01M 8/02 6H01M 8/04  
6H01M 2/14**  
[25] EN  
[54] **FUEL CELL AND METHOD OF  
CONTROLLING SAME**  
[54] **PILE A COMBUSTIBLE ET  
PROCEDE PERMETTANT DE LA  
REGULER**  
[72] OKAMOTO, Takafumi, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[85] 1997-11-24  
[86] 1996-05-24 (PCT/JP1996/001403)  
[87] (WO1996/037920)  
[30] JP (7-126378) 1995-05-25  
[30] JP (7-145884) 1995-06-13  
[30] JP (7-159608) 1995-06-26

[11] **2,222,310**  
[13] C

[51] **Int.Cl. 6E04B 7/16**  
[25] EN  
[54] **BOGIE SYSTEM FOR  
RETRACTABLE ROOF**  
[54] **SYSTEME A BOGIES POUR TOIT  
RETRACTABLE.**  
[72] KUSUYAMA, Masashi, JP  
[72] DOI, Yutaka, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
LTD., JP  
[22] 1997-11-25  
[30] JP (321325-96) 1996-12-02

Canadian Patents Issued  
March 19, 2002

---

[11] **2,222,745**  
[13] C  
[51] **Int.Cl. 6A01B 39/26**  
[25] EN  
[54] **ROLLING CULTIVATOR SHIELD**  
[54] **ECRAN DE CULTIVATEUR**  
**ROULANT**  
[72] COX, Philip David, US  
[72] NOONAN, James Thomas, US  
[72] COLGAN, David Lee, US  
[73] DEERE & COMPANY, US  
[22] 1997-12-23  
[30] US (08/828,770) 1997-04-01

---

[11] **2,222,975**  
[13] C  
[51] **Int.Cl. 6A01D 34/82 6A01D 34/76**  
[25] EN  
[54] **MOUNTING PLATE FOR MOWER**  
**DECK**  
[54] **PLAQUE DE MONTAGE POUR**  
**CHASSIS DE TONDEUSE**  
[72] BENTER, Dean William, US  
[72] HOHNL, Gary David, US  
[73] DEERE & COMPANY, US  
[22] 1997-12-18  
[30] US (08/788,972) 1997-01-24

---

[11] **2,224,367**  
[13] C  
[51] **Int.Cl. 6G06K 19/077 6G06K 7/06**  
**6G07F 7/08**  
[25] EN  
[54] **CHIP CARD READ/WRITE**  
**DEVICE**  
[54] **DISPOSITIF DE LECTURE ET/OU**  
**D'ECRITURE SUR DES CARTES A**  
**PUCE**  
[72] EBBING, Georg, DE  
[73] Ustra Hannoversche Verkehrsbetriebe  
AG, DE  
[85] 1997-12-10  
[86] 1996-06-14 (PCT/EP1996/002570)  
[87] (WO1997/000500)  
[30] DE (195 22 029.3) 1995-06-17

---

[11] **2,225,564**  
[13] C  
[51] **Int.Cl. 6F16H 39/18**  
[25] EN  
[54] **TRANSAXLE WITH**  
**HYDROSTATIC TRANSMISSION**  
[54] **BOITE-PONT MUNIE D'UNE**  
**TRANSMISSION HYDROSTATIQUE**  
[72] EBERLE, Frederick P., US  
[73] TECUMSEH PRODUCTS COMPANY,  
US  
[22] 1997-12-22  
[30] US (60/037,42) 1996-12-23  
[30] US (08/992,772) 1997-12-17

---

[11] **2,227,086**  
[13] C  
[51] **Int.Cl. 6H04L 29/06 6H04L 12/66**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**DYNAMIC NEGOTIATION OF**  
**PROTOCOLS**  
[54] **METHODE ET APPAREIL DE**  
**NEGOTIATION DYNAMIQUE POUR**  
**LA SELECTION D'UN PROTOCOLE**  
[72] FAVICHIA, Frank, US  
[72] O'LEARY, Eamon, US  
[73] AT&T WIRELESS SERVICES, INC.,  
US  
[22] 1998-01-15  
[30] US (08/787,535) 1997-01-21

---

[11] **2,227,729**  
[13] C  
[51] **Int.Cl. 6H04L 12/54**  
[25] EN  
[54] **METHOD AND SYSTEM FOR**  
**DELIVERY OF EMAIL AND ALERTING**  
**MESSAGES**  
[54] **METHODE ET SYSTEME DE**  
**LIVRAISON DE MESSAGES DE**  
**COURRIER ELECTRONIQUE ET**  
**D'ALERTE**  
[72] HENDERSON, Donnie, US  
[72] JACKEL, Lawrence David, US  
[73] AT&T CORP., US  
[22] 1998-01-22  
[30] US (08/816,608) 1997-03-13

---

[11] **2,228,917**  
[13] C  
[51] **Int.Cl. 6G10L 9/08 6H04M 3/42**  
[25] EN  
[54] **SYSTEM AND METHOD FOR**  
**PROVIDING REMOTE AUTOMATIC**  
**SPEECH RECOGNITION SERVICES**  
**VIA A PACKET NETWORK**  
[54] **SYSTEME ET METHODE DE**  
**PRESTATION DE SERVICES DE**  
**RECONNAISSANCE AUTOMATIQUE**  
**DE LA PAROLE AU MOYEN D'UN**  
**RESEAU DE COMMUTATION PAR**  
**PAQUETS**  
[72] ROE, David Bjorn, US  
[72] DRAGOSH, Pamela Leigh, US  
[72] SHARP, Robert Douglas, US  
[73] AT&T CORP., US  
[22] 1998-02-05  
[30] US (08/833,210) 1997-04-14

---

[11] \* **2,229,392**  
[13] C  
[51] **Int.Cl. 6G06F 13/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**PRECACHING DATA AT A SERVER**  
[54] **METHODE ET DISPOSITIF DE**  
**MISE EN MEMOIRE CACHE DE**  
**DONNEES AU NIVEAU SERVEUR**  
[72] BERSTIS, Viktors, US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1998-02-13  
[30] US (08/827,075) 1997-03-26

---

[11] **2,231,886**  
[13] C  
[51] **Int.Cl. 6A61K 47/34 6A61K 9/10**  
**6A61K 38/13 6A61K 31/335**  
[25] EN  
[54] **COPOLYMERIC MICELLE DRUG**  
**COMPOSITION AND METHOD FOR**  
**THE PREPARATION THEREOF**  
[54] **COMPOSITION DE MEDICAMENT**  
**A MICELLE COPOLYMER ET SON**  
**PROCEDE DE PREPARATION**  
[72] KIM, Sung Chul, KR  
[72] CHANG, Eun Ok, KR  
[72] SONG, In Suk, KR  
[72] PAI, Chaul Min, KR  
[73] SAM YANG CO., LTD., KR  
[85] 1998-03-12  
[86] 1996-09-21 (PCT/KR1996/000163)  
[87] (WO1997/010849)  
[30] KR (1995/30981) 1995-09-21

**Brevets canadiens délivrés  
19 mars 2002**

---

[11] **2,232,210**  
[13] C

[51] **Int.Cl. 6A47B 3/091**  
[25] EN  
[54] **FOLDING TABLE LEG APPARATUS**  
[54] **APPAREIL SERVANT A PLIER LES PATTES DE TABLE**  
[72] GAYHART, Jon W., US  
[72] HORNBERGER, Tim G., US  
[73] KRUEGER INTERNATIONAL, INC., US  
[22] 1998-04-22

---

[11] **2,232,488**  
[13] C

[51] **Int.Cl. 6A61K 35/78 6C12P 13/00 6A23L 1/212 6A23L 1/30**  
[25] EN  
[54] **CANCER CHEMOPROTECTIVE FOOD PRODUCTS**  
[54] **PRODUITS ALIMENTAIRES A EFFET CHIMIOPROTECTEUR CONTRE LE CANCER**  
[72] TALALAY, Paul, US  
[72] FAHEY, Jed W., US  
[73] JOHNS HOPKINS SCHOOL OF MEDICINE, US  
[85] 1998-03-16  
[86] 1996-09-13 (PCT/US1996/014866)  
[87] (WO1997/009889)  
[30] US (08/528,858) 1995-09-15

---

[11] **2,233,274**  
[13] C

[51] **Int.Cl. 6A01N 37/16 6C02F 1/50**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR CONTROLLING BIOFOULING USING OXIME ESTERS**  
[54] **PROCEDES ET COMPOSITIONS ANTIBIOFOULING A ESTERS D'OXIMES**  
[72] BRYANT, Stephen D., US  
[72] ZOLLINGER, Mark L., US  
[73] Buckman Laboratories International, Inc., US  
[85] 1998-03-27  
[86] 1996-09-27 (PCT/US1996/015488)  
[87] (WO1997/011603)  
[30] US (08/536,319) 1995-09-29

---

---

[11] **2,233,308**  
[13] C

[51] **Int.Cl. 6C02F 1/50 6C09D 5/14**  
[25] EN  
[54] **METHOD FOR CONTROLLING BIOFOULING USING N-ALKYL HETEROCYCLIC COMPOUNDS**  
[54] **METHODE DE CONTROLE DE L'ENCRASSEMENT BIOLOGIQUE AU MOYEN DE COMPOSES HETEROCYCLIQUES N-ALKYLES**  
[72] WHITTEMORE, Marilyn S., US  
[72] BRYANT, Stephen D., US  
[72] GLOVER, Daniel E., US  
[72] STEELHAMMER, Joe C., US  
[73] Buckman Laboratories International, Inc., US  
[85] 1998-03-27  
[86] 1996-09-27 (PCT/US1996/015466)  
[87] (WO1997/011909)  
[30] US (08/536,841) 1995-09-29

---

[11] **2,233,647**  
[13] C

[51] **Int.Cl. 6D04B 15/50**  
[25] EN  
[54] **YARN SUPPLY APPARATUS FOR ELASTIC YARNS**  
[54] **DISTRIBUTEUR DE FIL ELASTIQUE**  
[72] PARK, Gerhard, DE  
[72] SCHMODDE, Hermann, DE  
[73] Memminger-IRO GmbH, DE  
[85] 1998-03-31  
[86] 1996-09-17 (PCT/DE1996/001749)  
[87] (WO1997/013907)  
[30] DE (195 37 215.8) 1995-10-06

---

[11] **2,233,810**  
[13] C

[51] **Int.Cl. 6H04Q 3/00 6H04Q 3/18**  
[25] EN  
[54] **SYSTEM AND METHOD TO MINIMIZE GLARE IN INTEROFFICE TRUNK ALLOCATION**  
[54] **SYSTEME ET METHODE SERVANT A MINIMISER LES DOUBLES PRISES DANS L'AFFECTATION DES LIAISONS ENTRE LES COMMUTEURS**  
[72] MO, Chi-Chiang, US  
[73] LUCENT TECHNOLOGIES, INC., US  
[22] 1998-03-31  
[30] US (08/866,926) 1997-05-30

---

---

[11] **2,235,348**  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT COMPOSITE AND DISPOSABLE ABSORBENT GARMENT COMPRISING SAME**  
[54] **COMPOSITE ABSORBANT ET VETEMENT ABSORBANT JETABLE COMPRENANT LEDIT COMPOSITE**  
[72] NIEMEYER, Michael John, US  
[72] PUTZER, Melissa Christine, US  
[73] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1998-04-30  
[86] 1996-10-24 (PCT/US1996/017098)  
[87] (WO1997/017924)  
[30] US (08/559,385) 1995-11-15

---

[11] **2,236,673**  
[13] C

[51] **Int.Cl. 6C07D 295/088 6A61K 31/40**  
[25] EN  
[54] **(-)-CIS-6(S)-PHENYL-5(R)-4-(2-PYRROLIDIN-1-YLETHOXY)PHENYL]-5,6,7,8-TETRAHYDRONAPHTHALEN-2-OL D-TARTRATE**  
[54] **(-)- CIS-6(S)-PHENYL-5(R)-4-(2-PYRROLIDIN-1-YLETHOXY)PHENYL]-5,6,7,8-TETRAHYDRONYPHTHALEN-2-OL-D-TARTRATE**  
[72] MELTZ, Morgan, US  
[72] CHIU, Charles K., US  
[73] PFIZER INC., US  
[85] 1998-05-01  
[86] 1996-10-04 (PCT/IB1996/001049)  
[87] (WO1997/016434)  
[30] US (60/006,125) 1995-11-02

---

Canadian Patents Issued  
March 19, 2002

[11] 2,236,800  
[13] C

[51] Int.Cl. 6C09D 1/00 6B41M 5/00  
**6D21H 19/38**  
[25] EN  
[54] RECORDING MEDIUM, INK-JET RECORDING METHOD USING THE SAME, AND DISPERSION OF ALUMINA HYDRATE  
[54] SUPPORT D'ENREGISTREMENT, METHODE D'ENREGISTREMENT A JET D'ENCRE QUI UTILISE LEDIT SUPPORT, ET DISPERSION DE BLANC D'ALUMINE  
[72] YOSHINO, Hitoshi, JP  
[72] MIURA, Kyo, JP  
[72] KONDO, Yuji, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1994-04-25  
[62] 2,122,099  
[30] JP (5-125437) 1993-04-28  
[30] JP (5-125438) 1993-04-28  
[30] JP (5-125439) 1993-04-28  
[30] JP (5-352110) 1993-12-28  
[30] JP (5-352111) 1993-12-28  
[30] JP (5-352112) 1993-12-28

[11] 2,237,691  
[13] C

[51] Int.Cl. 6A47B 87/00 6E04B 2/82  
[25] EN  
[54] MODULAR DESK AND DESK SYSTEM  
[54] BUREAU MODULAIRE ET SYSTEME DE BUREAU  
[72] BECK, Robert, US  
[72] McCLUNG, Duane Gene, US  
[72] CHADWICK, Donald T., US  
[72] KELLEY, James O., US  
[72] OREN, Robert A., US  
[72] KURRASCH, Andrew, US  
[72] GARTLAND, Paul Stephen, US  
[72] CLARK, Jeffrey L., US  
[72] PEARSONS, Errol, US  
[73] HERMAN MILLER, INC., US  
[85] 1998-05-14  
[86] 1996-11-15 (PCT/US1996/018827)  
[87] (WO1997/019617)  
[30] US (60/006,833) 1995-11-16

[11] 2,240,109  
[13] C

[51] Int.Cl. 6B60T 17/04  
[25] EN  
[54] FILTER FOR RAILROAD CAR CONTROL VALVE PIPE BRACKET AND ACCESS PLATE  
[54] FILTRE DESTINE AU BLOC DE COUPLAGE DE TUYAUTERIE DU DISTRIBUTEUR ET LA PLAQUE D'ACCES DE CE DERNIER POUR WAGON DE CHEMIN DE FER  
[72] ANDREWS, Lawrence J., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-06-09  
[30] US (069,373) 1998-04-29

[11] 2,240,182  
[13] C

[51] Int.Cl. 6H01Q 21/24 6H01Q 21/26  
[25] EN  
[54] DUAL POLARIZED ARRAY ANTENNA WITH CENTRAL POLARIZATION CONTROL  
[54] ANTENNE RESEAU A DOUBLE POLARISATION AVEC COMMANDE CENTRALE DE POLARISATION  
[72] RUNYON, Donald L., US  
[73] EMS TECHNOLOGIES, INC., US  
[85] 1998-06-12  
[86] 1996-12-11 (PCT/US1996/019702)  
[87] (WO1997/022159)  
[30] US (08/572,529) 1995-12-14

[11] 2,240,820  
[13] C

[51] Int.Cl. 6B01D 53/48 6B01D 53/52  
[25] EN  
[54] REGENERATIVE METHOD AND COMPOSITION FOR REMOVING SULFIDES FROM GAS STREAMS  
[54] PROCEDE ET COMPOSITION DE REGENERATION DESTINES A ENLEVER DES SULFURES DE COURANTS GAZEUX  
[72] CAGLAR, Muge, US  
[72] TRAUFFER, Edward A., US  
[73] QUAKER CHEMICAL CORPORATION, US  
[85] 1998-06-18  
[86] 1997-01-09 (PCT/US1997/000324)  
[87] (WO1997/025126)  
[30] US (08/587,837) 1996-01-10

[11] 2,241,344  
[13] C

[51] Int.Cl. 6B65D 35/56 6A45D 40/00  
**6B65D 35/28**  
[25] FR  
[54] DISPOSITIF POUR LA VIDANGE FRACTIONNEE D'UN TUBE  
[54] DEVICE FOR CONTROLLED DISPENSING OF TUBE CONTENTS  
[72] DE LAFORCADE, Vincent, FR  
[73] L'OREAL, FR  
[22] 1998-06-30  
[30] FR (97 08 282) 1997-07-01

[11] 2,241,795  
[13] C

[51] Int.Cl. 6H02J 3/14  
[25] EN  
[54] INTELLIGENT POWER SUPPLY WITH STAGED LOADING CAPABILITY  
[54] ALIMENTATION ELECTRIQUE INTELLIGENTE A CAPACITE DE CHARGE EN PALIERS  
[72] HAYS, Paul, US  
[72] SAMSON, Allan, US  
[72] EKLUND, Barry, US  
[73] MICRO MOTION, INC., US  
[85] 1998-07-07  
[86] 1997-01-09 (PCT/US1997/000322)  
[87] (WO1997/027658)  
[30] US (08/590,330) 1996-01-23

[11] 2,241,981  
[13] C

[51] Int.Cl. 6A61K 7/42  
[25] EN  
[54] METHOD OF INHIBITING PHOTOAGING OF SKIN  
[54] PROCEDE D'INHIBITION DU PHOTOVIELLISSEMENT DE LA PEAU  
[72] FISHER, Gary J., US  
[72] VOORHEES, John J., US  
[73] THE UNIVERSITY OF MICHIGAN, US  
[85] 1998-07-02  
[86] 1997-01-17 (PCT/US1997/000791)  
[87] (WO1997/025969)  
[30] US (08/588,771) 1996-01-19

**Brevets canadiens délivrés  
19 mars 2002**

---

[11] **2,243,485**  
[13] C

[51] **Int.Cl. 6C11D 11/00 6C11D 3/34 6C11D 3/395**  
[25] EN  
[54] **PROCESS FOR MAKING PARTICULATE BLEACH ACTIVATOR COMPONENT**  
[54] **PROCEDE DE FABRICATION D'ACTIVATEURS DE BLANCHIMENT PARTICULAIRES**  
[72] SHARMA, Sanjeev, GB  
[72] YORK, David William, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-07-17  
[86] 1997-01-22 (PCT/US1997/001024)  
[87] (WO1997/027280)  
[30] EP (96300585.5) 1996-01-29  
[30] EP (96304782.4) 1996-06-28

---

[11] **2,245,498**  
[13] C

[51] **Int.Cl. 6B24B 53/00 6G01L 9/06 6H01L 21/304**  
[25] EN  
[54] **LAPPING AND POLISHING METHOD AND APPARATUS FOR PLANARIZING PHOTORESIST AND METAL MICROSTRUCTURE LAYERS**  
[54] **PROCEDE ET APPAREIL DE RECTIFICATION ET DE POLISSAGE POUR L'APLANISSEMENT DE COUCHES DE MICROSTRUCTURES METALLIQUES ET PHOTORESISTANTES**  
[72] MANGAT, Pawitterjit S., US  
[72] GUCKEL, Henry, US  
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 1998-08-05  
[86] 1997-01-28 (PCT/US1997/001266)  
[87] (WO1997/028925)  
[30] US (08/598,851) 1996-02-09

---

---

[11] **2,245,970**  
[13] C

[51] **Int.Cl. 6B01J 23/83 6B01D 53/94**  
[25] EN  
[54] **EXHAUST EMISSION CONTROL CATALYST AND METHOD FOR CONTROLLING EXHAUST EMISSION**  
[54] **CATALYSEUR DE CONTROLE D'EMISSION GAZ D'ECHAPPEMENT ET PROCEDE POUR CONTROLER L'EMISSION DE GAZ D'ECHAPPEMENT**  
[72] HORIUCHI, Makoto, JP  
[72] KAWANAMI, Makoto, JP  
[73] ICT CO., LTD., JP  
[73] INTERNATIONAL CATALYST TECHNOLOGY, INCORPORATED, US  
[85] 1998-08-11  
[86] 1996-12-26 (PCT/JP1996/003798)  
[87] (WO1998/029188)

---

[11] **2,246,239**  
[13] C

[51] **Int.Cl. 6G06F 17/30 6G06F 13/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PASSIVELY BROWSING THE INTERNET**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE SURVOLER PASSIVEMENT LE RESEAU INTERNET**  
[72] HELFMAN, Jonathan Isaac, US  
[73] AT&T CORP., US  
[85] 1998-08-10  
[86] 1997-02-04 (PCT/US1997/001887)  
[87] (WO1997/029414)  
[30] US (60/011,435) 1996-02-09  
[30] US (08/784,277) 1997-01-15

---

---

[11] **2,247,860**  
[13] C

[51] **Int.Cl. 6A61L 2/04 6C12N 13/00 6A23C 3/02 6A23L 3/16**  
[25] EN  
[54] **METHOD FOR TREATING LIQUID MATERIALS**  
[54] **PROCEDE DE TRAITEMENT DE MATIERES LIQUIDES**  
[72] SHIMKEVICH, Alexander Lvovich, RU  
[72] CHULKOV, Boris Alexandrovich, RU  
[72] PONOMAREV-STEPNOI, Nikolai Nikolaevich, RU  
[72] GRAE, Joel B., US  
[72] MOROZOV, Valentine Alexeevich, RU  
[72] MILOVIDOVA, Albina Vasilyevna, RU  
[72] IVANOVSKY, Michael Nikolaevich, RU  
[72] LOGINOV, Nikolai Ivanovich, RU  
[72] AKSENOV, Yuri Vasilyevich, RU  
[73] I. BELLOCH CORPORATION, US  
[85] 1998-08-28  
[86] 1997-03-05 (PCT/US1997/004055)  
[87] (WO1997/032483)  
[30] US (60/017,121) 1996-03-06

---

[11] **2,248,482**  
[13] C

[51] **Int.Cl. 6H04L 9/32**  
[25] EN  
[54] **STRENGTHENING THE AUTHENTICATION PROTOCOL**  
[54] **METHODE DE RENFORCEMENT DE PROTOCOLES D'AUTHENTIFICATION**  
[72] PATEL, Sarvar, US  
[73] LUCENT TECHNOLOGIES, INC., US  
[22] 1998-09-30  
[30] US (08/958,117) 1997-10-27

---

[11] **2,248,494**  
[13] C

[51] **Int.Cl. 6B60T 17/22 6F16K 27/00**  
[25] EN  
[54] **DUAL VALVE APPARATUS FOR ENABLING QUICK MEASUREMENT OF PRESSURE**  
[54] **DISPOSITIF A DOUBLE SOUPAPES PERMETTANT LA MESURE RAPIDE D'UNE PRESSION**  
[72] SCOTT, Daniel G., US  
[72] VELTRI, Michael J., US  
[72] JOHNSTON, Gregory L., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-09-24  
[30] US (968,270) 1997-11-12

---

Canadian Patents Issued  
March 19, 2002

---

[11] **2,248,696**  
[13] C  
[51] Int.Cl. **6B67D 5/00 6B05C 17/00 6G01F 11/04**  
[25] EN  
[54] **INDUSTRIAL SYRINGE**  
[54] **SERINGUE INDUSTRIELLE**  
[72] DANG, Nguyen Thai, US  
[73] PRC-DESOTO INTERNATIONAL, INC., US  
[85] 1998-09-10  
[86] 1997-04-03 (PCT/US1997/005619)  
[87] (WO1997/038289)  
[30] US (08/629,638) 1996-04-09

---

[11] **2,249,266**  
[13] C  
[51] Int.Cl. **6F16K 17/10 6F04B 53/10 6F04B 49/22**  
[25] EN  
[54] **PRESSURE RELIEF VALVE WITH PNEUMATIC PILOT**  
[54] **SOUPAPE DE SURETE A PRESSION PILOTE PNEUMATIQUE**  
[72] CUNKELMAN, Brian L., US  
[72] SANTORO, Ralph Jr., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-10-01  
[30] US (113,864) 1998-07-10

---

[11] **2,251,422**  
[13] C  
[51] Int.Cl. **6H01Q 1/12**  
[25] EN  
[54] **MULTI-USER ANTENNA TELECOMMUNICATION TOWER**  
[54] **PILONE D'ANTENNE DE COMMUNICATION A UTILISATEURS MULTIPLES**  
[72] LEGG, Dale R., US  
[73] EDWARDS AND KELCEY WIRELESS, L.L.C., US  
[22] 1998-11-10  
[30] US (08/967,181) 1997-11-10

---

[11] **2,248,919**  
[13] C  
[51] Int.Cl. **6B32B 27/12 6A61F 7/00 6C09K 5/00**  
[25] EN  
[54] **COMPOSITE FILM FOR CONTROLLING OXYGEN FLUX INTO THERMAL CELLS**  
[54] **FILM COMPOSITE POUR COMMANDE DU FLUX D'OXYGENE ENTRANT DANS DES PILES THERMIQUES**  
[72] HAMILTON, Peter Worthington, US  
[72] McGUIRE, Kenneth Stephen, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-09-11  
[86] 1997-02-27 (PCT/US1997/003063)  
[87] (WO1997/033542)  
[30] US (08/614,036) 1996-03-12

---

[11] **2,250,036**  
[13] C  
[51] Int.Cl. **6A01N 1/02 6A61K 35/12 6A61L 2/18**  
[25] EN  
[54] **ANTIBIOTIC COCKTAIL AND METHOD OF USE**  
[54] **COCKTAIL D'ANTIBIOTIQUES ET PROCEDE D'UTILISATION**  
[72] ADOMA, Chigoke, US  
[72] BROCKBANK, Kelvin G. M., US  
[72] GOLDSTEIN, Steven, US  
[72] DAWSON, Patti E., US  
[72] SHELDON, Judith K., US  
[73] CRYOLIFE, INC., US  
[85] 1998-09-25  
[86] 1997-03-24 (PCT/US1997/004700)  
[87] (WO1997/036479)  
[30] US (08/626,167) 1996-03-29

---

[11] **2,251,453**  
[13] C  
[51] Int.Cl. **6C07D 487/04 6A61K 31/505 6A61K 31/535**  
[25] EN  
[54] **5-ARYLALKYL-SUBSTITUTED PYRAZOLO(4,3-D)PYRIMIDINE-7-ONES**  
[54] **"5-ARYLALKYL-SUBSTITUE PYRAZOLO(4,3-D)PYRIMIDINE-7-ONES"**  
[72] TERRETT, Nicholas Kenneth, GB  
[72] BELL, Andrew Simon, GB  
[73] PFIZER INC., US  
[22] 1998-10-23  
[30] GB (9722520.5) 1997-10-24

---

[11] **2,249,013**  
[13] C  
[51] Int.Cl. **6H04N 1/46 6H04N 1/64**  
[25] EN  
[54] **COLOR FACSIMILE APPARATUS**  
[54] **TELECOPIEUR COULEUR**  
[72] KIZAWA, Makoto, JP  
[73] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[85] 1998-09-14  
[86] 1997-07-17 (PCT/JP1997/002477)  
[87] (WO1998/031140)  
[30] JP (9/17485) 1997-01-14

---

[11] **2,250,983**  
[13] C  
[51] Int.Cl. **6F21V 7/22**  
[25] EN  
[54] **LIGHT REFLECTANT SURFACE IN A RECESSED CAVITY SUBSTANTIALLY SURROUNDING A COMPACT FLUORESCENT LAMP**  
[54] **SURFACE REFLECHISSANT LA LUMIERE DANS UNE CAVITE EN RETRAIT ENTOURANT PRATIQUEMENT UNE LAMPE FLUORESCENTE COMPACTE**  
[72] MINOR, Raymond B., US  
[72] HANNON, Gregory E., US  
[72] MCGREGOR, Gordon L., US  
[73] W. L. GORE & ASSOCIATES, INC., US  
[85] 1998-10-07  
[86] 1997-04-08 (PCT/US1997/006110)  
[87] (WO1997/040311)  
[30] US (08/630,243) 1996-04-10  
[30] US (08/711,769) 1996-09-10

---

[11] **2,252,943**  
[13] C  
[51] Int.Cl. **6A62C 35/68**  
[25] EN  
[54] **SPRINKLER GUARD**  
[54] **COUVERT DE PROTECTION POUR TETE D'EXTINCTEUR**  
[72] PONTE, Gary W., US  
[73] THE RELIABLE AUTOMATIC SPRINKLER CO., INC., US  
[22] 1998-11-05  
[30] US (08/990,656) 1997-12-15

**Brevets canadiens délivrés  
19 mars 2002**

[11] **2,257,577**  
[13] C

[51] **Int.Cl. 6H04N 5/91**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INTERFACING MPEG-CODED AUDIOVISUAL OBJECTS PERMITTING ADAPTIVE CONTROL FORMAT DE FICHIER ENREGISTRE POUR MPEG-4**  
[72] SCHMIDT, Robert L., US  
[72] PURI, Atul, US  
[72] FANG, Yihan, US  
[72] ELEFThERiADiS, Alexandros, US  
[72] KALVA, Hari, US  
[73] AT&T CORP., US  
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 1998-12-03  
[86] 1998-04-07 (PCT/US1998/006802)  
[87] (WO1998/046606)  
[30] US (60/042,798) 1997-04-07

[11] **2,263,158**  
[13] C

[51] **Int.Cl. 6A61K 9/00 6A61K 31/155**  
[25] EN  
[54] **UNIT DOSE CHLORHEXADINE GLUCONATE (CHG) APPLICATOR HAVING EXTENDED CHG SHELF LIFE**  
[54] **APPLICATEUR UNI-DOSE DE GLUCONATE DE CHLORHEXADINE (GCH) A DUREE DE CONSERVATION PROLONGEE**  
[72] McGRATH, Patrick D., US  
[73] MEDI-FLEX HOSPITAL PRODUCTS, INC., US  
[85] 1999-02-11  
[86] 1997-07-07 (PCT/US1997/012325)  
[87] (WO1998/014178)  
[30] US (08/723,686) 1996-09-30

[11] **2,263,995**  
[13] C

[51] **Int.Cl. 6G01P 3/14**  
[25] EN  
[54] **ANGULAR VELOCITY DETECTOR**  
[54] **DETECTEUR DE VITESSE ANGULAIRE**  
[72] NONOMURA, Yutaka, JP  
[72] SUGITANI, Nobuyoshi, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[73] KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO, JP  
[85] 1999-02-11  
[86] 1997-08-07 (PCT/JP1997/002756)  
[87] (WO1998/007005)  
[30] JP (8/212617) 1996-08-12

[11] **2,267,218**  
[13] C

[51] **Int.Cl. 6E02B 3/12**  
[25] EN  
[54] **INTEGRATED ARMOR SYSTEM**  
[54] **SYSTEME DE BLINDAGE INTEGRE**  
[72] PRAMONO, Wasi Tri, CA  
[72] MCCORQUODALE, John A., US  
[73] PRAMONO, Wasi Tri, CA  
[73] MCCORQUODALE, John A., US  
[85] 1999-03-31  
[86] 1997-09-23 (PCT/US1997/016903)  
[87] (WO1998/014668)  
[30] US (08/720,841) 1996-10-03

[11] **2,270,257**  
[13] C

[51] **Int.Cl. 6E21B 37/06 6C11D 1/74**  
[25] EN  
[54] **THE USE OF BIODEGRADABLE ALKOXYLATION PRODUCTS FOR CLEANING BOREHOLES, DRILLING EQUIPMENT OR DRILL CUTTINGS**  
[54] **UTILISATION DE PRODUITS D'ALCOXYLATION BIODEGRADABLES POUR LE NETTOYAGE DE TROUS DE FORAGE, D'EQUIPEMENTS DE FORAGE OU DE DEBLAIS DE FORAGE**  
[72] PODUBRIN, Stefan, DE  
[72] SCHRECK, Berthold, DE  
[72] HEROLD, Claus-Peter, DE  
[72] MUELLER, Heinz, DE  
[72] HEIDBREder, Andreas, DE  
[73] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1999-04-28  
[86] 1997-10-21 (PCT/EP1997/005800)  
[87] (WO1998/019043)  
[30] DE (196 43 857.8) 1996-10-30

[11] **2,271,251**  
[13] C

[51] **Int.Cl. 6G01R 31/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TESTING FIELD PROGRAMMABLE GATE ARRAYS**  
[54] **METHODE ET APPAREIL POUR LA VERIFICATION DE PREDIFFUSES PROGRAMMABLES PAR L'UTILISATEUR**  
[72] ABRAMOVICI, Miron, US  
[72] STROUD, Charles Eugene, US  
[72] WIJESURIYA, Sajitha S., US  
[73] LUCENT TECHNOLOGIES, INC., US  
[73] THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION, US  
[22] 1999-05-06  
[30] US (09/109,123) 1998-06-30

[11] **2,283,072**  
[13] C

[51] **Int.Cl. 6H03F 3/189 6H03B 5/02 6G03G 15/32**  
[25] EN  
[54] **HIGH FREQUENCY RF DRIVER**  
[54] **CIRCUIT D'ATTAQUE RF HAUTES FREQUENCES**  
[72] THEODOULOU, SOTOS M., CA  
[72] VANNERSON, ERIC F., US  
[72] BAKER, WM KEITH, CA  
[73] XEROX CORPORATION, US  
[22] 1999-09-09  
[30] US (09/187,371) 1998-11-06

[11] **2,283,862**  
[13] C

[51] **Int.Cl. 6F02C 9/00**  
[25] EN  
[54] **ROTATIONAL SPEED CONTROL METHOD IN GAS TURBINE STOPPING PROCESS**  
[54] **PROCEDE DE CONTROLE DE VITESSE DE REVOLUTION DANS UN PROCESSUS D'ARRET DE TURBINE A GAZ**  
[72] HASHIMOTO, YUKIHIRO, JP  
[72] SUENAGA, KIYOSHI, JP  
[72] TOMITA, YASUOKI, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-08-25  
[86] 1998-12-28 (PCT/JP1998/005988)  
[87] (WO1999/035384)  
[30] JP (10-000186) 1998-01-05

Canadian Patents Issued  
March 19, 2002

[11] 2,291,921  
[13] C

[51] **Int.Cl. 7E06B 3/30**  
[25] EN  
[54] **DECORATIVE WINDOW SHUTTER**  
[54] **VOLETS DECORATIFS POUR FENETRES**  
[72] VAN HEE, MICHELLE C., CA  
[73] VAN HEE, MICHELLE C., CA  
[22] 1999-12-31

[11] 2,333,355  
[13] C

[51] **Int.Cl. 6A47J 37/04**  
[25] EN  
[54] **STAGED ROTISSERIE**  
[54] **ROTISSOIRE PROGRESSIVE**  
[72] MCCONNELL, JAMES W., US  
[73] MCCONNELL, JAMES W., US  
[85] 2000-11-24  
[86] 1999-05-20 (PCT/US1999/011368)  
[87] (WO1999/062389)  
[30] US (09/092,787) 1998-06-05

[11] 2,295,396  
[13] C

[51] **Int.Cl. 7A44B 19/16 7B65D 33/28**  
[25] EN  
[54] **SLIDE ZIPPER ASSEMBLY**  
[54] **FERMETURE A GLISSIERE**  
[72] KOBETSKY, ROBERT G., US  
[72] MACHACEK, ZDENEK, US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 2000-01-13  
[30] US (09/247,676) 1999-02-09

[11] 2,335,403  
[13] C

[51] **Int.Cl. 7G11B 7/0037 7G11B 7/004**  
[25] EN  
[54] **OPTICAL READABLE DISC STORING FULL-MOTION VIDEO SCENE**  
[54] **DISQUE OPTIQUE LISIBLE SERVANT A STOCKER DES SCENES VIDEOS INTEGRALES**  
[72] VAN DER MEER, JAN, NL  
[72] DE HAAN, WIEBE, NL  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[22] 1991-05-31  
[62] 2,043,670  
[30] NL (9001771) 1990-08-06  
[30] GB (9012538.6) 1990-06-05

[11] 2,295,891  
[13] C

[51] **Int.Cl. 7F24F 13/10 7F24F 11/053 7F24F 13/12**  
[25] EN  
[54] **ROOM GRATING**  
[54] **GRILLAGE POUR PIECE**  
[72] PARK, CHAN-WOO, CA  
[73] PARK, CHAN-WOO, CA  
[22] 2000-01-13

[11] 2,317,637  
[13] C

[51] **Int.Cl. 6H04Q 11/04 6H04L 12/56**  
[25] EN  
[54] **METHOD FOR PROVIDING BANDWIDTH AND DELAY GUARANTEES IN A CROSSBAR SWITCH WITH SPEEDUP**  
[54] **PROCEDE POUR ETABLIR DES GARANTIES DE DELAI ET DE LARGEUR DE BANDE DANS UN COMMUTATEUR CROSSBAR AVEC ACCELERATION**  
[72] SIMCOE, ROBERT J., US  
[72] CHARNY, ANNA, US  
[72] KRISHNA, PATTABHIRAMAN, US  
[72] PATEL, NAIMISH, US  
[73] CABLETRON SYSTEMS, INC., US  
[85] 2000-07-06  
[86] 1999-01-12 (PCT/US1999/000607)  
[87] (WO1999/035879)  
[30] US (09/005,738) 1998-01-12

# Canadian Laid-Open Applications

February 24, 2002 - March 2, 2002

## Demands canadiennes mises à la disponibilité du public

24 fevrier 2002 - 2 mars 2002

---

[21] **2,315,900**  
[13] A1  
[51] Int.Cl. 7C12N 15/29 7A01H 5/00  
7C12N 1/00 7C12N 15/10 7C07K 16/16  
7C07K 14/415 7C12Q 1/68 7C12N 15/82  
[25] EN  
[54] APPLE MADS-BOX PROTEIN,  
GENE ENCODING SAID PROTEIN,  
ANTIBODY AGAINST SAID PROTEIN,  
METHOD FOR DETECTING  
TRANSCRIPT OF SAID GENE OR  
PROTEIN EXPRESSED THEREFROM  
AND PROCESS FOR PREPARING  
TRANSGENIC PLANT CONTAINING  
SAID GENE  
[54] PROTEINE DE POMME MADS-  
BOX, GENE CODANT LADITE  
PROTEINE, ANTICORPS CONTRE  
LADITE PROTEINE, METHODE POUR  
DETECTER LA TRANSCRIPTION  
DUDIT GENE OU DE LADITE  
PROTEINE EXPRIME A PARTIRDE  
CELUI-CI ET PROCEDE POUR  
PREPARER UNE PLANTE  
TRANSGENIQUE CONTENANT LEDIT  
GENE  
[72] SUNG, SOON-KEE, KR  
[72] YU, GYUNG-HEE, KR  
[71] YU, GYUNG-HEE, KR  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,008**  
[13] A1  
[51] Int.Cl. 7B65B 13/02  
[25] FR  
[54] DISPOSITIF MECANIQUE  
MULTIPLE DE FIXATION ET DE  
TENSION DES CABLES RETENANT UN  
CHARGEMENT SUR UNE REMORQUE  
[54] VERSATILE MECHANICAL  
DEVICE USED TO FASTEN AND  
TIGHTEN CABLES HOLDING A LOAD  
ON A TRAILER  
[72] BRUNET, ANDRE, CA  
[71] BRUNET, ANDRE, CA  
[22] 2000-08-31  
[43] 2002-02-28

---

[21] **2,316,119**  
[13] A1  
[51] Int.Cl. 7G01S 5/00  
[25] EN  
[54] K.A.B. (KNOCKING AWAY  
BOUNDARIES)  
[54] (A.D.L.) ALLER AU-DEL~ DES  
LIMITES  
[72] EAST, JEFF, CA  
[71] EAST, JEFF, CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,316,603**  
[13] A1  
[51] Int.Cl. 7B23Q 11/10  
[25] EN  
[54] DEVICE FOR SUPPLYING  
COOLANT OF MACHINE TOOL  
[54] DISPOSITIF POUR ALIMENTER  
UNE MACHINE-OUTIL EN LIQUIDE  
DE REFROIDISSEMENT  
[72] KOBAYASHI, TAKASHI, JP  
[71] HORKOS CORP., JP  
[22] 2000-08-24  
[43] 2002-02-24

---

[21] **2,316,605**  
[13] A1  
[51] Int.Cl. 7A01K 1/035  
[25] EN  
[54] KNOCK-DOWN BED ASSEMBLY  
FOR RECEIVING DOMESTIC  
ANIMALS  
[54] LIT DEMONTABLE POUR  
ANIMAUX DOMESTIQUES  
[72] WIDRICH, DION, CA  
[71] WIDRICH, DION, CA  
[22] 2000-08-24  
[43] 2002-02-24

---

[21] **2,316,628**  
[13] A1  
[51] Int.Cl. 7G01F 25/00  
[25] EN  
[54] GAS METER CALIBRATION  
TESTING DEVICE  
[54] DISPOSITIF POUR TESTER  
L'ETALONNAGE D'UN COMPTEUR A  
GAZ  
[72] GRZESLO, RICHARD I., CA  
[72] SMICH, ANDREW, CA  
[71] GRZESLO, RICHARD I., CA  
[71] SMICH, ANDREW, CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,638**  
[13] A1  
[51] Int.Cl. 7A47F 9/00 7E04F 13/14  
[25] EN  
[54] COMPLETE PREFABRICATED  
TILE COUNTER IN COMPONENTS  
[54] COMPTOIR EN CERAMIQUE  
ENTIEREMENT PREFABRIQUE EN  
COMPOSANTES  
[72] WEINSTEIN, ALBERT I., US  
[71] WEINSTEIN, ALBERT I., US  
[22] 2000-08-24  
[43] 2002-02-24

---

[21] **2,316,643**  
[13] A1  
[51] Int.Cl. 7G06F 13/14 7G11C 7/00  
[25] EN  
[54] FAIR ASSIGNMENT OF  
PROCESSING RESOURCES TO  
QUEUED REQUESTS  
[54] ALLOCATION EQUITABLE DES  
RESSOURCES DE TRAITEMENT A DES  
DEMANDES EN FILE D'ATTENTE  
[72] SEEDS, GLEN, CA  
[71] COGNOS INCORPORATED, CA  
[22] 2000-08-24  
[43] 2002-02-24

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,316,660**  
[13] A1  
[51] **Int.Cl. 7G01L 5/00**  
[25] EN  
[54] **DOUBLE-ENDED LOAD CELL AND METHOD FOR MOUNTING SAME**  
[54] **CELLULE DE PESAGE DOUBLE ET METHODE D'INSTALLATION**  
[72] MCKENNA, PAUL A., CA  
[71] MCKENNA, PAUL A., CA  
[22] 2000-08-24  
[43] 2002-02-24

---

[21] **2,316,696**  
[13] A1  
[51] **Int.Cl. 7B26F 3/12 7B26D 7/10**  
[25] EN  
[54] **DEVICE FOR THERMALLY CUTTING A MOVING WEB OF TEXTILE MATERIAL**  
[54] **DISPOSITIF DE COUPE THERMIQUE DE BANDE DE TISSU EN MOUVEMENT**  
[72] SMIRLE, STEVEN JOHN, CA  
[71] SMIRLE, STEVEN JOHN, CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,701**  
[13] A1  
[51] **Int.Cl. 7A01K 15/00 7F16G 11/00**  
[25] EN  
[54] **STRING HOLDER**  
[54] **PORTE-FICELLE**  
[72] RAJEWSKI, ROBERT C., CA  
[71] RAJEWSKI, ROBERT C., CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,703**  
[13] A1  
[51] **Int.Cl. 7C08L 17/00 7B29C 47/08 7C08J 11/12**  
[25] EN  
[54] **METHOD AND SYSTEM FOR FABRICATING ELASTOMERIC ARTICLES**  
[54] **METHODE ET SYSTEME POUR PRODUIRE DES ARTICLES ELASTOMERES**  
[72] KUC, JOHN SR., US  
[71] KUC, JOHN SR., US  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,719**  
[13] A1  
[51] **Int.Cl. 7B60S 3/04**  
[25] EN  
[54] **MULTIFUNCTION CAR WASH GUN STRUCTURE**  
[54] **STRUCTURE DE PISTOLET DE LAVAGE-AUTO MULTIFONCTION**  
[72] CHIH, TI-AN, TW  
[71] CHIH, TI-AN, TW  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,726**  
[13] A1  
[51] **Int.Cl. 7A63B 53/04**  
[25] EN  
[54] **JIRO PUTTER**  
[54] **PUTTER JIRO**  
[72] McKINNON, ALEXANDER, US  
[71] McKINNON, ALEXANDER, US  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,732**  
[13] A1  
[51] **Int.Cl. 7E04F 11/18**  
[25] EN  
[54] **BLOW MOLDED RAILING SECTION**  
[54] **SECTION DE RAMPE MOULEE PAR SOUFFLAGE**  
[72] PETTIT, FREDRICK M., CA  
[72] HIGGINS, LAURIE D., CA  
[71] GSW INC., CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,735**  
[13] A1  
[51] **Int.Cl. 7F24F 3/147**  
[25] EN  
[54] **SINGLE COIL DUAL PATH DEHUMIDIFICATION SYSTEM**  
[54] **SYSTEME DE DESHUMIDIFICATION A SIMPLE SERPENTIN ET A DOUBLE VOIE**  
[72] ELLIOTT, BRYAN, CA  
[72] MIERINS, RAYMOND A., CA  
[71] CONSOLIDATED ENERGY SOLUTIONS, INC., CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,316,741**  
[13] A1  
[51] **Int.Cl. 7C08F 210/12 7C08F 236/02 7C08F 210/04 7C08F 232/06 7C08F 212/36**  
[25] EN  
[54] **IMPROVED PROCESSABILITY BUTYL RUBBER AND PROCESS FOR PRODUCTION THEREOF**  
[54] **BUTYLCAOUTCHOUC A TRANSFORMABILITE AMELIOREE ET METHODE DE PRODUCTION**  
[72] KASZAS, GABOR, CA  
[71] BAYER INC., CA  
[22] 2000-08-24  
[43] 2002-02-24

---

[21] **2,316,743**  
[13] A1  
[51] **Int.Cl. 7G06F 12/14 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **MANAGED DATABASE PRIVACY SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE PROTECTION DES RENSEIGNEMENTS PRIVES D'UNE BASE DE DONNEES GERE**  
[72] HILL, AUSTIN, CA  
[72] FAVVAS, GEORGE, CA  
[72] KATIRAI, HOOMAN, CA  
[71] ZERO-KNOWLEDGE SYSTEMS INC., CA  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,316,745**  
[13] A1  
[51] **Int.Cl. 7H04Q 1/08 7H05K 7/20**  
[25] EN  
[54] **TELECOMMUNICATIONS SYSTEM**  
[54] **SYSTEME DE TELECOMMUNICATIONS**  
[72] NICOLICI, MARKO, CA  
[72] KORPELA, KALVIN W., CA  
[72] CROSS, DOUGLAS B., CA  
[72] CARROLL, ROGER D., CA  
[72] ATKINSON, JOHN C., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-08-24  
[43] 2002-02-24

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,316,749**  
[13] A1

[51] **Int.Cl. 7A01G 9/02**  
[25] EN  
[54] **WIRE CHANNEL BENCH TRAY**  
[54] **PLATEAU POUR TUYAUX**  
[72] BARTLETT, J. PIKE JR., US  
[71] BARTLETT, J. PIKE JR., US  
[22] 2000-08-24  
[43] 2002-02-24

---

[21] **2,316,750**  
[13] A1

[51] **Int.Cl. 7C08G 18/67 7A61K 9/66 7A61K 35/66**  
[25] EN  
[54] **OLIGOMER FOR MEDIA TO ENTRAP MICROORGANISM, OLIGOMER-POLYMERIZED HYDROUS GEL, AND OLIGOMER-POLYMERIZED HYDROUS GEL ENTRAPPING MICROORGANISM**  
[54] **OLIGOMERE POUR MILIEU DESTINE A PIEGER DES MICROORGANISMES, GEL AQUEUX A BASE D'OLIGOMERE POLYMERISE ET GEL AQUEUX A BASE D'OLIGOMERE POLYMERISE PIEGEANT DES MICROORGANISMES**  
[72] MATSUYAMA, RYUICHI, JP  
[72] EMORI, HIROYOSHI, JP  
[72] KAYANOKI, MINORU, JP  
[72] SUMINO, TATSUO, JP  
[72] IGARASHI, TAMIO, JP  
[72] MORI, NAOMICHI, JP  
[72] NAKAMURA, TAKAYUKI, JP  
[72] MINAKI, TSUTOMU, JP  
[71] HITACHI PLANT ENGINEERING & CONSTRUCTION CO., LTD., JP  
[71] SHIN-NAKAMURA CHEMICAL CO., LTD., JP  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,316,752**  
[13] A1

[51] **Int.Cl. 7G02B 6/10 7G02F 1/00**  
[25] EN  
[54] **BLOCKLESS TECHNIQUES FOR SIMULTANEOUS POLISHING OF MULTIPLE FIBER OPTICS**  
[54] **TECHNIQUES SANS BLOCAGE PERMETTANT LE POLISSAGE SIMULTANE DE FIBRES OPTIQUES MULTIPLES**  
[72] MCCALLION, KEVIN J., US  
[72] LABARGE, KIM R., US  
[72] WAGONER, GREGORY A., US  
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,316,756**  
[13] A1

[51] **Int.Cl. 7F17D 1/08**  
[25] EN  
[54] **DRAINAGE SYSTEM FOR A VEHICLE HOLDING TANK**  
[54] **SYSTEME DE VIDANGE POUR CITERNE DE VEHICULE**  
[72] MILLER, VALDON VIRGIL, US  
[71] MILLER, VALDON VIRGIL, US  
[22] 2000-08-29  
[43] 2002-02-28

---

[21] **2,316,763**  
[13] A1

[51] **Int.Cl. 7A62B 35/00 7A62B 1/16**  
[25] EN  
[54] **ADAPTABLE RESCUE HARNESS AND METHOD OF USE**  
[54] **SANGLE DE SAUVETAGE ADAPTABLE ET METHODE D'UTILISATION**  
[72] DERBY, RONALD C., US  
[71] DERBY, RONALD C., US  
[22] 2000-08-29  
[43] 2002-02-28

---

[21] **2,316,939**  
[13] A1

[51] **Int.Cl. 7F16D 65/21**  
[25] FR  
[54] **FREIN ELECTROMAGNETIQUE**  
[54] **ELECTROMAGNETIC BRAKE**  
[72] MENARD, CHRISTIAN, FR  
[72] RAYMOND, BENOIT, CA  
[72] RANCOURT, YVON, CA  
[71] CORPORATION DE FREIN NEWTECH INC., CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,005**  
[13] A1

[51] **Int.Cl. 7A01C 23/04 7B05B 1/00**  
[25] EN  
[54] **EXTENDED RATE RANGE SPRAYER NOZZLE SYSTEM**  
[54] **SYSTEME DE LANCES DE PULVERISATION A PORTEE AUGMENTEE**  
[72] BARTEL, MARK, US  
[72] WILGER, WILFRED, CA  
[71] BARTEL, MARK, US  
[71] WILGER, WILFRED, CA  
[22] 2000-08-29  
[43] 2002-02-28

---

[21] **2,317,056**  
[13] A1

[51] **Int.Cl. 7C07F 7/10 7C07F 7/18**  
[25] EN  
[54] **FORMATION OF HYDROPHILIC SITES IN PARTIALLY SILYLATED MICELLE TEMPLATED SILICA**  
[54] **FORMATION DE SITES HYDROPHILES DANS DE LA SILICE PARTIELLEMENT SILYLEE A STRUCTURE DE MICELLE**  
[72] CROWTHER, NICOLAS, CA  
[72] BONNEVIOT, LAURENT, CA  
[72] BADIEI, ALIREZA, CA  
[71] UNIVERSITE LAVAL, CA  
[22] 2000-08-25  
[43] 2002-02-25

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,317,070**  
[13] A1  
[51] **Int.Cl. 7B61D 3/18 7B61D 47/00 7B61D 49/00 7B61G 5/02**  
[25] EN  
[54] **VEHICLE CARRYING RAIL ROAD CAR WITH REDUCED SLACK**  
[54] **WAGON DE CHEMIN DE FER TRANSPORTANT DES VEHICULES AVEC JEU REDUIT DES ATTELAGES**  
[72] FORBES, JAMES W., CA  
[71] NATIONAL STEEL CAR LIMITED, CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,081**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **ESTIMATION OF COLUMN CARDINALITY IN A PARTITIONED RELATIONAL DATABASE**  
[54] **EVALUATION DE LA CARDINALITE DES COLONNES DANS UNE BASE DE DONNEES RELATIONNELLE CLOISONNEE**  
[72] HAAS, PETER JAY, US  
[72] RJAIBI, WALID, CA  
[72] LOHMAN, GUY MARING, US  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,317,083**  
[13] A1  
[51] **Int.Cl. 7E03C 1/12**  
[25] EN  
[54] **STEP DRAIN**  
[54] **DRAIN ETAGE**  
[72] RUSBOURNE, ROBERT V., CA  
[71] RUSBOURNE, ROBERT V., CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,084**  
[13] A1  
[51] **Int.Cl. 7F41C 7/00**  
[25] EN  
[54] **FIREARM CONVERSION KIT**  
[54] **TROUSSE DE CONVERSION D'ARME A FEU**  
[72] DIONNE, SYLVAIN, CA  
[71] SNC TECHNOLOGIES INC., CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,085**  
[13] A1  
[51] **Int.Cl. 7H01J 49/26**  
[25] EN  
[54] **DEVICE AND METHOD FOR PREVENTING ION SOURCE GASES FROM ENTERING REACTION/ COLLISION CELLS IN MASS SPECTROMETRY**  
[54] **DISPOSITIF ET METHODE PERMETTANT DE PREVENIR L'ADMISSION DES GAZ DE LA SOURCE D'IONS DANS LES CHAMBRES DE REACTION/ COLLISION EN SPECTROMETRIE DE MASSE**  
[72] BANDURA, DMITRY R., CA  
[72] TANNER, SCOTT D., CA  
[72] BARANOV, VLADIMIR I., CA  
[71] MDS INC., CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,086**  
[13] A1  
[51] **Int.Cl. 7B04B 13/00**  
[25] EN  
[54] **CENTRIFUGAL CLEANER FOR INDUSTRIAL LUBRICANTS**  
[54] **APPAREIL DE NETTOYAGE PAR CENTRIFUGATION POUR DES LUBRIFIANTS INDUSTRIELS**  
[72] MAZZUCA, MICHAEL, CA  
[71] MAZZUCA, MICHAEL, CA  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,317,137**  
[13] A1  
[51] **Int.Cl. 7C23C 22/00 7C23C 8/00**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR METAL COLORING PROCESS**  
[54] **COMPOSITION ET METHODE POUR UN PROCEDE DE COLORATION D'UN METAL**  
[72] BLOCK, WILLIAM V., US  
[72] RAVENSCROFT, KEITH N., US  
[71] BIRCHWOOD LABORATORIES, INC., US  
[22] 2000-08-31  
[43] 2002-02-28

---

[21] **2,317,145**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G07F 19/00 7H04L 12/16 7H04L 9/32**  
[25] EN  
[54] **INTERNET PAYMENT SYSTEM**  
[54] **SYSTEME DE PAIEMENT SUR INTERNET**  
[72] BUJOLD, SERGE, CA  
[72] JOSEPH, JOHNSON, CA  
[72] TASCI, VARUJAN, CA  
[71] BUJOLD, SERGE, CA  
[71] JOSEPH, JOHNSON, CA  
[71] TASCI, VARUJAN, CA  
[22] 2000-08-31  
[43] 2002-02-28

---

[21] **2,317,148**  
[13] A1  
[51] **Int.Cl. 7A47G 21/00**  
[25] EN  
[54] **UTENSIL FOR CHILDREN**  
[54] **USTENSILE POUR ENFANTS**  
[72] WATSON, CURTIS G., US  
[71] PLAY IT SAFE, INC., US  
[22] 2000-08-31  
[43] 2002-02-28

---

[21] **2,317,150**  
[13] A1  
[51] **Int.Cl. 7B60S 9/02 7E02F 9/00**  
[25] EN  
[54] **STABILIZER PAD FOR VEHICLES**  
[54] **PLAQUETTE DE STABILISATION POUR VEHICULES**  
[72] LAGSDIN, ANDRY, US  
[71] LAGSDIN, ANDRY, US  
[22] 2000-08-31  
[43] 2002-02-28

---

[21] **2,317,151**  
[13] A1  
[51] **Int.Cl. 7B65D 1/18 7B65D 1/20**  
[25] EN  
[54] **LIQUID STORING AND DISPENSING UNIT**  
[54] **DISPOSITIF D'EMMAGASINAGE ET DE DISTRIBUTION DE LIQUIDE**  
[72] SCHMITT, ANTHONY L., US  
[71] SCHMITT, ANTHONY L., US  
[22] 2000-08-30  
[43] 2002-02-28

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,317,156**  
[13] A1

[51] **Int.Cl. 7A61H 1/00 7A63B 21/00 7A61H 37/00**  
[25] EN  
[54] **PHYSIOTHERAPY BENCH**  
[54] **BANC DE PHYSIOTHERAPIE**  
[72] TAYLOR, ROBERT, GB  
[72] HERMAN, PETER, GB  
[71] GAINSBOROUGH ACCESSORIES INTERNATIONAL LIMITED, GB  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,163**  
[13] A1

[51] **Int.Cl. 7B27D 1/10**  
[25] EN  
[54] **METHOD OF APPLYING VENEER TO A SUBSTRATE**  
[54] **METHODE D'APPLICATION DE PLACAGE SUR UN SUBSTRAT**  
[72] SCARIMBOLO, ROBERTO, CA  
[71] SCARIMBOLO, ROBERTO, CA  
[22] 2000-08-29  
[43] 2002-02-28

---

[21] **2,317,164**  
[13] A1

[51] **Int.Cl. 7A41B 1/20**  
[25] EN  
[54] **STIFFENER FOR SHIRT COLLAR**  
[54] **RAIDISSEUR DE COL DE CHEMISE**  
[72] REVELY, TIMOTHY JAMES, CA  
[72] MILLINGTON, TONY, CA  
[71] REVELY, TIMOTHY JAMES, CA  
[71] MILLINGTON, TONY, CA  
[22] 2000-08-29  
[43] 2002-02-28

---

[21] **2,317,183**  
[13] A1

[51] **Int.Cl. 7B61D 17/20 7B61D 47/00 7B61D 49/00 7B61D 3/18**  
[25] EN  
[54] **VEHICLE CARRYING RAIL ROAD CAR AND BRIDGE PLATE THEREFOR**  
[54] **WAGON PORTE-VEHICULES ET PONT DE LIAISON CONNEXE**  
[72] COSLOVI, ILARIO A., CA  
[72] FORBES, JAMES W., CA  
[71] NATIONAL STEEL CAR LIMITED, CA  
[22] 2000-08-30  
[43] 2002-02-28

---

---

[21] **2,317,185**  
[13] A1

[51] **Int.Cl. 7B61D 3/18**  
[25] EN  
[54] **VEHICLE CARRYING RAIL ROAD CAR STRUCTURE**  
[54] **STRUCTURE DE WAGON PORTE-VEHICULES**  
[72] FORBES, JAMES W., CA  
[72] COSLOVI, ILARIO A., CA  
[71] NATIONAL STEEL CAR LIMITED, CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,203**  
[13] A1

[51] **Int.Cl. 7B29D 31/515**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING A SHOE SOLE**  
[54] **METHODE DE FABRICATION D'UNE SEMELLE DE SOULIER**  
[72] CHANG, MEI-YUN, TW  
[71] EMIYA INTERNATIONAL CO., LTD., TW  
[22] 2000-08-31  
[43] 2002-02-28

---

[21] **2,317,205**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 12/12**  
[25] EN  
[54] **INFORMATION MANAGEMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE GESTION DE L'INFORMATION**  
[72] BOGORA, ANDREW K., CA  
[71] UPPER CANADA SYSTEMS, CA  
[22] 2000-08-31  
[43] 2002-02-28

---

[21] **2,317,207**  
[13] A1

[51] **Int.Cl. 7E04H 1/12**  
[25] EN  
[54] **DRIVING RANGE SHELTER**  
[54] **ABRI POUR CHAMP D'EXERCICE**  
[72] FULTON, ALLAN, CA  
[72] JOHNSON, RICHARD, CA  
[72] LIBBY, BENJAMIN, CA  
[72] REMPEL, BRUCE W., CA  
[71] DRYRAINGE EQUIPMENT COMPANY INC., CA  
[22] 2000-08-31  
[43] 2002-02-28

---

---

[21] **2,317,211**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7G06F 12/14 7H04L 12/22 7H04L 9/32**  
[25] EN  
[54] **FLEXIBLE METHOD OF SECURITY DATA BACKUP**  
[54] **METHODE FLEXIBLE DE SAUVEGARDE DE DONNEES DE SECURITE**  
[72] HILLHOUSE, ROBERT D., CA  
[72] HAMID, LAURENCE, CA  
[71] DEW ENGINEERING AND DEVELOPMENT LIMITED, CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,317,212**  
[13] A1

[51] **Int.Cl. 7B43L 7/00**  
[25] EN  
[54] **DRAFTING DEVICE**  
[54] **MATERIEL A DESSIN**  
[72] LEE, YUEH SHUANG, TW  
[71] LE SUMMIT INDUSTRIAL CO. LTD., TW  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,317,213**  
[13] A1

[51] **Int.Cl. 7H04L 9/00 7G06F 12/14 7H04L 12/22 7H04L 9/32**  
[25] EN  
[54] **METHOD TO DISCOURAGE DIGITAL CERTIFICATE LENDING**  
[54] **METHODE VISANT A DECOURAGER LE PRET DE CERTIFICATS LOGICIELS**  
[72] BRANDS, STEFANUS A., CA  
[71] BRANDS, STEFANUS A., CA  
[22] 2000-09-01  
[43] 2002-03-01

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] 2,317,218  
[13] A1

[51] **Int.Cl. 7B60J 11/00**  
[25] EN  
[54] **PROTECTIVE COVER  
COMPRISING AIR EVACUATION  
VENTS**  
[54] **COUVERCLE DE PROTECTION  
COMPRENANT DES EVENTS DE  
VENTILATION D'AIR**  
[72] STEWARD, JEF, CA  
[72] FRECHETTE, JOSEE, CA  
[71] STEWARD, JEF, CA  
[71] FRECHETTE, JOSEE, CA  
[22] 2000-09-01  
[43] 2002-03-01

[21] 2,317,224  
[13] A1

[51] **Int.Cl. 7B42F 1/00**  
[25] EN  
[54] **CLIPBOARD**  
[54] **PLANCHETTE A PINCE**  
[72] PETERSON, KURT, US  
[72] GOLUSZKA, MICHAEL, US  
[72] GUZZO, FRANK, US  
[71] TENEX CORPORATION, US  
[22] 2000-09-01  
[43] 2002-03-01

[21] 2,317,233  
[13] A1

[51] **Int.Cl. 7H05K 3/42**  
[25] EN  
[54] **ULTRASONICALLY ASSISTED  
PLATING BATH FOR VIAS  
METALLIZATION IN PRINTED  
CIRCUIT BOARD MANUFACTURING**  
[54] **BAIN GALVANOPLASTIQUE  
ASSISTE AUX ULTRASONS POUR LA  
METALLISATION DE TROUS DE  
LIAISON DANS LA FABRICATION DE  
CARTES DE CIRCUITS IMPRIMES**  
[72] FOURNIER, JOEL, CA  
[72] MENINI, RICHARD, CA  
[71] NATIONAL RESEARCH COUNCIL  
CANADA, CA  
[22] 2000-09-01  
[43] 2002-03-01

[21] 2,317,237  
[13] A1

[51] **Int.Cl. 7B60K 5/12**  
[25] EN  
[54] **ENGINE CONFIGURATION FOR  
MASS TRANSIT VEHICLE**  
[54] **CONFIGURATION DE MOTEUR  
POUR VEHICULES DE TRANSPORT EN  
COMMUN**  
[72] CAMPBELL, GLENN M., CA  
[72] MCFARLANE, BLAINE J., CA  
[72] OLISCHEFSKI, DERRIN L., CA  
[72] CRAMPTON, RON M., CA  
[72] HILDEBRAND, LOUIS P., CA  
[71] NEW FLYER INDUSTRIES LIMITED,  
CA  
[22] 2000-08-29  
[43] 2002-02-28

[21] 2,317,240  
[13] A1

[51] **Int.Cl. 7A01K 85/01**  
[25] EN  
[54] **FISHING LURE WITH  
INTERCHANGEABLE TAIL**  
[54] **APPAT AVEC QUEUE  
INTERCHANGEABLE**  
[72] PETERSON, LYLE M., US  
[71] PETERSON, LYLE M., US  
[22] 2000-08-30  
[43] 2002-02-28

[21] 2,317,242  
[13] A1

[51] **Int.Cl. 7A47K 3/02**  
[25] EN  
[54] **METHOD OF INSTALLING A  
BATHTUB AND A TEMPLATE  
THEREFOR**  
[54] **METHODE D'INSTALLATION DE  
BAIGNOIRE ET GABARIT CONNEXE**  
[72] WOERLEIN, GERHARD, CA  
[72] LEE, SANDY, CA  
[71] WOERLEIN, GERHARD, CA  
[71] LEE, SANDY, CA  
[22] 2000-08-31  
[43] 2002-02-28

[21] 2,317,253  
[13] A1

[51] **Int.Cl. 7F16L 9/19 7F16L 11/22**  
[25] EN  
[54] **PARTITIONED CONTINUOUS  
TUBE**  
[54] **TUBE CONTINU CLOISONNE**  
[72] CUNNINGHAM, EDMUND C., CA  
[71] CUNNINGHAM, EDMUND C., CA  
[22] 2000-08-30  
[43] 2002-02-28

[21] 2,317,264  
[13] A1

[51] **Int.Cl. 7H02K 11/00**  
[25] EN  
[54] **MOTOR MOUNTED SWITCH**  
[54] **INTERRUPTEUR MONTE SUR  
MOTEUR**  
[72] TATEISHI, ART, CA  
[71] TATEISHI, ART, CA  
[22] 2000-08-30  
[43] 2002-02-28

[21] 2,317,270  
[13] A1

[51] **Int.Cl. 7B61D 3/18 7B61D 17/00  
7B61G 5/02**  
[25] EN  
[54] **VEHICLE CARRYING RAIL ROAD  
CAR WITH DECK ACCESS FITTINGS**  
[54] **WAGON PORTE-VEHICULES  
AVEC RACCORDS D'ACCES AU  
PLANCHER**  
[72] COSLOVI, ILARIO A., CA  
[71] NATIONAL STEEL CAR LIMITED,  
CA  
[22] 2000-08-30  
[43] 2002-02-28

[21] 2,317,272  
[13] A1

[51] **Int.Cl. 7B61D 3/18 7B61G 5/02**  
[25] EN  
[54] **VEHICLE CARRYING RAIL ROAD  
CAR WITH BRIDGE PLATE  
ASSEMBLY**  
[54] **WAGON PORTE-VEHICULES  
AVEC PONT DE LIAISON**  
[72] FORBES, JAMES W., CA  
[72] COSLOVI, ILARIO A., CA  
[71] NATIONAL STEEL CAR LIMITED,  
CA  
[22] 2000-08-30  
[43] 2002-02-28

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,317,278**  
[13] A1

[51] **Int.Cl. 7B64G 1/24 7H04B 7/185**  
[25] EN  
[54] **SATELLITE CLUSTER  
COMPRISING A PLURALITY OF  
MODULAR SATELLITES**  
[54] **GRAPPE DE SATELLITES  
COMPRENANT PLUSIEURS  
SATELLITES MODULAIRES**  
[72] BETHSCHEIDER, GERHARD, DE  
[71] SOCIETE EUROPEENNE DES  
SATELLITES S.A., LU  
[22] 2000-08-29  
[43] 2002-02-28

---

[21] **2,317,290**  
[13] A1

[51] **Int.Cl. 7B31B 1/20**  
[25] EN  
[54] **PRESSER ASSEMBLY AND  
FIXTURE FOR FASTENING PRESSER  
ASSEMBLY**  
[54] **PRESSE ET BATI DE FIXATION**  
[72] SANDFORD, PETER E., CA  
[71] SANDFORD, PETER E., CA  
[22] 2000-08-29  
[43] 2002-02-28

---

[21] **2,317,305**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61K 35/12  
7A61K 31/7008**  
[25] EN  
[54] **METHOD OF ENHANCING  
CHONDROCYTE CELL GROWTH AND  
GLYCOSAMINOGLYCAN  
PRODUCTION**  
[54] **METHODE D'AMELIORATION DE  
LA CROISSANCE DE CELLULES DE  
CHONDROCYTE ET LA PRODUCTION  
DE GLYCOSAMINOGLYCANE**  
[72] ANASTASSIADES, TASSOS P., CA  
[71] ANASTASSIADES, TASSOS P., CA  
[22] 2000-08-29  
[43] 2002-02-28

---

---

[21] **2,317,307**  
[13] A1

[51] **Int.Cl. 7H04M 7/12**  
[25] EN  
[54] **A TELECOMMUNICATION  
DEVICE FOR INTERFACING  
BETWEEN TELECOMMUNICATION  
SYSTEMS WITH DISSIMILAR  
PROTOCOLS AND A METHOD  
THEREFOR**  
[54] **DISPOSITIF DE  
TELECOMMUNICATIONS SERVANT  
D'INTERFACE ENTRE DES SYSTEMES  
DE TELECOMMUNICATIONS AYANT  
DES PROTOCOLES DISSEMBLABLES  
ET METHODE CONNEXE**  
[72] BETTAN, GEORGES, CA  
[71] TELELIAISON INTERNATIONAL  
INC., CA  
[22] 2000-08-29  
[43] 2002-02-28

---

[21] **2,317,315**  
[13] A1

[51] **Int.Cl. 7B61D 3/18 7B61D 17/00  
7B61G 5/02 7B61D 17/20**  
[25] EN  
[54] **VEHICLE CARRYING RAIL ROAD  
CAR**  
[54] **WAGON DE CHEMIN DE FER  
TRANSPORTANT DES VEHICULES**  
[72] COSLOVI, ILARIO A., CA  
[72] FORBES, JAMES W., CA  
[71] NATIONAL STEEL CAR LIMITED,  
CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,316**  
[13] A1

[51] **Int.Cl. 7B61D 17/20 7B61D 3/18**  
[25] EN  
[54] **PROCESS FOR RAIL ROAD CAR  
WITH MOVABLE BRIDGE PLATES**  
[54] **PROCEDE APPLICABLE AUX  
WAGONS DE CHEMIN DE FER A  
PONT-LEVIS MOBILE**  
[72] COSLOVI, ILARIO A., CA  
[72] FORBES, JAMES W., CA  
[71] NATIONAL STEEL CAR LIMITED,  
CA  
[22] 2000-08-30  
[43] 2002-02-28

---

---

[21] **2,317,317**  
[13] A1

[51] **Int.Cl. 7E02D 29/14**  
[25] EN  
[54] **ADJUSTABLE MANHOLE COVER  
ASSEMBLY**  
[54] **TAMPON DE VISITE REGLABLE**  
[72] SUATAC, ISMAIL CEMIL, CA  
[71] SUATAC, ISMAIL CEMIL, CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,364**  
[13] A1

[51] **Int.Cl. 7C08F 236/12**  
[25] EN  
[54] **HYDROGENATED NITRILE  
RUBBERS WITH IMPROVED LOW-  
TEMPERATURE PROPERTIES**  
[54] **CAOUTCHOUCS NITRILES  
HYDROGENES AVEC PROPRIETES  
AMELIOREES A BASSE  
TEMPERATURE**  
[72] CASPER, RUDOLF, DE  
[72] STRAUCH, HANS CHRISTIAN, DE  
[72] WINKELBACH, HANS RAFAEL, DE  
[72] GAMLIN, JANET, CA  
[72] GUO, SHARON X., CA  
[72] BENDER, HARALD, CA  
[72] NGUYEN, PAUL, CA  
[71] BAYER INC., CA  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,317,376**  
[13] A1

[51] **Int.Cl. 7H01R 33/94**  
[25] EN  
[54] **TATT LAMP HOLDER**  
[54] **ADAPTATEUR DE DOUILLE  
D'AMPOULE**  
[72] AL-TURKI, ALI, KW  
[71] AL-TURKI, ALI, KW  
[22] 2000-08-25  
[43] 2002-02-25

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,317,377**  
[13] A1  
[51] **Int.Cl. 7G02B 26/02**  
[25] EN  
[54] **MECHANICALLY ADJUSTABLE FIBER OPTIC ATTENUATOR AND METHOD EMPLOYING SAME**  
[54] **ATTENUATEUR POUR FIBRE OPTIQUE A REGLAGE MECANIQUE ET METHODE D'UTILISATION DE CET ATTENUATEUR**  
[72] JAMESON, GARY O., US  
[72] MCCALLION, KEVIN J., US  
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,317,753**  
[13] A1  
[51] **Int.Cl. 7E05B 73/00 7E05B 65/00**  
[25] EN  
[54] **LUMBER LOCK**  
[54] **VERROU ANTIVOL DE PILE DE BOIS**  
[72] POOL, JOHN JR., CA  
[71] POOL, JOHN JR., CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,317,867**  
[13] A1  
[51] **Int.Cl. 7B60R 22/00**  
[25] EN  
[54] **CUSHION FOR USE WITH A SAFETY SEATBELT**  
[54] **COUSSIN A UTILISER AVEC CEINTURE DE SECURITE**  
[72] TELEKESI, GEZA, CA  
[71] TELEKESI, GEZA, CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,317,916**  
[13] A1  
[51] **Int.Cl. 7F28F 7/02 7F28F 21/00 7F28F 21/08**  
[25] EN  
[54] **HEAT EXCHANGE MATRIX WITH THREADED PASSAGES**  
[54] **MATRICE D'ECHANGE THERMIQUE A PASSAGES FILETES**  
[72] LODKA, HEAN, CA  
[71] LODKA, HEAN, CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,317,917**  
[13] A1  
[51] **Int.Cl. 7A45F 3/15**  
[25] EN  
[54] **CANOE CARRYING PAD**  
[54] **COUSSIN DE TRANSPORT DE CANOT**  
[72] KENNEDY, GREGG MALCOLM, CA  
[71] KENNEDY, GREGG MALCOLM, CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,317,926**  
[13] A1  
[51] **Int.Cl. 7B23K 26/34**  
[25] EN  
[54] **PROCESS AND DEVICE FOR LASER TREATMENTS OF INSIDE SURFACES**  
[54] **PROCESSUS ET DISPOSITIF POUR LE TRAITEMENT LASER DE SURFACES INTERIEURES**  
[72] FISCHER, ALFONS, DE  
[72] FEIKUS, FRANZ-JOSEF, DE  
[72] SACH, ACHIM, DE  
[72] BADY, TORSTEN, DE  
[72] BOHLING, MICHAEL, DE  
[72] LENSCH, GUNTER, DE  
[71] NU TECH GESELLSCHAFT FUR LASERTECHNIK, MATERIALPRUFUNG UND MESSTECHNIK M BH, DE  
[71] VAW ALUMINIUM AG, DE  
[22] 2000-08-31  
[43] 2002-02-28

---

[21] **2,317,935**  
[13] A1  
[51] **Int.Cl. 7A63F 1/00 7G09B 19/00 7A63F 3/00**  
[25] EN  
[54] **ADVENTURE CHALLENGE ENTERTAINMENT DEVICE AND EDUCATIONAL TOOL**  
[54] **DISPOSITIF DE DIVERTISSEMENT ET OUTIL EDUCATIF OFFRANT DES AVENTURES**  
[72] SCHROEDER, KARL, CA  
[71] SCHROEDER, KARL, CA  
[22] 2000-08-30  
[43] 2002-02-28

---

[21] **2,317,937**  
[13] A1  
[51] **Int.Cl. 7A01K 97/10**  
[25] EN  
[54] **FISHING ROD RETENTION/ RELEASE MECHANISM**  
[54] **MECANISME DE RETENUE/ D'EXTENSION DE CANNE A PECHE**  
[72] ELFORD, DAVID DONOVAN, CA  
[71] ELFORD, DAVID DONOVAN, CA  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,317,946**  
[13] A1  
[51] **Int.Cl. 7A01G 23/00**  
[25] FR  
[54] **COUTEAU POUR TETE DE COUPE A ROTOR HORIZONTAL**  
[54] **KNIFE FOR CUTTING HEAD WITH HORIZONTAL ROTOR**  
[72] GAUDREAU, GUY, CA  
[71] GAUDREAU, GUY, CA  
[22] 2000-08-24  
[43] 2002-02-24

---

[21] **2,317,952**  
[13] A1  
[51] **Int.Cl. 7B60P 3/355**  
[25] EN  
[54] **MULTIPURPOSE WORKING, LOAD CARRYING AND CAMPING PLATFORM STRUCTURE**  
[54] **STRUCTURE DE PLATE-FORME POLYVALENTE DE TRAVAIL, DE CHARGEMENT ET DE CAMPING**  
[72] TRAN-NGOC, TRUC, CA  
[71] TRAN-NGOC, TRUC, CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,317,958**  
[13] A1  
[51] **Int.Cl. 7A47J 36/00**  
[25] EN  
[54] **COOKWARE WITH THERMOMETER**  
[54] **PORCELAINE CULINAIRE A THERMOMETRE**  
[72] BARDHAN, SOBHANA, CA  
[71] BARDHAN, SOBHANA, CA  
[22] 2000-08-30  
[43] 2002-02-28

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,317,960**  
[13] A1

[51] **Int.Cl. 7G09B 5/00 7G06F 17/00 7H04L 12/16**  
[25] EN  
[54] **A SOFTWARE EDUCATIONAL PROCESS FOR EDUCATIONAL GAMES DEVELOPMENT, ENTITLED INTERACTIVE CLASSICS**  
[54] **PROCESSUS EDUCATIF INFORMATISE POUR LE DEVELOPPEMENT DE JEUX EDUCATIFS, INTITULE « INTERACTIVE CLASSICS »**  
[72] BRISSON, ANDRE J., CA  
[71] BRISSON, ANDRE J., CA  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,317,961**  
[13] A1

[51] **Int.Cl. 7F41C 33/00**  
[25] EN  
[54] **SLINGER-SLEEVE**  
[54] **MANCHON DE TRANSPORT**  
[72] MACMILLAN, DONALD JAMES, CA  
[71] MACMILLAN, DONALD JAMES, CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,317,962**  
[13] A1

[51] **Int.Cl. 7A45D 26/00**  
[25] EN  
[54] **SILK FACE**  
[54] **VISAGE SOYEUX**  
[72] DARA, FOROOGH S., CA  
[71] DARA, FOROOGH S., CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,317,963**  
[13] A1

[51] **Int.Cl. 7B03C 1/32**  
[25] EN  
[54] **MAGNETIC SEPARATION - FLOTATION CENTRIFUGE**  
[54] **CENTRIFUGEUSE A SEPARATION ET FLOTTATION MAGNETIQUES**  
[72] HEINRICH, GERHARD W., CA  
[71] HEINRICH, GERHARD W., CA  
[22] 2000-08-29  
[43] 2002-02-28

---

---

[21] **2,317,964**  
[13] A1

[51] **Int.Cl. 7A63B 67/14**  
[25] EN  
[54] **CURLING BRUSH HEAD**  
[54] **TETE DE BROSE PERMETTANT DE FRISER LES CHEVEUX**  
[72] OLESON, DAVIN E., CA  
[71] OLESON, DAVIN E., CA  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,318,017**  
[13] A1

[51] **Int.Cl. 7E04H 15/02 7A47B 96/02 7E04H 15/32**  
[25] EN  
[54] **FOLD-A-TENT**  
[54] **TENTE PLIANTE**  
[72] RAFTIS, DAVID M., CA  
[71] RAFTIS, DAVID M., CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,318,021**  
[13] A1

[51] **Int.Cl. 7A63B 23/02**  
[25] FR  
[54] **ROLLO-THORAX**  
[54] **ROLLO-THORAX**  
[72] STRAUB, ALAIN, CA  
[71] STRAUB, ALAIN, CA  
[22] 2000-08-28  
[43] 2002-02-28

---

[21] **2,318,287**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7H04M 3/493**  
[25] EN  
[54] **SYSTEM INTEGRATED FRAMEWORK**  
[54] **CADRE INTEGRE AU SYSTEME**  
[72] PERKINS, MATHEW NICHOLAS, CA  
[72] CHURCH, ROBERT JAMES, CA  
[72] ROBERTS, NOEL, CA  
[71] ARIA SOLUTIONS INC., CA  
[22] 2000-08-30  
[43] 2002-02-28

---

---

[21] **2,318,295**  
[13] A1

[51] **Int.Cl. 7B60S 3/04**  
[25] EN  
[54] **MOBILE CONTAINMENT PAD**  
[54] **ENCEINTE DE CONFINEMENT MOBILE**  
[72] WASSICK, ERIC MONTGOMERY, CA  
[71] WASSICK, ERIC MONTGOMERY, CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,318,297**  
[13] A1

[51] **Int.Cl. 7E21B 43/26**  
[25] EN  
[54] **FRACTURING FLUID**  
[54] **LIQUIDE DE FRACTURATION**  
[72] ZHANG, KEWEI, CA  
[71] TRICAN WELL SERVICE LTD., CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,318,298**  
[13] A1

[51] **Int.Cl. 7C07D 311/16 7C12Q 1/00 7G01N 33/53 7G01N 33/573**  
[25] EN  
[54] **7-ALKOXYCOUMARINS AS CYTOCHROME P450 SUBSTRATES**  
[54] **7-ALKOXYCOUMARINES EN TANT QUE SUBSTRATS DE CYTOCHROME P450**  
[72] CLARKE, STEPHEN EDWARD, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,318,299**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G11B 20/00 7G06F 9/445**  
[25] EN  
[54] **METADATA EXCHANGE**  
[54] **AUTOCOMMUTEUR DE METADONNEES**  
[72] IGNAT, LIVIU, CA  
[72] CAZEMIER, HENK, CA  
[71] COGNOS INCORPORATED, CA  
[22] 2000-09-01  
[43] 2002-03-01

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,318,310**  
[13] A1  
[51] **Int.Cl. 7G06F 7/04**  
[25] EN  
[54] **CD-DISK IDENTIFICATION THROUGH A PATTERN ANALYSIS**  
[54] **IDENTIFICATION DE DISQUES COMPACTS PAR L'INTERMEDIAIRE DE L'ANALYSE DE MODELES**  
[72] SALIAHOV, OLEG, RU  
[71] SALIAHOV, OLEG, RU  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,318,318**  
[13] A1  
[51] **Int.Cl. 7H03K 21/00 7H03K 5/14 7G01R 31/3177**  
[25] EN  
[54] **HIGH-SPEED TEST CYCLE COUNTER**  
[54] **COMPTEUR DE CYCLES HAUTE VITESSE POUR TESTS AUTOMATISES**  
[72] ISRAEL, ADRIAN, CA  
[72] DEFAZIO, JODY, CA  
[71] MOSAID TECHNOLOGIES INC., CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,318,583**  
[13] A1  
[51] **Int.Cl. 7F42D 5/00**  
[25] EN  
[54] **EXPLOSIVE IGNITION HOLDER**  
[54] **SUPPORT D'AMORCAGE POUR EXPLOSIFS**  
[72] HENNESSY, THOMAS, CA  
[71] HENNESSY, THOMAS, CA  
[22] 2000-08-25  
[43] 2002-02-25

---

[21] **2,318,672**  
[13] A1  
[51] **Int.Cl. 7A01G 27/02 7A01G 25/16 7A01G 9/24 7B65D 83/44**  
[25] EN  
[54] **DISSOLVABLE PLUG FLOW CONTROLLER**  
[54] **BOUCHON REGULATEUR DE DEBIT SOLUBLE**  
[72] HOUSE, VINCENT E., CA  
[71] HOUSE, VINCENT E., CA  
[22] 2000-09-01  
[43] 2002-03-01

---

[21] **2,319,314**  
[13] A1  
[51] **Int.Cl. 7A63B 55/00 7A45F 5/00**  
[25] EN  
[54] **GOLF CLUB CARRYING RACK**  
[54] **RATELIER DE TRANSPORT DE BATONS DE GOLF**  
[72] MIURA, ATSUSHI, CA  
[71] MIURA, ATSUSHI, CA  
[22] 2000-09-02  
[43] 2002-03-02

---

[21] **2,319,619**  
[13] A1  
[51] **Int.Cl. 7E02F 3/40**  
[25] EN  
[54] **LIP FOR AN EXCAVATION BUCKET**  
[54] **LEVRE POUR PELLE D'EXCAVATION**  
[72] ZAAVMAN, OSWALD CORNELIUS DANNHAUSER, ZA  
[72] ESTERHUYSE, SCHALK WILLEM PETRUS, ZA  
[71] CATERPILLAR SARL, CH  
[22] 2000-09-14  
[43] 2002-02-28  
[30] ZA (2000/4547) 2000-08-31

---

[21] **2,324,161**  
[13] A1  
[51] **Int.Cl. 7F16C 3/02**  
[25] EN  
[54] **FLEXIBLE SHAFT WITH HELICAL SQUARE END**  
[54] **ARBRE SOUPLE AVEC EXTREMITE D'EQUERRE HELICOIDALE**  
[72] RUPP, GLENN A., US  
[71] S.S. WHITE TECHNOLOGIES INC., US  
[22] 2000-10-24  
[43] 2002-02-28  
[30] US (09/652,103) 2000-08-30

---

[21] **2,324,876**  
[13] A1  
[51] **Int.Cl. 7H04B 15/00 7H04Q 7/36**  
[25] EN  
[54] **"CO-CHANNEL INTERFERENCE DETECTION AND REDUCTION AT CHANNEL FREQUENCY RE-TUNING"**  
[54] **« DETECTION ET REDUCTION DU BROUILLAGE DANS UNE MEME VOIE PENDANT LA REMISE AU POINT DE LA FREQUENCE DE VOIE »**  
[72] JANTO, MARIA, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 2000-10-31  
[43] 2002-03-01  
[30] US (09/653,699) 2000-09-01

---

[21] **2,327,447**  
[13] A1  
[51] **Int.Cl. 7B01D 45/14**  
[25] EN  
[54] **PRESSURIZED CYCLONE INCLUDING AGITATOR ASSEMBLY**  
[54] **CYCLONE PRESSURISE, Y COMPRIS UN AGITATEUR**  
[72] McBLANE, JOHN ANTHONY, US  
[72] FRANKO, ANDREW, US  
[72] BOUCHILLON, CHARLES WESLEY, US  
[71] FLUID-QUIP, INC., US  
[22] 2000-12-04  
[43] 2002-03-01  
[30] US (09/653,370) 2000-09-01

---

[21] **2,329,971**  
[13] A1  
[51] **Int.Cl. 7B62D 15/00**  
[25] EN  
[54] **STEERING GEAR FRAME**  
[54] **CADRE POUR MECANISME DE DIRECTION**  
[72] LEE, UN-KOO, KR  
[71] HYUNDAI MOTOR COMPANY, KR  
[22] 2000-12-29  
[43] 2002-02-24  
[30] KR (2000-49152) 2000-08-24

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,331,567**  
[13] A1

[51] **Int.Cl. 7H01S 5/34**  
[25] EN  
[54] **LASER-INDUCED BANDGAP SHIFTING FOR PHOTONIC DEVICE INTEGRATION**  
[54] **DEPLACEMENT DE LA LARGEUR DE BANDE INTERDITE CREEE PAR LASER POUR L'INTEGRATION D'UN DISPOSITIF PHOTONIQUE**  
[72] DUBOWSKI, JAN J., CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 2001-01-18  
[43] 2002-03-01  
[30] US (09/654,614) 2000-09-01

---

[21] **2,333,866**  
[13] A1

[51] **Int.Cl. 7A01K 29/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING RISK THAT A THROWN TOY WILL INJURE AN ANIMAL**  
[54] **METHODE ET APPAREIL POUR REDUIRE LE RISQUE QU'UN JOUET LANCE BLESSERA UN ANIMAL**  
[72] CURRY, JON K., US  
[71] CURRY, JON K., US  
[22] 2001-02-01  
[43] 2002-02-25  
[30] US (09/648,287) 2000-08-25

---

[21] **2,334,074**  
[13] A1

[51] **Int.Cl. 7F21V 1/06**  
[25] EN  
[54] **ONE-PIECE COLLAPSIBLE LAMPSHADE**  
[54] **ABAT-JOUR PLIANT D'UNE SEULE PIECE**  
[72] LONG, ALAN M., US  
[71] CHEYENNE INDUSTRIES, INC., US  
[22] 2001-02-02  
[43] 2002-02-24  
[30] US (09/645,378) 2000-08-24

---

---

[21] **2,334,505**  
[13] A1

[51] **Int.Cl. 7B01D 53/52**  
[25] EN  
[54] **REMOVING HYDROGEN SULFIDE FROM A GASEOUS MIXTURE USING IRON HYDROXIDE BONDED TO CALCINED DIATOMITE**  
[54] **ELIMINATION DU SULFURE D'HYDROGENE PRESENT DANS UN MELANGE GAZEUX A L'AIDE D'HYDROXYDE DE FER FIXE A DE LA DIATOMITE CALCINEE**  
[72] HUM, JEFFREY K., CA  
[72] WINCHESTER, ERIC L., CA  
[72] MCMULLIN, MICHAEL J., CA  
[71] HUM, JEFFREY K., CA  
[71] WINCHESTER, ERIC L., CA  
[71] MCMULLIN, MICHAEL J., CA  
[22] 2001-02-07  
[43] 2002-02-28  
[30] CA (2,317,033) 2000-08-29

---

[21] **2,335,668**  
[13] A1

[51] **Int.Cl. 7H01F 27/08**  
[25] EN  
[54] **WINDING STRUCTURE OF INDUCTION ELECTRIC APPARATUS**  
[54] **STRUCTURE D'ENROULEMENTS D'APPAREILS ELECTRIQUES A INDUCTION**  
[72] UNEMI, AKIHIRO, JP  
[72] KOTOH, SATORU, JP  
[72] HAYASE, GAKU, JP  
[72] ICHINOSE, YUTA, JP  
[72] HOSHINO, TAKASHI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 2001-02-12  
[43] 2002-02-28  
[30] JP (P 2000-259142) 2000-08-29

---

[21] **2,336,242**  
[13] A1

[51] **Int.Cl. 7F24C 15/00**  
[25] EN  
[54] **BLOWER ASSEMBLY FOR SELF-CLEANING CONVECTION OVEN**  
[54] **VENTILATEUR POUR FOUR A CONVECTION AUTONETTOYANT**  
[72] WHIPPLE, ROBERT Z., JR., US  
[71] MAYTAG CORPORATION, US  
[22] 2001-03-01  
[43] 2002-02-28  
[30] US (09/650,415) 2000-08-29

---

---

[21] **2,336,432**  
[13] A1

[51] **Int.Cl. 7A61K 9/36**  
[25] EN  
[54] **MONOLAYER SUGAR-COATED TABLET AND PROCESS FOR PREPARATION THEREOF**  
[54] **PASTILLE RECOUVERTE D'UNE MONOCOUCHE DE SUCRE ET PROCEDE POUR SA PREPARATION**  
[72] TAKEUCHI, TOSHIO, JP  
[71] TEIKOKU HORMONE MFG. CO., LTD., JP  
[22] 2001-03-01  
[43] 2002-02-28  
[30] JP (2000-262774) 2000-08-31

---

[21] **2,336,764**  
[13] A1

[51] **Int.Cl. 7G11B 23/03 7G11B 33/00 7G06F 1/16**  
[25] EN  
[54] **PCMCIA COMPARTMENT**  
[54] **COMPARTIMENT POUR CARTES PCMCIA**  
[72] RONZANI, PETER A., US  
[72] HONG, PETER S., US  
[72] WILLIAMS, JOHN W., US  
[72] JENKINS, MICHAEL D., US  
[71] XYBERNAUT CORPORATION, US  
[22] 2001-02-15  
[43] 2002-02-24  
[30] US (09/645,843) 2000-08-24

---

[21] **2,338,672**  
[13] A1

[51] **Int.Cl. 7B60R 5/00 7B62D 53/00**  
[25] EN  
[54] **STORAGE COMPARTMENT FOR A VEHICLE**  
[54] **COFFRE A ACCESSOIRES POUR VEHICULE**  
[72] COOK, CHARLES L., US  
[72] SCHNECK, FRANK H., JR., US  
[72] KAHN, WILLIAM C., US  
[72] COREY, JEFFREY S., US  
[71] PACCAR INC, US  
[22] 2001-02-27  
[43] 2002-03-01  
[30] US (09/653,795) 2000-09-01

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] **2,339,542**  
[13] A1

[51] **Int.Cl. 7F21V 27/00**  
[25] EN  
[54] **LAMP HAVING PULL CORD GUIDE DEVICE**  
[54] **LAMPE MUNIE D'UN DISPOSITIF GUIDE POUR LE CORDON DE TIRAGE**  
[72] PHILLIPS, TODD L., US  
[72] GARBER, THOMAS A., US  
[71] QUOIZEL, INC., US  
[22] 2001-03-05  
[43] 2002-03-01  
[30] US (09/653,634) 2000-09-01

[21] **2,340,491**  
[13] A1

[51] **Int.Cl. 7H04M 3/22 7H04B 17/00 7H04Q 3/64**  
[25] EN  
[54] **SELECTION OF COMMUNICATIONS FOR SERVICE OBSERVING BASED ON REAL-TIME DYNAMIC PARAMETERS**  
[54] **SELECTION DE COMMUNICATIONS POUR L'OBSERVATION DE SERVICES A PARTIR DE PARAMETRES DYNAMIQUES EN TEMPS REEL**  
[72] NALBONE, ROBERT DANIEL, US  
[72] FOSTER, SUJEANNE, US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2001-03-12  
[43] 2002-02-28  
[30] US (09/649,524) 2000-08-28

[21] **2,342,005**  
[13] A1

[51] **Int.Cl. 7B27B 17/02**  
[25] EN  
[54] **LIGHTWEIGHT CHAIN SAW BAR GUIDE-CHAINE DE TRONCONNEUSE LEGER**  
[72] PENROSE, DAVID SCOTT, US  
[72] BREITBARTH, ROBERT H., US  
[71] BLOUNT, INC., US  
[22] 2001-03-21  
[43] 2002-02-28  
[30] US (09/650,426) 2000-08-29

[21] **2,342,035**  
[13] A1

[51] **Int.Cl. 7G09F 3/02 7G09F 3/08**  
[25] EN  
[54] **DISPLAY PLACARD FOR LADDERS**  
[54] **AFFICHETTE D'ETALAGE POUR ECHELLES**  
[72] BREMICK, LORI J., US  
[71] LOUISVILLE LADDER GROUP, LLC, US  
[22] 2001-03-23  
[43] 2002-02-28  
[30] US (09/649,127) 2000-08-28

[21] **2,343,609**  
[13] A1

[51] **Int.Cl. 7E04B 2/86**  
[25] EN  
[54] **TILT-UP WALL MUR BASCULANT**  
[72] MOORE, JAMES D., JR., US  
[71] MOORE, JAMES D., JR., US  
[22] 2001-04-10  
[43] 2002-03-01  
[30] US (09/654,024) 2000-09-01

[21] **2,343,625**  
[13] A1

[51] **Int.Cl. 7E01C 23/16**  
[25] EN  
[54] **CONCRETE EDGE STAMP AND METHOD FOR SHAPING A CONCRETE SURFACE**  
[54] **POINCON A BORDURES DE BETON ET METHODE DE MISE EN FORME D'UNE SURFACE DE BETON**  
[72] HUNSAKER, THEO R., US  
[71] HUNSAKER BROS., INC., US  
[22] 2001-04-10  
[43] 2002-02-28  
[30] US (09/651,449) 2000-08-30

[21] **2,344,734**  
[13] A1

[51] **Int.Cl. 7E21B 43/22**  
[25] EN  
[54] **WELL TREATMENT FLUIDS AND METHODS FOR THE USE THEREOF**  
[54] **LIQUIDES DE TRAITEMENT DE PUIT ET METHODE D'UTILISATION**  
[72] VOLLMER, DANIEL PATRICK, US  
[71] OSCA, INC., US  
[22] 2001-04-20  
[43] 2002-02-25  
[30] US (09/648,327) 2000-08-25

[21] **2,344,881**  
[13] A1

[51] **Int.Cl. 7B32B 27/06 7B32B 33/00 7G21F 1/12**  
[25] EN  
[54] **RADIATION SHIELDED LAMINATE**  
[54] **STRATIFIE COMPORTANT UNE COUCHE DE PROTECTION CONTRE LE RAYONNEMENT**  
[72] TEPERA, GENEVIEVE L., US  
[72] KREBS, ROBERT R., US  
[72] PHELPS, ERNEST L., US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 2001-04-23  
[43] 2002-02-28  
[30] US (09/649,089) 2000-08-28

[21] **2,345,165**  
[13] A1

[51] **Int.Cl. 7B65G 47/52**  
[25] EN  
[54] **TRANSFER MECHANISM FOR MULTIPLE LEVEL CONVEYOR**  
[54] **MECANISME DE TRANSFERT DE CONVOYEUR A NIVEAUX MULTIPLES**  
[72] BROWN, EDMUND W., US  
[71] TOPPER INDUSTRIAL, INC., US  
[22] 2001-04-25  
[43] 2002-02-28  
[30] US (09/649835) 2000-08-29

[21] **2,345,433**  
[13] A1

[51] **Int.Cl. 7H05K 5/02 7H05K 5/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVED FOLD RETENTION ON A SECURITY ENCLOSURE**  
[54] **METHODE ET APPAREIL PERMETTANT LE MAINTIEN AMELIORE DE PLIS D'UNE ENCEINTE DE SECURITE**  
[72] CESANA, MARIO L., IT  
[72] FARQUHAR, DONALD S., US  
[72] BUTTURINI, GIUSEPPE, IT  
[72] FONTANA, FULVIO, IT  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-04-27  
[43] 2002-03-01  
[30] US (09/654,543) 2000-09-01

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,345,930**  
[13] A1

[51] **Int.Cl. 7C02F 1/62**  
[25] EN  
[54] **REMOVING CHROMIUM FROM WATER**  
[54] **RETRAIT DU CHROMIUM DE L'EAU**  
[72] WINCHESTER, ERIC L., CA  
[72] MCMULLIN, MICHAEL J., CA  
[71] WINCHESTER, ERIC L., CA  
[71] MCMULLIN, MICHAEL J., CA  
[22] 2001-05-03  
[43] 2002-02-28  
[30] CA (2,317,033) 2000-08-29  
[30] CA (2,334,505) 2001-02-07

---

[21] **2,346,271**  
[13] A1

[51] **Int.Cl. 7B65G 47/64**  
[25] EN  
[54] **FLIP-FLOP ASSEMBLY FOR CONVEYOR SYSTEM**  
[54] **ENSEMBLE DE BASCULE POUR SYSTEME DE CONVOYEUR**  
[72] BROWN, EDMUND W., US  
[71] TOPPER INDUSTRIAL, INC., US  
[22] 2001-05-04  
[43] 2002-02-28  
[30] US (09/649835) 2000-08-29  
[30] US (09/769589) 2001-01-25

---

[21] **2,346,450**  
[13] A1

[51] **Int.Cl. 7F24F 7/02**  
[25] EN  
[54] **TILE ROOF RIDGE VENT**  
[54] **EVENT DE FAITAGE DE TUILES DE TOIT**  
[72] SMITH, RICHARD D., US  
[71] SMITH, RICHARD D., US  
[22] 2001-05-07  
[43] 2002-02-28  
[30] US (09/651,038) 2000-08-30  
[30] US (09/721,359) 2000-11-22

---

[21] **2,346,632**  
[13] A1

[51] **Int.Cl. 7F16F 9/24**  
[25] EN  
[54] **DAMPENING CYLINDER FOR TRANSFER MECHANISM**  
[54] **CYLINDRE MOUILLEUR POUR MECANISME DE TRANSFERT**  
[72] BROWN, EDMUND W., US  
[71] TOPPER INDUSTRIAL, INC., US  
[22] 2001-05-08  
[43] 2002-02-28  
[30] US (09/649835) 2000-08-29  
[30] US (09/769590) 2001-01-25

---

[21] **2,348,187**  
[13] A1

[51] **Int.Cl. 7C09D 133/14 7C09D 143/04**  
[25] EN  
[54] **LOW GLOSS CROSSLINKABLE COATING COMPOSITIONS**  
[54] **COMPOSITIONS DE REVETEMENT RETICULABLES PEU BRILLANTES**  
[72] CHUNG, DING-YU, US  
[72] PAQUET, DONALD ALBERT JR., US  
[72] HAZAN, ISIDOR, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 2001-05-18  
[43] 2002-02-24  
[30] US (09/645,094) 2000-08-24

---

[21] **2,348,335**  
[13] A1

[51] **Int.Cl. 7F23D 14/58 7F23D 14/84**  
[25] EN  
[54] **BURNER NOZZLE WITH CURVED HEAD**  
[54] **BEC DE CHALUMEAU AVEC TETE RECOURBEE**  
[72] MARICIC, RICHARD, US  
[72] HUTCHINSON, THOMAS F., JR., US  
[71] BECKETT GAS, INC., US  
[22] 2001-05-23  
[43] 2002-02-24  
[30] US (09/645,701) 2000-08-24

---

[21] **2,348,818**  
[13] A1

[51] **Int.Cl. 7E05F 5/00**  
[25] EN  
[54] **RETRACTABLE DOOR STOP FOR SLIDING DOOR**  
[54] **ARRET DE PORTE AMOVIBLE POUR PORTE COULISSANTE**  
[72] JOHNSON, JAMES T., US  
[71] JOHNSON, JAMES T., US  
[22] 2001-04-25  
[43] 2002-02-24  
[30] US (09/645,633) 2000-08-24

---

[21] **2,349,280**  
[13] A1

[51] **Int.Cl. 7B60K 11/02 7F01P 3/18**  
[25] EN  
[54] **THERMAL MANAGEMENT SYSTEM FOR AN ELECTROCHEMICAL ENGINE**  
[54] **SYSTEME DE GESTION THERMIQUE POUR MOTEUR ELECTROCHIMIQUE**  
[72] WHITEHEAD, LEE CURTIS, US  
[72] DAUM, RONALD J., US  
[71] GENERAL MOTORS CORPORATION, US  
[22] 2001-05-31  
[43] 2002-02-24  
[30] US (09/644,506) 2000-08-24

---

[21] **2,349,632**  
[13] A1

[51] **Int.Cl. 7G10G 5/00**  
[25] EN  
[54] **MUSICAL INSTRUMENT STAND**  
[54] **SUPPORT D'INSTRUMENT DE MUSIQUE**  
[72] WILFER, HANS-PETER, DE  
[71] WILFER, HANS-PETER, DE  
[22] 2001-06-04  
[43] 2002-02-28  
[30] EP (00 118 805.1) 2000-08-30

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,349,642**  
[13] A1  
[51] **Int.Cl. 7H01M 8/00 7H01M 8/02 7H01M 2/14 7H01M 8/24**  
[25] EN  
[54] **FUEL CELL WITH VARIABLE POROSITY GAS DISTRIBUTION LAYERS**  
[54] **PILE A COMBUSTIBLE COMPORTANT DES COUCHES DE DISTRIBUTION DE GAZ A POROSITE VARIABLE**  
[72] FLY, GERALD W., US  
[72] BRADY, BRIAN K., US  
[71] GENERAL MOTORS CORPORATION, US  
[22] 2001-05-31  
[43] 2002-02-28  
[30] US (09/651,934) 2000-08-31

---

[21] **2,349,799**  
[13] A1  
[51] **Int.Cl. 7F16B 1/00 7A63G 9/00**  
[25] EN  
[54] **BRACKET**  
[54] **FERRURE SUPPORT**  
[72] LECHER, NOEL, US  
[72] ROBERTSON, JEFFREY S., US  
[71] PLAYNATION PLAY SYSTEMS, INC., US  
[22] 2001-06-07  
[43] 2002-02-28  
[30] US (60/229,623) 2000-08-31  
[30] US (09/778,642) 2001-02-07

---

[21] **2,349,884**  
[13] A1  
[51] **Int.Cl. 7A47L 19/04 7A47J 47/20**  
[25] EN  
[54] **DISH DRAINER AND TRAY SYSTEM WITH COMPACT STORAGE OF THE TRAY**  
[54] **EGOUTTOIR ET PATEAU SE RANGEANT DANS L'EGOUTTOIR**  
[72] HALEY, VINCE, US  
[72] GILBERT, CHRISTOPHER, US  
[72] O'BRIEN, SEAN MICHAEL, US  
[72] TRAVERS, JOHN F., US  
[71] RUBBERMAID INCORPORATED, US  
[22] 2001-06-06  
[43] 2002-02-28  
[30] US (09/649,399) 2000-08-28

---

[21] **2,350,015**  
[13] A1  
[51] **Int.Cl. 7H04N 5/445 7G02B 27/01**  
[25] EN  
[54] **HEAD MOUNTED DISPLAY FOR VIEWING SUBTITLES AND CLOSED CAPTIONS IN MOVIE THEATERS**  
[54] **AFFICHEUR MONTE SUR LA TETE PERMETTANT DE LIRE LES SOUS-TITRES ET LES SOUS-TITRES CODES DANS LES CINEMAS**  
[72] NEWMAN, EDWARD G., US  
[71] XYBERNAUT CORPORATION, US  
[22] 2001-06-11  
[43] 2002-02-28  
[30] US (09/650,547) 2000-08-30

---

[21] **2,350,138**  
[13] A1  
[51] **Int.Cl. 7F16J 15/447**  
[25] EN  
[54] **SEAL ASSEMBLY**  
[54] **JOINT D'ETANCHEITE**  
[72] SINK, DANNY R., US  
[72] GARNETT, MARK W., US  
[71] BRESCO, INCORPORATED, US  
[22] 2001-06-08  
[43] 2002-02-28  
[30] US (09/649,366) 2000-08-28

---

[21] **2,350,247**  
[13] A1  
[51] **Int.Cl. 7G03B 31/00 7G03B 21/32**  
[25] EN  
[54] **SYSTEM FOR DELIVERING SYNCHRONIZED AUDIO CONTENT TO VIEWERS OF MOVIES**  
[54] **SYSTEME DE TRANSMISSION DE CONTENU AUDIO SYNCHRONISE AUX SPECTATEURS D'UN CINEMA**  
[72] NEWMAN, EDWARD G., US  
[71] XYBERNAUT CORPORATION, US  
[22] 2001-06-11  
[43] 2002-02-28  
[30] US (09/650,548) 2000-08-30

---

[21] **2,350,265**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **METHOD OF ORDERING CUSTOM GRAPHIC KITS FOR MOTOR VEHICLES**  
[54] **METHODE DE COMMANDE DE TROUSSES D'ELEMENTS GRAPHIQUES POUR AUTOMOBILES**  
[72] FIKE, CRAIG, US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 2001-06-12  
[43] 2002-03-01  
[30] US (09/653,508) 2000-09-01

---

[21] **2,350,349**  
[13] A1  
[51] **Int.Cl. 7G01N 35/00 7G01N 1/28**  
[25] EN  
[54] **QUALITY CONTROL METHOD AND APPARATUS FOR AUTOMATED ANALYSES OF BIOLOGIC MATTER**  
[54] **METHODE ET APPAREIL DE CONTROLE DE LA QUALITE POUR LES ANALYSES AUTOMATISEES DE MATIERE BIOLOGIQUE**  
[72] WARDLAW, STEPHEN C., US  
[71] WARDLAW PARTNERS LP, US  
[71] LEVINE, ROBERT A., US  
[71] WARDLAW, STEPHEN C., US  
[22] 2001-06-11  
[43] 2002-02-28  
[30] US (09/651,152) 2000-08-30

---

[21] **2,350,355**  
[13] A1  
[51] **Int.Cl. 7G01N 1/28**  
[25] EN  
[54] **CONTAINER FOR HOLDING BIOLOGIC FLUID FOR ANALYSIS**  
[54] **CONTENANT A LIQUIDE BIOLOGIQUE POUR ANALYSE**  
[72] WARDLAW, STEPHEN C., US  
[71] WARDLAW PARTNERS LP, US  
[71] LEVINE, ROBERT A., US  
[71] WARDLAW, STEPHEN C., US  
[22] 2001-06-11  
[43] 2002-02-28  
[30] US (09/651,137) 2000-08-30

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,351,099**  
[13] A1

[51] **Int.Cl. 7G02B 6/10 7H01S 3/10 7H04B 10/17**  
[25] EN  
[54] **FIBER BUNDLE AND OPTICAL AMPLIFIER**  
[54] **FAISCEAU DE FIBRES ET AMPLIFICATEUR OPTIQUE**  
[72] FISCHER, GEORGE L., US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-06-20  
[43] 2002-02-28  
[30] US (09/648,978) 2000-08-28

---

[21] **2,351,100**  
[13] A1

[51] **Int.Cl. 7H04B 1/10 7G06F 17/10**  
[25] EN  
[54] **TRAINING SEQUENCE FOR LOW LATENCY LMS IMPLEMENTATION**  
[54] **SEQUENCE DE CONDITIONNEMENT PERMETTANT L'EXECUTION D'UN ALGORITHME LMS AVEC COURT DELAI D'ATTENTE**  
[72] RUPP, MARKUS, DE  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-06-20  
[43] 2002-02-28  
[30] US (09/648,983) 2000-08-28

---

[21] **2,351,133**  
[13] A1

[51] **Int.Cl. 7A47L 9/00 7A47L 7/00 7A47L 9/28**  
[25] EN  
[54] **MOISTURE INDICATOR FOR WET PICK-UP SUCTION CLEANER**  
[54] **INDICATEUR D'HUMIDITE POUR NETTOYEUSE ASPIRANTE DE DECHETS HUMIDES**  
[72] SALEM, JAY M., US  
[72] JOHNSTON, LINDA N., US  
[72] GORDON, EVAN A., US  
[72] WILSON, ROBERT S., US  
[72] JOSEF, MARK J., US  
[72] SCHNEIDER, RONALD D., US  
[71] THE HOOVER COMPANY, US  
[22] 2001-06-20  
[43] 2002-02-25  
[30] US (09/818,161) 2001-03-27  
[30] US (09/648,204) 2000-08-25

---

---

[21] **2,351,140**  
[13] A1

[51] **Int.Cl. 7H04J 11/00 7H04B 7/02**  
[25] EN  
[54] **ADAPTIVE TIME DIVERSITY AND SPATIAL DIVERSITY FOR OFDM**  
[54] **DIVERSITE ADAPTATIVE DANS LE TEMPS ET DIVERSITE SPATIALE POUR UN SYSTEME DE MULTIPLEXAGE PAR REPARTITION EN FREQUENCE ORTHOGONAL (MRFO)**  
[72] TONG, WEN, CA  
[72] STRAWCZYNSKI, LEO, CA  
[72] WU, SHIQUAN, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-06-20  
[43] 2002-03-01  
[30] US (09/750,804) 2000-12-29  
[30] US (60/229,972) 2000-09-01

---

[21] **2,351,301**  
[13] A1

[51] **Int.Cl. 7B60K 23/02**  
[25] EN  
[54] **GEAR SHIFT ASSEMBLY FOR STRADDLE-TYPE VEHICLE**  
[54] **COMMANDE DES VITESSES POUR VEHICULE A FOURCHE**  
[72] RIOUX, ROGER, CA  
[72] GAGNON, CLAUDE, CA  
[72] LECLERC, DANIEL, CA  
[72] KORENJAK, NORBERT, AT  
[72] RASIDESCU, MIHAI, CA  
[72] CARON, GHISLAIN, CA  
[71] BOMBARDIER INC., CA  
[22] 2001-06-26  
[43] 2002-02-25  
[30] US (60/227,581) 2000-08-25

---

[21] **2,351,770**  
[13] A1

[51] **Int.Cl. 7G08B 27/00 7G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ACTIVATING WEATHER WARNING DEVICES**  
[54] **METHODE ET APPAREIL POUR ACTIVER DES DISPOSITIFS D'AVERTISSEMENT METEOROLOGIQUE**  
[72] SMITH, MICHAEL, US  
[71] WEATHERDATA, INC., US  
[22] 2001-06-27  
[43] 2002-02-28  
[30] US (09/649,582) 2000-08-29

---

---

[21] **2,351,828**  
[13] A1

[51] **Int.Cl. 7F24H 3/02**  
[25] EN  
[54] **FURNACE WITH COMBUSTION AIR-COOLED DRAFT INDUCER FAN**  
[54] **APPAREIL DE CHAUFFAGE EQUIPE D'UN VENTILATEUR A TIRAGE INDUIT REFROIDI PAR L'AIR DE COMBUSTION**  
[72] KIM, SEUNG-HO, US  
[72] HOWERTON, CARL O., JR., US  
[72] HUFFAKER, JOEY W., US  
[71] RHEEM MANUFACTURING COMPANY, US  
[22] 2001-06-27  
[43] 2002-02-28  
[30] US (09/650,852) 2000-08-29

---

[21] **2,351,916**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04L 12/12 7G06F 13/14 7G06F 15/16**  
[25] EN  
[54] **SYSTEM AND METHOD FOR LINKING WEB SITES**  
[54] **SYSTEME ET METHODE POUR RELIER DES SITES WEB**  
[72] KUNG, TIEN MEL, HK  
[71] VIAGOLD DIRECT NETWORK LIMITED, HK  
[22] 2001-06-28  
[43] 2002-02-25  
[30] US (09/648,089) 2000-08-25

---

[21] **2,351,966**  
[13] A1

[51] **Int.Cl. 7G01J 4/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR POLARIZATION MEASUREMENTS**  
[54] **METHODE ET APPAREIL POUR MESURER LA POLARISATION**  
[72] WESTBROOK, PAUL STEPHEN, US  
[72] MOELLER, LOTHAR BENEDICT ERHARD JOSEF, US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-06-29  
[43] 2002-02-25  
[30] US (60/228,265) 2000-08-25  
[30] US (09/782,098) 2001-02-13

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] 2,351,986  
[13] A1

[51] **Int.Cl. 7H01R 13/719**  
[25] EN  
[54] **MULTIPLE PLUG CONNECTOR FOR ELECTRONIC SIGNAL LINES**  
[54] **CONNECTEUR MALE A BROCHES MULTIPLES POUR LIGNES DE SIGNAUX ELECTRONIQUES**  
[72] DINGENOTTO, MEINOLF, DE  
[72] KUHLE, JORG, DE  
[71] FILTEC FILTERTECHNOLOGIE FUR DIE ELEKTRONIKINDUSTRIE GMBH, DE  
[22] 2001-06-29  
[43] 2002-02-26  
[30] DE (200 14 791.9) 2000-08-26

[21] 2,352,010  
[13] A1

[51] **Int.Cl. 7H04B 1/18 7H04B 7/204**  
[25] EN  
[54] **TRAINING AND SYNCHRONIZATION SEQUENCES FOR WIRELESS SYSTEMS WITH MULTIPLE TRANSMIT AND RECEIVE ANTENNAS USED IN CDMA OR TDMA SYSTEMS**  
[54] **SEQUENCES DE CONDITIONNEMENT ET DE SYNCHRONISATION DE SYSTEMES SANS FIL AVEC LES MULTIPLES ANTENNES D'EMISSION ET DE RECEPTION UTILISEES DANS LES SYSTEMES AMRC OU AMRT**  
[72] RUPP, MARKUS, DE  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-07-03  
[43] 2002-02-28  
[30] US (09/648,981) 2000-08-28

[21] 2,352,353  
[13] A1

[51] **Int.Cl. 7B65D 33/06**  
[25] EN  
[54] **SIDE GUSSET BAG WITH CONVENIENT CARRY HANDLE**  
[54] **SAC A SOUFFLETS MUNI DE POIGNEES PRATIQUES**  
[72] WARR, CHARLES J., US  
[71] REX INTERNATIONAL INCORPORATED, US  
[22] 2001-07-04  
[43] 2002-02-28  
[30] US (09/650,478) 2000-08-29

[21] 2,352,378  
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H04B 10/12**  
[25] EN  
[54] **CHALCOGENIDE GLASS BASED RAMAN OPTICAL AMPLIFIER**  
[54] **AMPLIFICATEUR OPTIQUE RAMAN A BASE DE VERRE DE CHALCOGENURE**  
[72] SLUSHER, RICHART ELLIOTT, US  
[72] LENZ, GADI, US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-07-04  
[43] 2002-02-28  
[30] US (60/228,665) 2000-08-29

[21] 2,352,379  
[13] A1

[51] **Int.Cl. 7H04Q 3/52 7H04L 29/02 7H04Q 11/02**  
[25] EN  
[54] **OPTICAL ROUTER**  
[54] **ROUTEUR OPTIQUE**  
[72] ZIRNGIBL, MARTIN, US  
[72] GRIPP, JURGEN, US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-07-04  
[43] 2002-02-25  
[30] US (09/648,822) 2000-08-25

[21] 2,352,413  
[13] A1

[51] **Int.Cl. 7H04M 3/54 7H04Q 7/24**  
[25] EN  
[54] **METHOD FOR AUTOMATICALLY ACTIVATING CALL FORWARDING WHEN A MOBILE UNIT COMES INTO SERVICE**  
[54] **METHODE DE DECLenchement AUTOMATIQUE DU RENVOI D'APPEL AU MOMENT DE L'ENTREE EN SERVICE D'UN APPAREIL MOBILE**  
[72] SANDS, PHILLIP MICHAEL, US  
[72] GOSS, STEPHEN C., US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-07-04  
[43] 2002-02-28  
[30] US (09/649,321) 2000-08-28

[21] 2,352,415  
[13] A1

[51] **Int.Cl. 7H04M 3/54 7H04Q 7/24**  
[25] EN  
[54] **METHOD FOR LIMITING THE NUMBER OF SIMULTANEOUS CALL FORWARDING ATTEMPTS IN A CELLULAR COMMUNICATION SYSTEM**  
[54] **METHODE DE LIMITATION DU NOMBRE DE TENTATIVES SIMULTANEEES DE RENVOI D'APPEL DANS UN SYSTEME DE COMMUNICATION CELLULAIRE**  
[72] MCCORMICK, MARK ALAN, US  
[72] BOYLE, PATRICK JOSEPH, US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-07-04  
[43] 2002-02-28  
[30] US (09/650,794) 2000-08-30

[21] 2,352,655  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04Q 7/36 7H04L 12/56**  
[25] EN  
[54] **AN ADAPTIVE CELL SCHEDULING ALGORITHM FOR WIRELESS ASYNCHRONOUS TRANSFER MODE (ATM) SYSTEMS**  
[54] **ALGORITHME D'ORDONNANCEMENT A CELLULES ADAPTATIVES POUR SYSTEMES SANS FIL UTILISANT LE MODE DE TRANSFER ASYNCHRONE**  
[72] CHANG, YEE-HSIANG, US  
[72] SMITH, FRANCIS JAMES, US  
[72] YANG, HUEI-MING, US  
[72] LIANG, JENWEI, US  
[72] CHANG, CHIH-YUAN, US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2001-07-06  
[43] 2002-02-28  
[30] US (09/649,265) 2000-08-28

[21] 2,352,694  
[13] A1

[51] **Int.Cl. 7G02F 1/1333**  
[25] EN  
[54] **FRAME AND IMAGE DISPLAY DEVICE**  
[54] **DISPOSITIF DE PRESENTATION POUR CADRES ET IMAGES**  
[72] NATSUYAMA, YOSHIFUMI, JP  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-07-05  
[43] 2002-02-25  
[30] JP (2000-256538) 2000-08-25

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,352,713**  
[13] A1

[51] **Int.Cl. 7H04L 29/10 7H04L 12/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ESTABLISHING A PERSONALIZED CONNECTION WITH A NETWORK**  
[54] **METHODE ET APPAREIL POUR ETABLIR UNE CONNEXION PERSONNALISEE AVEC UN RESEAU**  
[72] HOGUTA, KENNETH J., US  
[72] RUPERT, AMY J., US  
[72] SHERMAN, RONALD, US  
[72] RUSSELL, JESSE EUGENE, US  
[71] AT&T CORP., US  
[22] 2001-07-09  
[43] 2002-02-28  
[30] US (09/651,852) 2000-08-31

---

[21] **2,352,725**  
[13] A1

[51] **Int.Cl. 7A44C 17/00 7B24B 9/16**  
[25] EN  
[54] **CUT DESIGN OF DIAMOND FOR ORNAMENTAL USE**  
[54] **TAILLE DE DIAMANT POUR FINS DECORATIVES**  
[72] KAWABUCHI, YOSHINORI, JP  
[72] MATSUMURA, TAMOTSU, JP  
[71] HOHOEMI BRAINS, INC, JP  
[22] 2001-07-09  
[43] 2002-02-25  
[30] JP (2000-255039) 2000-08-25  
[30] JP (2001-49636) 2001-02-26

---

[21] **2,352,911**  
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04M 11/06 7H04Q 3/47 7H04L 12/56**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PROVIDING ANONYMITY IN AN IP TELEPHONY NETWORK**  
[54] **METHODE ET SYSTEME POUR ASSURER L'ANONYMAT DANS UN RESEAU TELEPHONIQUE INTERNET**  
[72] CHRISTIE, SAMUEL H., IV, US  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-07-11  
[43] 2002-02-28  
[30] US (09/649,426) 2000-08-28

---

[21] **2,352,970**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04Q 7/36 7H04L 12/56**  
[25] EN  
[54] **A MEDIUM ACCESS CONTROL (MAC) PROTOCOL WITH SEAMLESS POLLING/CONTENTION MODES**  
[54] **PROTOCOLE DE COMMANDE D'ACCES AU SUPPORT (MAC) AVEC MODES D'APPEL SELECTIF ET DE CONTENTION HOMOGENES**  
[72] YANG, HUEI-MING STEVE, US  
[72] CHANG, CHIH-YUAN, US  
[72] CHANG, YEE-HSIANG, US  
[72] LIANG, JENWEI, US  
[72] SMITH, FRANCIS JAMES, US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2001-07-12  
[43] 2002-02-28  
[30] US (09/649,474) 2000-08-28

---

[21] **2,352,990**  
[13] A1

[51] **Int.Cl. 7H04L 5/02 7H04J 14/02 7H04B 10/12**  
[25] EN  
[54] **METHOD, SYSTEM AND SIGNAL FOR CARRYING OVERHEAD INFORMATION IN A TRANSPORT NETWORK EMPLOYING PHOTONIC SWITCHING NODES**  
[54] **METHODE, SYSTEME ET SIGNAL POUR TRANSMETTRE DES DONNEES DE SERVICE DANS UN RESEAU DE TRANSPORT EMPLOYANT DES NOEUDS DE COMMUTATION PHOTONIQUES**  
[72] GRAVES, ALAN F., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-07-13  
[43] 2002-02-28  
[30] US (09/648,767) 2000-08-28

---

[21] **2,353,075**  
[13] A1

[51] **Int.Cl. 7B41J 13/26**  
[25] EN  
[54] **REGISTRATION SYSTEM FOR A DIGITAL PRINTER WHICH PRINTS MULTIPLE IMAGES ON A SHEET**  
[54] **SYSTEME D'ENREGISTREMENT POUR UNE IMPRIMANTE NUMERIQUE QUI IMPRIME PLUSIEURS IMAGES SUR UNE FEUILLE**  
[72] SHANNON, JOHN, US  
[72] BRUTOVSKI, ROBERT, US  
[72] THOMAS, DEAN, US  
[72] MILILLO, WILLIAM D., US  
[72] KRETSCHMANN, DEBORAH M., US  
[72] KELLOGG, THEODORE J., US  
[72] HATCH, THOMAS C., US  
[72] HERBERT, GLENN M., US  
[71] XEROX CORPORATION, US  
[22] 2001-07-10  
[43] 2002-02-28  
[30] US (09/649,645) 2000-08-29

---

[21] **2,353,124**  
[13] A1

[51] **Int.Cl. 7E02F 9/20**  
[25] EN  
[54] **CENTRAL SERVICE MODULE**  
[54] **MODULE DE SERVICE CENTRAL**  
[72] SHAH, VIRESH B., US  
[72] WILKENING, KEVIN J., US  
[72] REPKO, THOMAS A., US  
[71] CATERPILLAR INC., US  
[22] 2001-07-16  
[43] 2002-02-28  
[30] US (09/649,791) 2000-08-29

---

[21] **2,353,126**  
[13] A1

[51] **Int.Cl. 7A01G 23/091**  
[25] EN  
[54] **UNITARY TOOTH HARVESTING HEAD DISK SAW**  
[54] **SCIE CIRCULAIRE MUNIE D'UNE TETE D'ABATTAGE-EBRANCHAGE ET D'UNE DENT UNIQUE**  
[72] HICKS, KEITH B., US  
[72] BUTLER, JEFFRY A., US  
[71] CATERPILLAR INC., US  
[22] 2001-07-16  
[43] 2002-02-28  
[30] US (09/651,375) 2000-08-30

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] 2,353,169  
[13] A1

[51] **Int.Cl. 7G02B 6/36**  
[25] EN  
[54] **OPTICAL CONNECTOR HAVING A COMBINED GUIDE PIN LOCK AND GROUNDING CONTACT**  
[54] **CONNECTEUR OPTIQUE MUNI D'UNE SERRURE A BROCHE GUIDE ET D'UN CONTACT DE MISE A LA TERRE COMBINES**  
[72] NGO, HUNG VIET, US  
[71] FCI AMERICAS TECHNOLOGY, INC., US  
[22] 2001-07-16  
[43] 2002-02-24  
[30] US (09/645,388) 2000-08-24

[21] 2,353,178  
[13] A1

[51] **Int.Cl. 7C08K 5/46 7C08K 5/17 7C08K 5/31 7C08K 5/35**  
[25] EN  
[54] **SYNTHETIC POLYMER COMPOSITIONS CONTAINING ANTIBIOTICS AS ANTIDEGRADANTS**  
[54] **COMPOSITIONS DE POLYMERES SYNTHETIQUES CONTENANT DES ANTIBIOTIQUES COMME ANTIDEGRADANTS**  
[72] GROSSMAN, RICHARD F., US  
[71] HAMMOND GROUP, INC., US  
[22] 2001-07-17  
[43] 2002-02-28  
[30] US (09/651,776) 2000-08-30

[21] 2,353,201  
[13] A1

[51] **Int.Cl. 7C01G 51/04 7C22B 23/02**  
[25] EN  
[54] **HETEROGENITE MATERIAL FOR MAKING SUBMICRON COBALT POWDERS**  
[54] **SUBSTANCE HETEROGENITE POUR FABRIQUER DES POUDRES DE COBALT SUBMICRONIQUE**  
[72] MENDENHALL, ROBERT G., US  
[72] SINGH, RAJ P., US  
[71] OSRAM SYLVANIA INC., US  
[22] 2001-07-18  
[43] 2002-02-28  
[30] US (09/652,485) 2000-08-31

[21] 2,353,223  
[13] A1

[51] **Int.Cl. 7A61F 13/49 7A61F 13/56**  
[25] EN  
[54] **DISPOSABLE PULL-ON DIAPER**  
[54] **COUCHE A ENFILER JETABLE**  
[72] SHIMADA, TAKAAKI, JP  
[72] SUZUKI, SEIJI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-07-19  
[43] 2002-02-24  
[30] JP (2000-297573) 2000-08-24

[21] 2,353,226  
[13] A1

[51] **Int.Cl. 7A47J 27/21**  
[25] EN  
[54] **FLOATING LID ASSEMBLY FOR A STEAM KETTLE**  
[54] **COUVERCLE FLOTTANT POUR BOUILLOIRE**  
[72] WILDMAN, ANDREW ERIC, US  
[71] PREMARK FEG L.L.C., US  
[22] 2001-07-17  
[43] 2002-02-25  
[30] US (09/648,020) 2000-08-25

[21] 2,353,227  
[13] A1

[51] **Int.Cl. 7A61F 13/49**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] INOUE, YASUSHI, JP  
[72] SHIRAISHI, RUMIKO, JP  
[72] SUZUKI, NAOMI, JP  
[72] SAYAMA, YASUSHI, JP  
[72] MINATO, HIRONAO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-07-19  
[43] 2002-02-24  
[30] JP (2000-297574) 2000-08-24

[21] 2,353,251  
[13] A1

[51] **Int.Cl. 7H04R 1/02 7E04B 1/06**  
[25] EN  
[54] **FACING SYSTEMS FOR A FLAT PANEL RADIATOR**  
[54] **SYSTEMES DE PAREMENT POUR UN RADIATEUR A PANNEAUX PLATS**  
[72] OLESKE, PETER, US  
[72] ROY, KENNETH P., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2001-07-18  
[43] 2002-02-28  
[30] US (09/651,905) 2000-08-30

[21] 2,353,276  
[13] A1

[51] **Int.Cl. 7B23K 31/02 7G05G 1/14**  
[25] EN  
[54] **WELDING MACHINE FOOT CONTROL**  
[54] **COMMANDE AU PIED POUR MACHINE A SOUDER**  
[72] COLLING, RONALD W., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-07-20  
[43] 2002-02-25  
[30] US (09/648,216) 2000-08-25

[21] 2,353,280  
[13] A1

[51] **Int.Cl. 7F16C 33/00**  
[25] EN  
[54] **WEAR INDICATOR FOR A LOW FRICTION BEARING**  
[54] **INDICATEUR D'USURE POUR UN ROULEMENT A FAIBLE FRICTION**  
[72] LOVEKAMP, TERRILL, US  
[72] TANNER, WAYNE R., US  
[72] WILKENING, KEVIN J., US  
[71] CATERPILLAR INC., US  
[22] 2001-07-19  
[43] 2002-02-28  
[30] US (09/650,250) 2000-08-29

[21] 2,353,289  
[13] A1

[51] **Int.Cl. 7B41F 31/00 7B41F 33/16**  
[25] EN  
[54] **METHOD OF CORRECTING LOCAL, MACHINE-BASED INKING ERRORS ON ROTARY PRINTING MACHINES**  
[54] **METHODE POUR CORRIGER LES ERREURS D'ENCRAGE LOCALES DUES A LA MACHINE SUR LES IMPRIMANTES ROTATIVES**  
[72] HAUCK, AXEL, DE  
[71] HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT, DE  
[22] 2001-07-20  
[43] 2002-02-28  
[30] DE (100 42 680.8) 2000-08-31

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,353,374**  
[13] A1

[51] **Int.Cl. 7B23K 35/22 7B23K 1/00 7B23K 35/36**  
[25] EN  
[54] **SELF CLEANING BRAZE MATERIAL**  
[54] **MATERIAU DE BRASAGE AUTONETTOYANT**  
[72] MANIS, BRYAN W., US  
[72] RUTZ, DAVID A., US  
[72] KWIATKOWSKI ABRILES, BETH, US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2001-07-23  
[43] 2002-02-28  
[30] US (09/652,823) 2000-08-31

---

[21] **2,353,429**  
[13] A1

[51] **Int.Cl. 7G01R 23/16 7G01R 21/00**  
[25] EN  
[54] **POWER DETECTOR USING FET TRANSISTOR**  
[54] **DETECTEUR DE COURANT UTILISANT UN TRANSISTOR FET**  
[72] ABE, MASAYOSHI, JP  
[72] SASHO, NOBORU, JP  
[72] BRANKOVIC, VESELIN, DE  
[72] KRUPCEVIC, DRAGAN, DE  
[72] RATNI, MOHAMED, DE  
[71] SONY CORPORATION, JP  
[71] SONY INTERNATIONAL (EUROPE) GMBH, DE  
[22] 2001-07-23  
[43] 2002-02-24  
[30] EP (00 118 419.4) 2000-08-24

---

[21] **2,353,434**  
[13] A1

[51] **Int.Cl. 7E04H 12/18 7A01K 39/01**  
[25] EN  
[54] **HEIGHT ADJUSTABLE BIRD FEEDER APPARATUS**  
[54] **NICHOIR A HAUTEUR AJUSTABLE**  
[72] TEETS, W. BRADLEY, US  
[71] TEETS, W. BRADLEY, US  
[22] 2001-07-24  
[43] 2002-02-25  
[30] US (09/648,903) 2000-08-25

---

---

[21] **2,353,509**  
[13] A1

[51] **Int.Cl. 7F02F 7/00 7F02F 11/00**  
[25] EN  
[54] **VALVE COVER ASSEMBLY FOR INTERNAL COMBUSTION ENGINE**  
[54] **COUVERCLE DE SOUPEPE POUR MOTEUR A COMBUSTION INTERNE**  
[72] EICKERT, KEITH, US  
[71] EICKERT, KEITH, US  
[22] 2001-07-16  
[43] 2002-02-28  
[30] US (09/650,981) 2000-08-30

---

[21] **2,353,744**  
[13] A1

[51] **Int.Cl. 7H04Q 3/52 7H04J 14/02 7H04B 10/20**  
[25] EN  
[54] **NXN CROSSCONNECT SWITCH USING WAVELENGTH ROUTERS AND SPACE SWITCHES**  
[54] **COMMUTATEUR D'INTERCONNEXION NXN UTILISANT DES ROUTEURS DE LONGUEURS D'ONDE ET DES COMMUTATEURS SPATIAUX**  
[72] DRAGONE, CORRADO PIETRO, US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-07-24  
[43] 2002-02-28  
[30] US (09/653,448) 2000-08-31

---

[21] **2,354,246**  
[13] A1

[51] **Int.Cl. 7C09B 29/16 7C09B 63/00 7C09D 11/02 7C08K 5/42**  
[25] EN  
[54] **HEAT STABLE ORANGE LAKED MONOAZO PIGMENT**  
[54] **PIGMENT MONOAZOIQUE ORANGE SIMULE THERMOSTABLE**  
[72] LUI, HENRY, CA  
[72] GRAY, ALAN, CA  
[72] MANARANG-PENA, DOROTHY-GRACE, CA  
[71] DOMINION COLOUR CORPORATION, CA  
[22] 2001-07-27  
[43] 2002-02-28  
[30] US (09/648,623) 2000-08-28

---

---

[21] **2,354,290**  
[13] A1

[51] **Int.Cl. 7H05B 3/62 7F27D 11/00**  
[25] EN  
[54] **EXPANSION LOOPS FOR HEATING ELEMENTS IN VACUUM FURNACES**  
[54] **BOUCLES D'EXPANSION POUR LES ELEMENTS DE CHAUFFAGE DES FOURS A VIDE**  
[72] MOLLER, CRAIG A., US  
[71] IPSEN INTERNATIONAL, INC., US  
[22] 2001-07-27  
[43] 2002-02-25  
[30] US (09/648,249) 2000-08-25

---

[21] **2,354,305**  
[13] A1

[51] **Int.Cl. 7C01B 17/04**  
[25] EN  
[54] **TREATMENT OF A GAS STREAM CONTAINING HYDROGEN SULPHIDE**  
[54] **TRAITEMENT D'UN FLUX GAZEUX CONTENANT DE L'HYDROGENE SULFURE**  
[72] WATSON, RICHARD WILLIAM, GB  
[72] GRAVILLE, STEPHEN RHYS, GB  
[71] THE BOC GROUP PLC, GB  
[22] 2001-07-30  
[43] 2002-02-28  
[30] GB (0021409.8) 2000-08-31

---

[21] **2,354,309**  
[13] A1

[51] **Int.Cl. 7C23F 11/14 7C11D 1/83**  
[25] EN  
[54] **USE OF N-ALKYL-BETA-ALANINE DERIVATIVES TO PREPARE CLEANING CORROSION INHIBITORS**  
[54] **UTILISATION DE DERIVES DE N-ALKYL-BETA-ALANINE POUR LA PREPARATION D'INHIBITEURS DE CORROSION SERVANT EGALEMENT AU NETTOYAGE**  
[72] RICHER, MICHAEL, DE  
[72] KROLLER, THORSTEN, DE  
[71] GOLDSCHMIDT AG, DE  
[22] 2001-07-27  
[43] 2002-03-01  
[30] DE (100 43 040.6) 2000-09-01

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,354,326**  
[13] A1  
[51] **Int.Cl. 7B60L 15/02 7H02P 7/36**  
[25] EN  
[54] **MOTOR CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DU**  
**MOTEUR**  
[72] XU, XINGYI, US  
[72] GRAND, KERRY, US  
[72] HAMPO, RICHARD, US  
[72] CHEN, LI, US  
[71] ECOSTAR ELECTRIC DRIVE  
SYSTEMS L.L.C., US  
[22] 2001-07-30  
[43] 2002-03-01  
[30] US (09/653,654) 2000-09-01

---

[21] **2,354,360**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**  
[25] EN  
[54] **POLICY ENFORCING SWITCH**  
[54] **INTERRUPTEUR D'APPLICATION**  
**DES POLITIQUES**  
[72] SHABTAY, LIOR, IL  
[72] RODRIG, BENNY, US  
[71] AVAYA COMMUNICATION ISRAEL  
LTD., IL  
[22] 2001-07-30  
[43] 2002-03-01  
[30] US (09/653,656) 2000-09-01

---

[21] **2,354,365**  
[13] A1  
[51] **Int.Cl. 7A01B 73/00**  
[25] EN  
[54] **LIFT TUBE FOR AN**  
**AGRICULTURAL IMPLEMENT**  
**FRAME**  
[54] **TUBE DE LEVAGE POUR LE BATI**  
**D'UN INSTRUMENT ARATOIRE**  
[72] GRAHAM, WILLIAM DOUGLAS, US  
[72] SMITH, WILLIAM HOWARD, US  
[72] MCCARTNEY, SCOTT CHARLES, US  
[72] BUCKLEY, PATRICK M., US  
[72] BENNETT, ROBERT EDWIN, US  
[71] DEERE & COMPANY, US  
[22] 2001-07-30  
[43] 2002-02-28  
[30] US (09/649,319) 2000-08-28

---

[21] **2,354,426**  
[13] A1  
[51] **Int.Cl. 7H02J 3/04 7H02J 3/26 7H02J**  
**3/38**  
[25] EN  
[54] **METHOD AND SYSTEM FOR**  
**CONNECTING AND SYNCHRONIZING**  
**A SUPPLEMENTAL POWER SOURCE**  
**TO A POWER GRID**  
[54] **METHODE ET SYSTEME DE**  
**BRANCHEMENT ET DE**  
**SYNCHRONISATION D'UNE SOURCE**  
**D'ENERGIE SUPPLEMENTAIRE A UN**  
**RESEAU D'ENERGIE ELECTRIQUE**  
[72] DENG, DOUG, US  
[71] ECOSTAR ELECTRIC DRIVE  
SYSTEMS L.L.C., US  
[22] 2001-07-30  
[43] 2002-03-01  
[30] US (09/653,478) 2000-09-01

---

[21] **2,354,427**  
[13] A1  
[51] **Int.Cl. 7A61B 5/15**  
[25] EN  
[54] **ADJUSTABLE ENDCAP FOR**  
**LANSING DEVICE**  
[54] **CAPUCHON D'EXTREMITE POUR**  
**AUTOPIQUEUR**  
[72] PURCELL, D. GLENN, US  
[71] BAYER CORPORATION, US  
[22] 2001-07-31  
[43] 2002-03-01  
[30] US (60/229,383) 2000-09-01

---

[21] **2,354,438**  
[13] A1  
[51] **Int.Cl. 7H04N 1/50 7G06K 15/02**  
**7G06F 3/12 7H04N 1/23 7G01J 3/52 7B41J**  
**2/525**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR**  
**THE MANUFACTURE OF A DIGITAL**  
**COLOR PICTURE**  
[54] **PROCEDE ET APPAREIL POUR**  
**PRODUIRE UNE PHOTO COULEUR**  
**NUMERIQUE**  
[72] BENZ, CHRISTIAN, CH  
[72] BRAUN, THORSTEN, DE  
[72] MUHLEMANN, ARTHUR, CH  
[71] GRETAG-MACBETH AG, CH  
[22] 2001-07-26  
[43] 2002-02-28  
[30] EP (00 118 169.2) 2000-08-30

---

[21] **2,354,460**  
[13] A1  
[51] **Int.Cl. 7B05B 3/10**  
[25] EN  
[54] **ATOMIZER WHEEL WITH WEAR-**  
**RESISTANT INSERTS**  
[54] **ROUE D'ATOMISATION MUNIE**  
**DE PIECES RAPPORTEES**  
**RESISTANTES A L'USURE**  
[72] NIELSEN, ERLING SKOV, DK  
[71] NIRO A/S, DK  
[22] 2001-07-31  
[43] 2002-03-01  
[30] US (09/654,500) 2000-09-01

---

[21] **2,354,506**  
[13] A1  
[51] **Int.Cl. 7B61H 1/00**  
[25] EN  
[54] **TRUCK MOUNTED BRAKE BEAM**  
[54] **TRIANGLE DE FREIN SUR**  
**CAMION**  
[72] SAUTER, JEFFREY F., US  
[71] NEW YORK AIR BRAKE  
CORPORATION, US  
[22] 2001-08-01  
[43] 2002-03-01  
[30] US (09/654,523) 2000-09-01

---

[21] **2,354,632**  
[13] A1  
[51] **Int.Cl. 7H01S 5/04 7H01S 5/06**  
[25] EN  
[54] **DIODE-PUMPED LASER**  
**AMPLIFIER**  
[54] **AMPLIFICATEUR LASER A**  
**DIODES DE POMPAGE**  
[72] HOLLEMANN, GUNTER, DE  
[72] SYMANOWSKI, JAN, DE  
[71] JENOPTIK LASER, OPTIK,  
SYSTEME GMBH, DE  
[22] 2001-08-02  
[43] 2002-02-28  
[30] DE (100 43 269.7) 2000-08-29

---

[21] **2,354,646**  
[13] A1  
[51] **Int.Cl. 7B63B 35/73**  
[25] EN  
[54] **PADDLE BOARD**  
[54] **PLANCHE POUR JEUX D'EAU**  
[72] HERROD, PHILLIP G., CA  
[71] HERROD, PHILLIP G., CA  
[22] 2001-08-02  
[43] 2002-03-01  
[30] US (09/654,037) 2000-09-01

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,354,676**  
[13] A1

[51] **Int.Cl. 7A45B 9/00**  
[25] EN  
[54] **IMPROVED CRUTCH CONSTRUCTION**  
[54] **BEQUILLE AMELIOREE**  
[72] URBAN, TED F., US  
[71] LAMICO, INC., US  
[22] 2001-08-03  
[43] 2002-02-25  
[30] US (09/648,717) 2000-08-25

---

[21] **2,354,724**  
[13] A1

[51] **Int.Cl. 7G09F 11/08**  
[25] EN  
[54] **PORTABLE VISUAL DISPLAY DEVICE WITH REMOVABLE CASSETTE**  
[54] **DISPOSITIF D’AFFICHAGE PORTATIF AVEC CASSETTE AMOVIBLE**  
[72] ZARELIUS, CHRISTER, SE  
[71] EXPAND INTERNATIONAL OF AMERICA, US  
[22] 2001-08-01  
[43] 2002-02-28  
[30] SE (00-1575) 2000-08-31  
[30] US (29/137,693) 2001-02-26  
[30] US (UNKNOWN) 2001-07-31

---

[21] **2,354,740**  
[13] A1

[51] **Int.Cl. 7C08J 9/14 7C08F 10/02 7C08F 10/06**  
[25] EN  
[54] **BLOWING AGENT, POLYOLEFIN FOAM, AND PROCESS FOR PRODUCING POLYOLEFIN FOAM**  
[54] **AGENT DE SOUFFLAGE, MOUSSE DE POLYOLEFINE, ET PROCEDE POUR PRODUIRE DE LA MOUSSE DE POLYOLEFINE**  
[72] RAMESH, NATARAJAN S., US  
[72] LEE, SHAU-TARNG, US  
[72] GEORGE, LLOYD, US  
[71] SEALED AIR CORPORATION (US), US  
[22] 2001-08-07  
[43] 2002-02-24  
[30] US (09/645,719) 2000-08-24

---

---

[21] **2,354,753**  
[13] A1

[51] **Int.Cl. 7H01G 4/33 7H01G 4/018**  
[25] EN  
[54] **FORMATION OF AN EMBEDDED CAPACITOR PLANE USING A THIN POLYIMIDE DIELECTRIC**  
[54] **FORMATION D’UN CONDENSATEUR INTEGRE AU MOYEN D’UN DIELECTRIQUE POLYIMIDE MINCE**  
[72] SMITH, GORDON, US  
[72] ANDRESAKIS, JOHN A., US  
[72] ZIMMERMAN, SCOTT, US  
[72] SKORUPSKI, EDWARD C., US  
[71] OAK-MITSUI, INC., US  
[22] 2001-08-07  
[43] 2002-02-24  
[30] US (09/644,959) 2000-08-24

---

[21] **2,354,786**  
[13] A1

[51] **Int.Cl. 7A61M 5/32 7A61M 5/50**  
[25] EN  
[54] **HYPODERMIC SYRINGE WITH SELECTIVELY RETRACTABLE NEEDLE**  
[54] **SERINGUE HYPODERMIQUE AVEC AIGUILLE RETRACTABLE**  
[72] HOECK, ROGER W., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2001-08-03  
[43] 2002-02-28  
[30] US (09/651,520) 2000-08-30

---

[21] **2,354,790**  
[13] A1

[51] **Int.Cl. 7B32B 31/20 7C23C 14/35**  
[25] EN  
[54] **POLISHING OF PRESS PLATES COATED WITH TITANIUM DIBORIDE**  
[54] **POLISSAGE DE PLAQUES DE PRESSE RECOUVERTES DE DIBORURE DE TITANE**  
[72] ODSTRCIL, KENNETH W., US  
[72] SANCHEZ, RUBEN M., US  
[72] BAILEY, FREDERICK L., US  
[72] AYALA, RICHARD L., US  
[72] ODSTRCIL, GLENN L., US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 2001-08-07  
[43] 2002-03-01  
[30] US (09/654,075) 2000-09-01

---

---

[21] **2,354,807**  
[13] A1

[51] **Int.Cl. 7F04D 29/18**  
[25] EN  
[54] **MOTOR COOLING FAN BLADE ASSEMBLY WITH FINGER GUARD**  
[54] **LAME DE VENTILATEUR DE REFROIDISSEMENT A MOTEUR AVEC PROTEGE-DOIGTS**  
[72] GARLOCH, DUANE D., US  
[72] WATERMAN, TIMOTHY J., US  
[71] CARRIER CORPORATION, US  
[22] 2001-08-07  
[43] 2002-02-28  
[30] US (09/652,745) 2000-08-31

---

[21] **2,354,811**  
[13] A1

[51] **Int.Cl. 7F25B 6/00 7A47F 3/04**  
[25] EN  
[54] **METHOD OF OPERATING A REFRIGERATED MERCHANDISER SYSTEM**  
[54] **METHODE D’OPERATION D’UN PRESENTOIR FRIGORIFIQUE**  
[72] CHIANG, ROBERT HONG LEUNG, US  
[72] FUNG, KWOK KWONG, US  
[72] DADDIS, EUGENE DUANE JR., US  
[71] CARRIER CORPORATION, US  
[22] 2001-08-07  
[43] 2002-02-28  
[30] US (09/652,353) 2000-08-31

---

[21] **2,354,815**  
[13] A1

[51] **Int.Cl. 7B05B 7/30**  
[25] EN  
[54] **HOSE-END ASPIRATION-TYPE SPRAYER**  
[54] **PULVERISATEUR D’ASPIRATION A CARTOUCHE**  
[72] DODD, JOSEPH K., US  
[71] SAINT-GOBAIN CALMAR INC., US  
[22] 2001-08-07  
[43] 2002-02-28  
[30] US (09/650,635) 2000-08-30

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] **2,354,828**  
[13] A1  
[51] **Int.Cl. 7B22D 11/06 7C22C 21/00 7C21D 8/02**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE BANDES TRES MINCES EN ALLIAGE ALUMINIUM-FER**  
[54] **PROCESS FOR MANUFACTURING ALUMINUM IRON ALLOY THIN STRIPS**  
[72] GAGNIERE, JACQUES, FR  
[72] TAVERNIER, PHILIPPE, FR  
[72] DEBREUX, REGINE, FR  
[72] GEHANNO, HERVE, FR  
[72] CHENAL, BRUNO, FR  
[72] HENRY, SYLVAIN, FR  
[71] PECHINEY RHENALU, FR  
[22] 2001-08-06  
[43] 2002-02-28  
[30] FR (0011025) 2000-08-29

[21] **2,354,836**  
[13] A1  
[51] **Int.Cl. 7A61K 7/06**  
[25] EN  
[54] **PROTECTION OF KERATINOUS FIBERS USING CERAMIDES AND/OR GLYCOCERAMIDES**  
[54] **PROTECTION DES FIBRES DE KERATINE EN UTILISANT DES CERAMIDES ET/OU DES GLYCOCERAMIDES**  
[72] ASCIONE, JEAN-MARC, US  
[72] CANNELL, DAVID W., US  
[71] L'ORÉAL S.A., FR  
[22] 2001-08-09  
[43] 2002-02-25  
[30] US (09/648,376) 2000-08-25

[21] **2,354,838**  
[13] A1  
[51] **Int.Cl. 7G09F 19/00**  
[25] EN  
[54] **PHOTOGRAPH QUICK-CHANGE DISPLAY APPARATUS**  
[54] **APPAREIL DE PRESENTATION DE PHOTOS A CHANGEMENT RAPIDE**  
[72] YUN, CHONG S., US  
[71] YUN, CHONG S., US  
[22] 2001-08-09  
[43] 2002-02-25  
[30] US (09/648,157) 2000-08-25

[21] **2,354,859**  
[13] A1  
[51] **Int.Cl. 7A61B 17/16**  
[25] EN  
[54] **DRIVER FOR A ROTARY SURGICAL TOOL**  
[54] **ORGANE MOTEUR POUR INSTRUMENT CHIRURGICAL ROTATIF**  
[72] ARIVETT, JOEL D., US  
[72] GRACE, RICHARD L., US  
[72] GRACE, JEFF, US  
[71] GRACE MANUFACTURING INC., US  
[22] 2001-08-08  
[43] 2002-02-28  
[30] US (09/651,219) 2000-08-30

[21] **2,354,874**  
[13] A1  
[51] **Int.Cl. 7B65D 39/00**  
[25] EN  
[54] **CLOSURE FOR VIAL**  
[54] **BOUCHON POUR FLACON**  
[72] ASAI, KOUICHI, JP  
[72] SUDO, MORIHIRO, JP  
[71] DAIKYO SEIKO, LTD., JP  
[22] 2001-08-08  
[43] 2002-02-25  
[30] JP (2000-254854) 2000-08-25

[21] **2,354,882**  
[13] A1  
[51] **Int.Cl. 7A61F 13/53**  
[25] EN  
[54] **BODY FLUID ABSORBENT PANEL FOR SANITARY WEARING ARTICLE**  
[54] **BANDE ABSORBANT LES LIQUIDES CORPORELS POUR SERVIETTE HYGIENIQUE**  
[72] ONISHI, KAZUAKI, JP  
[72] YAGOU, TOSHIYA, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-08  
[43] 2002-02-25  
[30] JP (2000-301206) 2000-08-25

[21] **2,354,890**  
[13] A1  
[51] **Int.Cl. 7G11B 17/04**  
[25] EN  
[54] **DATA STORAGE LIBRARY HAVING DUAL MEDIA TRANSPORT ASSEMBLIES**  
[54] **BIBLIOTHEQUE DE STOCKAGE DE DONNEES MUNIE D'ENSEMBLES DE TRANSPORT A DOUBLE SUPPORTS EXTERNES**  
[72] SCHOOLER, TIMOTHY CARLYLE, US  
[72] KAPPEL, GLENDON D., US  
[71] PLASMON IDE, INC., US  
[22] 2001-08-08  
[43] 2002-03-01  
[30] US (09/653,650) 2000-09-01

[21] **2,354,913**  
[13] A1  
[51] **Int.Cl. 7A61M 1/14**  
[25] EN  
[54] **BLOOD TREATMENT AND DISPOSABLE KIT FOR A BLOOD TREATMENT DEVICE**  
[54] **TRAITEMENT SANGUIN ET TROUSSE JETABLE POUR DISPOSITIF DE TRAITEMENT SANGUIN**  
[72] HAHMANN, UWE, DE  
[72] HERKLOTZ, MARTIN, DE  
[72] SCHEUNERT, PETER, DE  
[72] LAUER, MARTIN, DE  
[72] WEIS, MANFRED, DE  
[72] BEDEN, JOSEF, DE  
[72] MANKE, JOACHIM, DE  
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE  
[22] 2001-08-09  
[43] 2002-02-28  
[30] DE (100 42 324.8-41) 2000-08-29

[21] **2,354,914**  
[13] A1  
[51] **Int.Cl. 7B65D 41/04**  
[25] EN  
[54] **BEVERAGE CONTAINER CAP BODY**  
[54] **COUVERCLE POUR CONTENANT DE BOISSONS**  
[72] HATSUMOTO, KUNIO, JP  
[72] YASUHIRO, KOWA, JP  
[72] MATSUYAMA, SHIN, JP  
[71] NIPPON SANZO CORPORATION, JP  
[22] 2001-08-10  
[43] 2002-02-25  
[30] JP (2000-255120) 2000-08-25  
[30] JP (2000-255121) 2000-08-25  
[30] JP (2000-255122) 2000-08-25

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,354,946**  
[13] A1

[51] **Int.Cl. 7G03G 7/00**  
[25] EN  
[54] **FIBROUS NONWOVEN SHEET PRINTED WITH GIVEN PATTERN USING ELECTROPHOTOGRAPHIC PROCESS**  
[54] **TISSU FIBREUX NON TISSE ARBORANT UN MOTIF IMPRIME A L'AIDE D'UN PROCEDE ELECTROPHOTOGRAPHIQUE**  
[72] TANIGUCHI, HIROAKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-08  
[43] 2002-02-25  
[30] JP (2000-301207) 2000-08-25

---

[21] **2,354,961**  
[13] A1

[51] **Int.Cl. 7G02B 1/00 7G02B 1/11**  
[25] EN  
[54] **OPTICAL ELEMENT HAVING ANTIREFLECTION FILM**  
[54] **ELEMENT OPTIQUE MUNI D'UNE PELLICULE ANTIREFLET**  
[72] SHINDE, KENICHI, JP  
[72] MITSUISHI, TAKESHI, JP  
[71] HOYA CORPORATION, JP  
[22] 2001-08-13  
[43] 2002-02-28  
[30] JP (2000-258628) 2000-08-29

---

[21] **2,354,963**  
[13] A1

[51] **Int.Cl. 7G02B 26/08 7B81B 5/00**  
[25] EN  
[54] **OPTICAL SWITCHES INCLUDING REFLECTORS HAVING ASSOCIATED ACTUATORS AND LATCHES LOCATED ADJACENT TO A SURFACE THEREOF AND METHODS OF OPERATING SAME**  
[54] **COMMULATEURS OPTIQUES COMPRENANT DES REFLECTEURS AYANT DES ACTIONNEURS ET DES VERRONS CONNEXES SITUES A COTE D'UNE DE LEURS SURFACES ET METHODES DE FONCTIONNEMENT**  
[72] WALTERS, MARK DAVID, US  
[72] MCKILLOP, JOHN S., US  
[72] ZHU, TERRY D., US  
[71] JDS UNIPHASE CORPORATION, US  
[22] 2001-08-13  
[43] 2002-02-28  
[30] US (09/650,990) 2000-08-30

---

---

[21] **2,354,969**  
[13] A1

[51] **Int.Cl. 7G02B 6/36**  
[25] EN  
[54] **OPTICAL COUPLING DEVICES AND METHODS THAT BEND BOTH TRANSMITTING AND RECEIVING ENDS OF OPTICAL FIBERS**  
[54] **DISPOSITIFS DE COUPLAGE OPTIQUE ET METHODES QUI COURBENT A LA FOIS LES EXTREMITES TRANSMETTRICE ET RECEPTRICE DES FIBRES OPTIQUES**  
[72] MAHADEVAN, RAMASWAMY, US  
[72] HILL, EDWARD ARTHUR, US  
[71] JDS UNIPHASE CORPORATION, US  
[22] 2001-08-13  
[43] 2002-02-28  
[30] US (09/650,989) 2000-08-30

---

[21] **2,355,003**  
[13] A1

[51] **Int.Cl. 7H04N 5/765 7A61B 5/00 7A61C 19/00**  
[25] EN  
[54] **ANALOG VIDEO NETWORK SYSTEM**  
[54] **SYSTEME DE RESEAU VIDEO ANALOGUE**  
[72] KALTANI, TED, CA  
[71] ALBADENT LIMITED, CA  
[22] 2001-08-10  
[43] 2002-02-28  
[30] US (09/650,517) 2000-08-29

---

[21] **2,355,019**  
[13] A1

[51] **Int.Cl. 7B62D 5/04**  
[25] EN  
[54] **ELECTRICALLY-DRIVEN POWER STEERING SYSTEM HAVING FAILURE DETECTION FUNCTION**  
[54] **SYSTEME DE SERVODIRECTION ELECTRIQUE MUNIE D'UNE FONCTION DE DETECTION DES PANNES**  
[72] AMAKUSA, HIDEKI, JP  
[72] SATO, ATSUSHI, JP  
[71] DENSO CORPORATION, JP  
[22] 2001-08-14  
[43] 2002-02-28  
[30] JP (2000-256659) 2000-08-28

---

---

[21] **2,355,021**  
[13] A1

[51] **Int.Cl. 7G02B 1/00 7G02C 7/02 7G02B 1/11**  
[25] EN  
[54] **OPTICAL ELEMENT HAVING ANTIREFLECTION FILM**  
[54] **ELEMENT OPTIQUE MUNI D'UNE PELLICULE ANTIREFLET**  
[72] SHINDE, KENICHI, JP  
[72] KAMURA, HITOSHI, JP  
[72] MITSUISHI, TAKESHI, JP  
[71] HOYA CORPORATION, JP  
[22] 2001-08-14  
[43] 2002-02-28  
[30] JP (2000-258628) 2000-08-29  
[30] JP (2001-130754) 2001-04-27

---

[21] **2,355,023**  
[13] A1

[51] **Int.Cl. 7B65D 5/00**  
[25] EN  
[54] **DUAL ARTICLE PACKAGE**  
[54] **EMBALLAGE POUVANT CONTENIR DEUX ARTICLES**  
[72] FLAIG, RAYMOND MICHAEL, US  
[72] TELESCA, JOSEPHINE, US  
[72] OKIN, MATTHEW SCOTT, US  
[71] UNILEVER PLC, GB  
[22] 2001-08-14  
[43] 2002-02-28  
[30] US (60/229439) 2000-08-31

---

[21] **2,355,029**  
[13] A1

[51] **Int.Cl. 7A63B 71/08 7A41D 13/05**  
[25] EN  
[54] **ATHLETIC PROTECTOR CUP**  
[54] **COQUILLE PROTECTRICE ATHLETIQUE**  
[72] LANDI, JAMES J., US  
[71] LANDI, JAMES J., US  
[22] 2001-08-14  
[43] 2002-03-01  
[30] US (09/653,910) 2000-09-01

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,355,034**  
[13] A1  
[51] **Int.Cl. 7G10D 3/10**  
[25] EN  
[54] **MUSICAL INSTRUMENT STRINGS AND METHOD FOR MAKING SAME**  
[54] **CORDES POUR INSTRUMENT MUSICAL, ET METHODE DE FABRICATION DESDITES CORDES**  
[72] PARKER, ANTHONY, US  
[72] ROHRBACHER, PETER J., US  
[71] PARKER, ANTHONY, US  
[71] ROHRBACHER, PETER J., US  
[22] 2001-08-14  
[43] 2002-02-28  
[30] US (09/649,483) 2000-08-28

---

[21] **2,355,159**  
[13] A1  
[51] **Int.Cl. 7G02B 6/24 7H04B 10/14 7G02B 6/42**  
[25] EN  
[54] **OPTICAL MODULE**  
[54] **MODULE OPTIQUE**  
[72] HIROSE, TAKAAKI, JP  
[72] TATOH, NOBUYOSHI, JP  
[72] IWAMOTO, HIROMI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2001-08-15  
[43] 2002-03-01  
[30] JP (2000-265418) 2000-09-01  
[30] JP (2001-146889) 2001-05-16

---

[21] **2,355,164**  
[13] A1  
[51] **Int.Cl. 7E02B 3/04**  
[25] EN  
[54] **WAVE DISSIPATING BLOCKS FOR THE COVERING EMBARKMENT AND BREAKWATER**  
[54] **BLOCS CHASSE-VAGUES POUR BANQUETTE DE COUVERTURE ET BRISE- LAMES**  
[72] YANG, WON-HOI, KR  
[71] YANG, WON-HOI, KR  
[22] 2001-08-15  
[43] 2002-02-28  
[30] KR (2000-50614) 2000-08-30

---

[21] **2,355,167**  
[13] A1  
[51] **Int.Cl. 7F26B 21/02**  
[25] EN  
[54] **IMPROVED STRUCTURES AND METHODS FOR INTRODUCING HEATED AIR INTO A KILN CHAMBER**  
[54] **METHODES ET STRUCTURES AMELIOREES POUR L'INTRODUCTION D'AIR RECHAUFFE DANS UNE CHAMBRE DE FOUR**  
[72] CULP, GEORGE R., US  
[72] NAGEL, ROBERT T., US  
[71] CULP, GEORGE R., US  
[71] NAGEL, ROBERT T., US  
[22] 2001-08-15  
[43] 2002-03-01  
[30] US (09/653,625) 2000-09-01

---

[21] **2,355,170**  
[13] A1  
[51] **Int.Cl. 7B63H 20/00**  
[25] EN  
[54] **OUTBOARD MOTOR**  
[54] **MOTEUR HORS-BORD**  
[72] IKUMA, TOMONORI, JP  
[72] TSUBOUCHI, MASANORI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-15  
[43] 2002-02-25  
[30] JP (2000-255413) 2000-08-25

---

[21] **2,355,403**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7A01K 67/027 7C12N 15/63 7C12N 15/70 7C12N 15/81 7C12N 15/90**  
[25] EN  
[54] **RAPID CREATION OF GENE TARGETING VECTORS USING HOMOLOGOUS RECOMBINATION IN YEAST**  
[54] **CREATION RAPIDE DE VECTEURS DE SELECTION DE GENES EN UTILISANT LA RECOMBINAISON HOMOLOGUE DANS LA LEVURE**  
[72] FISHER, KATHERINE ELIZABETH, US  
[72] REAUME, ANDREW GERARD, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-08-23  
[43] 2002-02-25  
[30] US (60/228,467) 2000-08-25

---

[21] **2,355,420**  
[13] A1  
[51] **Int.Cl. 7H04L 29/10 7H04Q 7/22**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MOBILE ORIGINATED VOICE MESSAGING**  
[54] **METHODE ET APPAREIL DE MESSAGERIE VOCALE CELLULAIRE**  
[72] LEWIN, URI, IL  
[72] PORAT, CHEN, IL  
[71] CONVERSE NETWORK SYSTEMS, LTD., IL  
[22] 2001-08-16  
[43] 2002-02-28  
[30] US (09/651,734) 2000-08-30

---

[21] **2,355,433**  
[13] A1  
[51] **Int.Cl. 7H04B 7/005 7H04L 29/02**  
[25] EN  
[54] **PREAMBLE DESIGN FOR MULTIPLE INPUT-MULTIPLE OUTPUT (MIMO), ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM**  
[54] **CONCEPTION D'UN PREAMBULE POUR SYSTEME DE MULTIPLEXAGE PAR REPARTITION EN FREQUENCE ORTHOGONAL (MRFO) A ENTREES MULTIPLES ET A SORTIES MULTIPLES (EMSM)**  
[72] WU, SHIQUAN, CA  
[72] TONG, WEN, CA  
[72] MA, JIANGLEI, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-08-16  
[43] 2002-03-01  
[30] US (60/229,972) 2000-09-01  
[30] US (09/819,957) 2001-03-28

---

[21] **2,355,442**  
[13] A1  
[51] **Int.Cl. 7B21C 37/08 7B23K 26/28**  
[25] EN  
[54] **PROCESS FOR PRODUCING A METAL TUBE OF COPPER**  
[54] **PROCESSUS DE FABRICATION D'UN TUBE METALLIQUE EN CUIVRE**  
[72] HARTEN, FRIEDRICH, DE  
[72] MEYER, MICHAEL, DE  
[72] ARNTZ, HANS-JOACHIM, DE  
[71] NEXANS, FR  
[22] 2001-08-17  
[43] 2002-02-28  
[30] DE (00402400.6) 2000-08-31

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

[21] **2,355,445**  
[13] A1

[51] **Int.Cl. 7C07C 2/24**  
[25] EN  
[54] **PROCESS FOR THE SELECTIVE PREPARATION OF DIB FROM AN I-BUTENE-CONTAINING C4 STREAM**  
[54] **PROCEDE POUR LA PREPARATION SELECTIVE DE DIB A PARTIR D'UN ECOULEMENT DE C4 CONTENANT DU I-BUTENE**  
[72] GOHRT, ALEX, DE  
[72] GRUB, JOACHIM, DE  
[72] KAMINSKY, STEFAN, DE  
[72] GAMMERSBACH, ALEXANDER, DE  
[72] KRAMER, HANS-JOACHIM, DE  
[71] EC ERDOLCHEMIE GMBH, DE  
[22] 2001-08-20  
[43] 2002-02-28  
[30] DE (10042280.2) 2000-08-29  
[30] DE (10103834.8) 2001-01-29

[21] **2,355,447**  
[13] A1

[51] **Int.Cl. 7H04Q 11/02 7H04J 14/02 7H04Q 3/52**  
[25] EN  
[54] **BI-DIRECTIONAL CROSS CONNECT**  
[54] **CONNEXION TRANSVERSALE BIDIRECTIONNELLE**  
[72] CHANG, KOK-WAI, US  
[72] TAI, KUOCHOU, US  
[72] CHEN, JYEHONG, US  
[71] JDS UNIPHASE CORPORATION, US  
[22] 2001-08-20  
[43] 2002-02-24  
[30] US (09/645,459) 2000-08-24

[21] **2,355,457**  
[13] A1

[51] **Int.Cl. 7G02B 6/22**  
[25] EN  
[54] **OPTICAL FIBER AND OPTICAL COMPONENT INCLUDING THE SAME**  
[54] **FIBRE OPTIQUE ET COMPOSANTE OPTIQUE CONTENANT LADITE FIBRE**  
[72] ISHIKAWA, SHINJI, JP  
[72] SHIBATA, TOSHIKAZU, JP  
[72] HASHIMOTO, KEN, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2001-08-20  
[43] 2002-02-28  
[30] JP (P2000-261595) 2000-08-30

[21] **2,355,459**  
[13] A1

[51] **Int.Cl. 7G01B 7/06**  
[25] EN  
[54] **SENSOR FOR THE CAPACITIVE MEASUREMENT OF FILM WITH THICKNESS**  
[54] **DETECTEUR POUR LA MESURE CAPACITIVE DE L'EPAISSEUR D'UNE PELLICULE**  
[72] STEIN, MARKUS, DE  
[72] KONERMANN, STEFAN, DE  
[71] PLAST-CONTROL GERATEBAU GMBH, DE  
[22] 2001-08-20  
[43] 2002-02-24  
[30] EP (00 118 342.5) 2000-08-24

[21] **2,355,472**  
[13] A1

[51] **Int.Cl. 7E05F 15/20 7G01N 27/62**  
[25] EN  
[54] **A METHOD FOR CONTROLLING COMING AND GOING PERSONNEL, AND A SYSTEM THEREOF**  
[54] **METHODE POUR CONTROLER LES ALLEES ET VENUES DU PERSONNEL, ET SYSTEME D'UTILISATION**  
[72] GOTOU, SAKAE, JP  
[72] NISHIKAWA, YOSHIHIRO, JP  
[72] FUJITA, YASUNOBU, JP  
[71] HITACHI, LTD., JP  
[22] 2001-08-20  
[43] 2002-02-24  
[30] JP (2000-259381) 2000-08-24

[21] **2,355,478**  
[13] A1

[51] **Int.Cl. 7A61F 9/007 7A61F 9/013 7A61B 17/32**  
[25] EN  
[54] **MICROKERATOME BLADE ASSEMBLY**  
[54] **LAME DE MICROKERATOTOME**  
[72] RITCHEY, JAMES L., JR., US  
[72] GEBAUER, DETLEV, DE  
[71] ALCON UNIVERSAL LTD., CH  
[22] 2001-08-21  
[43] 2002-02-25  
[30] US (09/648,668) 2000-08-25

[21] **2,355,482**  
[13] A1

[51] **Int.Cl. 7C22C 38/18 7C21C 7/00 7C22C 38/04 7C22C 38/06**  
[25] EN  
[54] **MACHINE STRUCTURE STEEL SUPERIOR IN CHIP DISPOSABILITY AND MECHANICAL PROPERTIES**  
[54] **ACIER MACHINE AYANT DES PROPRIETES MECANQUES ET D'EVACUATION DES COPEAUX SUPERIEURES**  
[72] SOMEKAWA, MASAMI, JP  
[72] HOSHIKAWA, IKUO, JP  
[72] KAISO, MASATO, JP  
[72] SHINDO, YOSUKE, JP  
[72] TSUCHIDA, TAKEHIRO, JP  
[72] YAGUCHI, HIROSHI, JP  
[72] SAKAMOTO, KOICHI, JP  
[72] KIMURA, SEI, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP  
[22] 2001-08-21  
[43] 2002-02-28  
[30] JP (2000-261231) 2000-08-30  
[30] JP (2000-270762) 2000-09-06

[21] **2,355,485**  
[13] A1

[51] **Int.Cl. 7H01H 85/02 7H01H 85/18**  
[25] FR  
[54] **DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS**  
[54] **SURGE PROTECTION DEVICE**  
[72] CANTAGREL, MICHEL, FR  
[71] CITEL, FR  
[22] 2001-08-21  
[43] 2002-02-28  
[30] FR (00 11 015) 2000-08-29

[21] **2,355,487**  
[13] A1

[51] **Int.Cl. 7B60Q 1/00**  
[25] EN  
[54] **SNAP-IN TAMPER PROOF MOUNTING FOR LED LIGHTING**  
[54] **SUPPORT A ENCLENCHEMENT INVOLABLE POUR ECLAIRAGE A DIODE ELECTROLUMINESCENTE**  
[72] EHRlich, RODNEY P., US  
[72] BROWN, JAMES B., JR., US  
[71] WABASH TECHNOLOGY CORPORATION, US  
[22] 2001-08-21  
[43] 2002-03-01  
[30] US (60/230,231) 2000-09-01

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] **2,355,489**  
[13] A1  
[51] **Int.Cl. 7F16C 9/00**  
[25] EN  
[54] **ROLLER CAGE**  
[54] **CAGE A ROULEAUX**  
[72] BAGUSCHE, SIEGFRIED, DE  
[72] KALB, HERBERT, DE  
[72] RISTERS, FRANK, DE  
[72] ZIMMERMANN, HANS, DE  
[71] HEGENSCHIEDT-MFD GMBH & CO.  
KG, DE  
[22] 2001-08-21  
[43] 2002-02-28  
[30] DE (100 42 425.2-14) 2000-08-30

[21] **2,355,490**  
[13] A1  
[51] **Int.Cl. 7C10G 45/64**  
[25] FR  
[54] **PROCEDE ASSOCIANT  
HYDROISOMERISATION ET  
SEPARATION AVEC UN ADSORBANT  
ZEOLITHIQUE A STRUCTURE MIXTE  
POUR LA PRODUCTION D'ESSENCES  
A HAUT INDICE D'OCTANE**  
[54] **PROCESS ASSOCIATING  
HYDROISOMERIZATION AND  
SEPARATION WITH ZEOLITHIC  
ADSORBANT WITH MIXED  
STRUCTURE FOR THE PRODUCTION  
OF HIGH OCTANE FUELS**  
[72] DUCREUX, OLIVIER, FR  
[72] JOLIMAITRE, ELSA, FR  
[71] INSTITUT FRANCAIS DU PETROLE,  
FR  
[22] 2001-08-22  
[43] 2002-02-25  
[30] FR (00 10 973) 2000-08-25

[21] **2,355,492**  
[13] A1  
[51] **Int.Cl. 7C12P 13/04**  
[25] EN  
[54] **METHOD FOR PRODUCING  
BASIC AMINO ACID**  
[54] **METHODE POUR PRODUIRE UN  
ACIDE AMINE BASIQUE**  
[72] KOBAYASHI, MASAKI, JP  
[72] MITANI, YUKIO, JP  
[72] USUI, NAOKI, JP  
[72] ITOYAMA, TSUYOSHI, JP  
[71] AJINOMOTO CO., INC., JP  
[22] 2001-08-21  
[43] 2002-02-24  
[30] JP (2000-253692) 2000-08-24

[21] **2,355,503**  
[13] A1  
[51] **Int.Cl. 7G01M 13/04**  
[25] EN  
[54] **BEARING VIBRATION  
DIAGNOSTIC APPARATUSES AND  
METHODS OF DETECTING  
VIBRATION OF BEARINGS**  
[54] **APPAREILS DE DIAGNOSTIC DE  
VIBRATION DES ROULEMENTS ET  
METHODES POUR DETECTER LA  
VIBRATION DES ROULEMENTS**  
[72] TAKATA, SHIGENOBU, JP  
[72] MATSUDA, KEIJI, JP  
[72] ONO, RIKIO, JP  
[71] KAWASAKI STEEL CORPORATION,  
JP  
[22] 2001-08-21  
[43] 2002-02-24  
[30] JP (2000-253940) 2000-08-24

[21] **2,355,509**  
[13] A1  
[51] **Int.Cl. 7E21B 34/14**  
[25] EN  
[54] **ISOLATION VALVE**  
[54] **VANNE D'ISOLEMENT**  
[72] PATEL, DINESH R., US  
[71] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 2001-08-20  
[43] 2002-02-28  
[30] US (60/228,688) 2000-08-29  
[30] US (09/930,689) 2001-08-15

[21] **2,355,510**  
[13] A1  
[51] **Int.Cl. 7D02G 1/00 7D02J 1/00 7A61F  
13/15**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
OPENING CONTINUOUS FILAMENTS**  
[54] **METHODE ET APPAREIL  
D'OUVERTURE DE FILAMENTS**  
[72] FURUYA, KODAI, JP  
[72] HAYASHI, HIROO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-21  
[43] 2002-03-01  
[30] JP (2000-265458) 2000-09-01

[21] **2,355,514**  
[13] A1  
[51] **Int.Cl. 7A61F 13/53**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH  
SURFACE STRUCTURAL BODY OF  
CONTINUOUS FILAMENTS**  
[54] **ARTICLE ABSORBANT AYANT UN  
CORPS STRUCTUREL DE SURFACE  
DOTE DE FILAMENTS**  
[72] IGAUE, TAKAMITSU, JP  
[72] HAYASHI, HIROO, JP  
[72] FURUYA, KODAI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-21  
[43] 2002-03-01  
[30] JP (2000-265519) 2000-09-01

[21] **2,355,515**  
[13] A1  
[51] **Int.Cl. 7B65H 75/08**  
[25] EN  
[54] **THREE PIECE SPOOL**  
[54] **BOBINE EN TROIS PIECES**  
[72] OPPMANN, EWALD A., US  
[72] GRAY, ALFRED L., US  
[71] J.L. CLARK, INC., US  
[22] 2001-08-20  
[43] 2002-02-28  
[30] US (60/229,618) 2000-08-31  
[30] US (09/928,928) 2001-08-13

[21] **2,355,520**  
[13] A1  
[51] **Int.Cl. 7G06F 13/14 7G06F 9/50**  
[25] EN  
[54] **RESOURCE SHARING WITH  
SLIDING CONSTRAINTS**  
[54] **PARTAGE DE RESSOURCES AVEC  
PRIORITES VARIABLES**  
[72] GRAY, THOMAS, CA  
[72] WEISS, MICHAEL, CA  
[71] MITEL KNOWLEDGE  
CORPORATION, CA  
[22] 2001-08-20  
[43] 2002-02-25  
[30] GB (0021089.8) 2000-08-25

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,355,522**  
[13] A1

[51] **Int.Cl. 7G01L 1/00 7G01G 3/12**  
[25] EN  
[54] **DOUBLE-ENDED LOAD CELL AND METHOD FOR MOUNTING SAME**  
[54] **CELLULE DE PESAGE DOUBLE ET METHODE D'INSTALLATION**  
[72] MCKENNA, PAUL A., CA  
[71] MCKENNA, PAUL A., CA  
[22] 2001-08-22  
[43] 2002-02-24  
[30] CA (2,316,660) 2000-08-24

---

[21] **2,355,524**  
[13] A1

[51] **Int.Cl. 7A01K 97/10**  
[25] EN  
[54] **FISHING ROD HOLDERS**  
[54] **ETUIS POUR CANNES A PECHE**  
[72] ELFORD, DAVID DONOVAN, CA  
[71] ELFORD, DAVID DONOVAN, CA  
[22] 2001-08-22  
[43] 2002-02-28  
[30] CA (2,317,937) 2000-08-28

---

[21] **2,355,525**  
[13] A1

[51] **Int.Cl. 7A61F 13/53**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH SURFACE MEMBER OF CONTINUOUS FILAMENTS**  
[54] **ARTICLE ABSORBANT AYANT UNE PIECE DE SURFACE FABRIQUEE DE FILAMENTS**  
[72] HAYASHI, HIROO, JP  
[72] FURUYA, KODAI, JP  
[72] KANEKO, SHINYA, JP  
[72] IGAUE, TAKAMITSU, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-22  
[43] 2002-03-01  
[30] JP (2000-265496) 2000-09-01

---

---

[21] **2,355,531**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **DISPOSABLE BODY FLUID ABSORBENT WEARING ARTICLE**  
[54] **ARTICLE DE PORT JETABLE A ABSORPTION DES LIQUIDES ORGANIQUES**  
[72] SUZUKI, MIOU, JP  
[72] YAMAKI, KOICHI, JP  
[72] TAKAI, HISASHI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-20  
[43] 2002-02-28  
[30] JP (2000-257639) 2000-08-28

---

[21] **2,355,549**  
[13] A1

[51] **Int.Cl. 7E21B 47/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PROPELLING A DATA SENSING APPARATUS INTO A SUBSURFACE FORMATION**  
[54] **APPAREIL ET METHODE POUR INTRODUIRE UN APPAREIL DE DETECTION DE DONNEES DANS UNE FORMATION SOUTERRAINE**  
[72] LONGFIELD, COLIN, US  
[72] CIGLENEC, REINHART, US  
[72] ESPINOSA, FRANK, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2001-08-23  
[43] 2002-02-25  
[30] US (60/227,801) 2000-08-25  
[30] US (09/681,135) 2001-01-19

---

[21] **2,355,559**  
[13] A1

[51] **Int.Cl. 7C22C 33/02 7B22F 1/00**  
[25] EN  
[54] **ALLOYED STEEL POWDER FOR POWDER METALLURGY**  
[54] **POUDRE D'ACIER ALLIE POUR LA METALLURGIE DES POUDRES**  
[72] FUJINAGA, MASASHI, JP  
[72] NAKAMURA, NAOMICHI, JP  
[72] UNAMI, SHIGERU, JP  
[72] UENOSONO, SATOSHI, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[22] 2001-08-23  
[43] 2002-02-28  
[30] JP (2000-263929) 2000-08-31  
[30] JP (2001-246254) 2001-08-14

---

---

[21] **2,355,560**  
[13] A1

[51] **Int.Cl. 7G01N 9/24 7G01N 23/02**  
[25] EN  
[54] **X-RAY COMPTON SCATTER DENSITY MEASUREMENT AT A POINT WITHIN AN OBJECT**  
[54] **MESURE, AUX RAYONS X, DE DENSITE PAR DIFFUSION COMPTON A UN POINT A L'INTERIEUR D'UN OBJET**  
[72] HUSSEIN, ESAM M.A., CA  
[72] ACHMAD, BALZA, ID  
[71] HUSSEIN, ESAM M.A., CA  
[71] ACHMAD, BALZA, ID  
[22] 2001-08-22  
[43] 2002-02-28  
[30] US (60/228,085) 2000-08-28

---

[21] **2,355,561**  
[13] A1

[51] **Int.Cl. 7G05F 3/26 7H03K 17/00**  
[25] EN  
[54] **BOOT-STRAPPED CURRENT SWITCH**  
[54] **COMMUTATEUR DE COURANT A BOUCLE**  
[72] GUTHRIE, MARTIN G., CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2001-08-23  
[43] 2002-02-24  
[30] US (60/227,523) 2000-08-24

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] **2,355,562**  
[13] A1  
[51] **Int.Cl. 7C22C 33/02 7B22F 1/00 7B22F 3/10**  
[25] EN  
[54] **IRON-BASED SINTERED POWDER METAL BODY, MANUFACTURING METHOD THEREOF AND MANUFACTURING METHOD OF IRON-BASED SINTERED COMPONENT WITH HIGH STRENGTH AND HIGH DENSITY**  
[54] **CORPS DE POUDRE METALLIQUE FRITTE DE FER, METHODE DE FABRICATION CONNEXE, ET METHODE DE FABRICATION D'UN COMPOSANT FRITTE DE FER A HAUTE RESISTANCE ET A HAUTE DENSITE**  
[72] ANMA, HIROYUKI, JP  
[72] KOIZUMI, SHIN, JP  
[72] IJIMA, MITSUMASA, JP  
[72] NAKAMURA, NAOMICHI, JP  
[72] UENOSONO, SATOSHI, JP  
[72] YOSHIMURA, TAKASHI, JP  
[72] HATAI, YASUO, JP  
[72] FUJINAGA, MASASHI, JP  
[72] UNAMI, SHIGERU, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[71] UNISIA JECS CORPORATION, JP  
[22] 2001-08-23  
[43] 2002-02-28  
[30] JP (2000-263928) 2000-08-31  
[30] JP (2001-015655) 2001-01-24

[21] **2,355,563**  
[13] A1  
[51] **Int.Cl. 7G05D 22/02**  
[25] EN  
[54] **REMOTE HUMIDISTAT CONTROLLER**  
[54] **COMMANDE A DISTANCE POUR HUMIDISTAT**  
[72] EHLING, PETER, US  
[72] DELMENICO, PETER, US  
[72] DOBRZANSKI, LES, US  
[71] SUNBEAM PRODUCTS, INC., US  
[22] 2001-08-23  
[43] 2002-02-24  
[30] US (09/645,089) 2000-08-24

[21] **2,355,564**  
[13] A1  
[51] **Int.Cl. 7H04B 10/12**  
[25] EN  
[54] **OPTICAL DISTRIBUTION NETWORK SYSTEM WITH LARGE USABLE BANDWIDTH FOR DBA**  
[54] **SYSTEME DE RESEAU DE DISTRIBUTION OPTIQUE AYANT UNE LARGE BANDE PASSANTE UTILISABLE POUR L'ALLOCATION DYNAMIQUE DE LA BANDE PASSANTE**  
[72] IWASAKI, MITSUYOSHI, JP  
[72] YOSHIDA, TOSHIKAZU, JP  
[72] ASASHIBA, YOSHIHIRO, JP  
[72] ICHIBANGASE, HIROSHI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 2001-08-23  
[43] 2002-03-01  
[30] JP (2000-265928) 2000-09-01

[21] **2,355,568**  
[13] A1  
[51] **Int.Cl. 7B25B 1/02**  
[25] EN  
[54] **SLIDING JAW CHUCK ASSEMBLY**  
[54] **ENSEMBLE DE MANDRIN A BEC MOBILE**  
[72] STICKNEY, WILLIAM R., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-08-22  
[43] 2002-03-01  
[30] US (09/654,127) 2000-09-01

[21] **2,355,569**  
[13] A1  
[51] **Int.Cl. 7A61F 13/53**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH BACKING SHEET HAVING CONTINUOUS FILAMENTS**  
[54] **ARTICLE ABSORBANT AYANT UNE FEUILLE DOUBLURE DOTEE DE FILAMENTS**  
[72] KANEKO, SHINYA, JP  
[72] FURUYA, KODAI, JP  
[72] IGAUE, TAKAMITSU, JP  
[72] HAYASHI, HIROO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-22  
[43] 2002-03-01  
[30] JP (2000-265527) 2000-09-01

[21] **2,355,584**  
[13] A1  
[51] **Int.Cl. 7A61K 9/70 7A61K 6/00 7A61P 23/02 7A61K 45/08 7A61K 31/167**  
[25] EN  
[54] **INTRAORAL ADHESIVE PREPARATION**  
[54] **PREPARATION ADHESIVE INTRAORALE**  
[72] NINOMIYA, KAZUHISA, JP  
[72] SAITO, JUNICHI, JP  
[71] NITTO DENKO CORPORATION, JP  
[22] 2001-08-23  
[43] 2002-02-24  
[30] JP (254434/2000) 2000-08-24

[21] **2,355,587**  
[13] A1  
[51] **Int.Cl. 7B32B 5/26 7B32B 7/04**  
[25] EN  
[54] **COMPOSITE SHEET**  
[54] **FEUILLE COMPOSITE**  
[72] TANIGUCHI, HIROAKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-23  
[43] 2002-02-28  
[30] JP (2000-257640) 2000-08-28  
[30] JP (2000-298973) 2000-09-29

[21] **2,355,588**  
[13] A1  
[51] **Int.Cl. 7C22C 38/18 7C21C 7/00 7C22C 38/04**  
[25] EN  
[54] **FREE MACHINING STEEL FOR USE IN MACHINE STRUCTURE OF EXCELLENT MECHANICAL CHARACTERISTICS**  
[54] **ACIER DE DECOLLETAGE POUR UTILISATION DANS DES MACHINES AYANT D'EXCELLENTE CARACTERISTIQUES MECANQUES**  
[72] YAGUCHI, HIROSHI, JP  
[72] SOMEKAWA, MASAMI, JP  
[72] SHINDO, YOSUKE, JP  
[72] KAISO, MASATO, JP  
[72] KUDOU, TAKAHIRO, JP  
[72] TSUCHIDA, TAKEHIRO, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP  
[22] 2001-08-17  
[43] 2002-02-28  
[30] JP (2000-263998) 2000-08-31

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,355,590**  
[13] A1

[51] **Int.Cl. 7C01G 45/02**  
[25] EN  
[54] **METHOD OF SHIPPING MANGANESE DIOXIDE**  
[54] **METHODE D'EXPEDITION DU BIOXYDE DE MANGANESE**  
[72] BERNIER, RENE, CA  
[72] GONZALEZ, JESUS, CA  
[71] BERNIER, RENE, CA  
[71] CAMETOX 2000 INC., CA  
[71] GONZALEZ, JESUS, CA  
[22] 2001-08-23  
[43] 2002-02-28  
[30] US (09/653,367) 2000-08-31

---

[21] **2,355,591**  
[13] A1

[51] **Int.Cl. 7H01L 23/36**  
[25] EN  
[54] **COOLING BODY FOR SEMI-CONDUCTOR COMPONENTS, PROCESS FOR ITS PRODUCTION AND MOULDING TOOL FOR THIS**  
[54] **ELEMENT DE REFROIDISSEMENT POUR LES COMPOSANTES DES SEMICONDUCTEURS, PROCEDE DE PRODUCTION ET OUTIL DE MOULAGE CONNEXE**  
[72] GRAF, WERNER, DE  
[72] BOCK, UWE, DE  
[71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH  
[22] 2001-08-23  
[43] 2002-02-28  
[30] DE (100 42 124.5) 2000-08-28  
[30] DE (100 53 240.3) 2000-10-26

---

---

[21] **2,355,592**  
[13] A1

[51] **Int.Cl. 7A61L 15/22 7A61L 24/04 7A61L 27/28 7A61L 15/42 7A61L 27/58**  
[25] EN  
[54] **RESORBABLE, SYNTHETIC MEDICAL COATING MATERIAL, METHOD FOR ITS MANUFACTURE AND ITS USE IN MEDICINE**  
[54] **SUBSTANCE D'ENROBAGE MEDICALE SYNTHETIQUE ET RESORBABLE, METHODE DE FABRICATION ET SON UTILISATION DANS LA MEDECINE**  
[72] PLANCK, HEINRICH, DE  
[72] HIERLEMANN, HELMUT, DE  
[71] DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG STUTTGART STIFTUNG DES OFFENTLICHEN RECHTS, DE  
[22] 2001-08-23  
[43] 2002-02-24  
[30] DE (100 41 684.5) 2000-08-24

---

[21] **2,355,610**  
[13] A1

[51] **Int.Cl. 7F25B 41/00**  
[25] EN  
[54] **REFRIGERATION SYSTEM WITH COUPLING FLUID STABILIZING CIRCUIT**  
[54] **SYSTEME DE REFRIGERATION A CIRCUIT DE STABILISATION A LIQUIDE DE COUPLAGE**  
[72] WONG, KENNETH KAI, US  
[72] VICTOR, RICHARD AMORY, US  
[72] ARMAN, BAYRAM, US  
[72] BONAQUIST, DANTE PATRICK, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2001-08-23  
[43] 2002-02-25  
[30] US (09/645,539) 2000-08-25

---

---

[21] **2,355,612**  
[13] A1

[51] **Int.Cl. 7F04B 49/16**  
[25] EN  
[54] **DEVICE FOR CONTINUOUS REGULATION OF THE GAS FLOW RATE PROCESSED BY A RECIPROCATING COMPRESSOR**  
[54] **DISPOSITIF POUR LA REGULATION CONTINUE DU DEBIT GAZEUX TRAITE DANS UN COMPRESSEUR A PISTONS**  
[72] GRAZIANI, FRANCO, IT  
[72] MORGANTI, PIERO, IT  
[72] GIUSTI, ANDREA, IT  
[71] NUOVO PIGNONE HOLDING S.P.A., IT  
[22] 2001-08-23  
[43] 2002-02-28  
[30] IT (MI2000A001931) 2000-08-31

---

[21] **2,355,698**  
[13] A1

[51] **Int.Cl. 7A61L 15/22 7A61L 15/60**  
[25] EN  
[54] **LIQUID ABSORBENT**  
[54] **ABSORBANT DE LIQUIDE**  
[72] SHIKATANI, MASAHIKO, JP  
[72] SHIBATA, AKIRA, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-21  
[43] 2002-03-01  
[30] JP (2000-265485) 2000-09-01

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] **2,355,747**  
[13] A1  
[51] **Int.Cl. 7G11B 7/00 7G11B 7/12**  
[25] EN  
[54] **APPARATUS AND METHOD OF COMPENSATING FOR DISTURBANCE USING LEARNING CONTROL IN OPTICAL RECORDING/REPRODUCING APPARATUS AND OPTICAL RECORDING MEDIUM DRIVE SERVO SYSTEM USING THE APPARATUS AND METHOD**  
[54] **APPAREILLAGE ET METHODE DE COMPENSATION DES PERTURBATIONS AU MOYEN DE LA COMMANDE AUTODIDACTE DANS UN APPAREILLAGE D'ENREGISTREMENT-LECTURE OPTIQUE ET SYSTEME D'ASSERVISSEMENT D'ENTRAINEMENT DU SUPPORT D'ENREGISTREMENT FAISANT APPEL A CET APPAREILLAGE ET A CETTE METHODE**  
[72] SEO, JOONG-EON, KR  
[72] JEON, JIN-HOON, KR  
[72] JUNG, SOO-YUL, KR  
[72] CHO, SEONG-IL, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2001-08-21  
[43] 2002-02-26  
[30] KR (2000-49866) 2000-08-26

[21] **2,355,749**  
[13] A1  
[51] **Int.Cl. 7C07D 317/04 7C08K 5/1535**  
[25] EN  
[54] **4-METHYLENE-1,3-DIOXOLANES AS CROSS-LINKING AGENTS**  
[54] **4-METHYLENE-1,3-DIOXOLANES UTILISES COMME AGENTS DE RETICULATION**  
[72] FRINGS, RAINER B., DE  
[72] GRAHE, GERWALD F., DE  
[72] HARTL, HELMUT, DE  
[71] DAINIPPON INK AND CHEMICALS, INC., JP  
[22] 2001-08-21  
[43] 2002-02-25  
[30] DE (00 118116.3) 2000-08-25

[21] **2,355,750**  
[13] A1  
[51] **Int.Cl. 7F02M 35/00**  
[25] EN  
[54] **AIR CLEANER INLET DEVICE**  
[54] **DISPOSITIF D'ENTREE POUR FILTRE A AIR**  
[72] NIX, GERALD J., US  
[72] YODER, LAMAR D., US  
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US  
[22] 2001-08-23  
[43] 2002-02-28  
[30] US (09/651,683) 2000-08-30

[21] **2,355,751**  
[13] A1  
[51] **Int.Cl. 7B65D 30/16**  
[25] EN  
[54] **COMBINATION CANDY BAG AND CANDY DISH**  
[54] **SAC A BONBONS ET BONBONNIERE COMBINES**  
[72] HUFFER, SCOTT W., US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2001-08-23  
[43] 2002-02-25  
[30] US (09/648,305) 2000-08-25

[21] **2,355,752**  
[13] A1  
[51] **Int.Cl. 7A61F 13/538 7A61F 13/53**  
[25] EN  
[54] **ABSORBENT ARTICLE EMPLOYING SURFACE LAYER WITH CONTINUOUS FILAMENT AND MANUFACTURING PROCESS THEREOF**  
[54] **ARTICLE ABSORBANT AYANT UNE COUCHE DE SURFACE DOTEE DE FILAMENTS, ET PROCESSUS DE FABRICATION CONNEXE**  
[72] MIZUTANI, SATOSHI, JP  
[72] TOKUMOTO, MEGUMI, JP  
[72] YOSHIMASA, WATARU, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-23  
[43] 2002-03-01  
[30] JP (2000-265467) 2000-09-01

[21] **2,355,753**  
[13] A1  
[51] **Int.Cl. 7B01D 36/04**  
[25] EN  
[54] **APPARATUS FOR THE PURIFICATION OF LIQUIDS**  
[54] **APPAREIL POUR PURIFIER LES LIQUIDES**  
[72] REMIZOV, ALEKSANDR DMITRIEVICH, UA  
[71] REMIZOV, ALEKSANDR DMITRIEVICH, UA  
[22] 2001-08-23  
[43] 2002-02-28  
[30] UA (2000085068) 2000-08-29  
[30] GB (0104928.1) 2001-02-28

[21] **2,355,754**  
[13] A1  
[51] **Int.Cl. 7F04B 39/00**  
[25] EN  
[54] **SYSTEM FOR REMOTE DIAGNOSIS OF THE STATE OF WEAR OF THE SUCTION AND DELIVERY VALVES OF RECIPROCATING COMPRESSORS**  
[54] **SYSTEME DE DIAGNOSE A DISTANCE DE L'ETAT D'USURE DES CLAPETS D'ASPIRATION ET DE DECHARGE DE COMPRESSEURS A PISTON**  
[72] MORGANTI, PIERO, IT  
[71] NUOVO PIGNONE HOLDING S.P.A., IT  
[22] 2001-08-23  
[43] 2002-02-28  
[30] IT (MI2000A001932) 2000-08-31

[21] **2,355,755**  
[13] A1  
[51] **Int.Cl. 7B60D 1/62**  
[25] EN  
[54] **SEVEN-WAY TRAILER CONNECTOR**  
[54] **CONNECTEUR DE REMORQUE A SEPT VOIES**  
[72] BROWN, JAMES B., JR., US  
[72] GILBERT, DANNY LEE, US  
[71] WABASH TECHNOLOGY CORPORATION, US  
[22] 2001-08-23  
[43] 2002-02-25  
[30] US (09/645,838) 2000-08-25

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,355,762**  
[13] A1

[51] **Int.Cl. 7A23C 19/05 7A23C 19/032**  
[25] EN  
[54] **CHEESE YIELD ENHANCING METHOD**  
[54] **METHODE POUR AMELIORER LE RENDEMENT FROMAGER**  
[72] SAKAGUCHI, SHOJI, JP  
[72] KURAIISHI, CHIYA, JP  
[72] KUMAZAWA, YOSHIYUKI, JP  
[72] NIO, NORIKI, JP  
[72] SAKAMOTO, JIRO, JP  
[71] AJINOMOTO CO., INC., JP  
[22] 2001-08-17  
[43] 2002-02-28  
[30] JP (263616/00) 2000-08-31

---

[21] **2,355,780**  
[13] A1

[51] **Int.Cl. 7E01H 3/02 7E01H 1/10**  
[25] EN  
[54] **ROADWAY CLEANING APPARATUS**  
[54] **APPAREIL DE NETTOYAGE DE VOIE D'ACCES**  
[72] TOMASCHEWSKI, KARL-HEINZ, DE  
[71] UMWETEC GMBH & CO. KG, DE  
[22] 2001-08-24  
[43] 2002-02-26  
[30] DE (100 42 042.7) 2000-08-26

---

[21] **2,355,781**  
[13] A1

[51] **Int.Cl. 7G06F 13/14 7G06F 15/80**  
[25] EN  
[54] **EFFICIENT ASSIGNMENT OF PROCESSING RESOURCES IN A FAIR QUEUING SYSTEM**  
[54] **DISTRIBUTION EFFICACE DES RESSOURCES DE TRAITEMENT DANS UN SYSTEME DE MISE EN FILE D'ATTENTE**  
[72] SEEDS, GLEN, CA  
[71] COGNOS INCORPORATED, CA  
[22] 2001-08-24  
[43] 2002-02-24  
[30] CA (2,316,643) 2000-08-24

---

---

[21] **2,355,783**  
[13] A1

[51] **Int.Cl. 7G05B 23/02 7F23Q 23/00 7G01R 31/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TESTING FUEL GAS CONTROL SYSTEMS FOR GAS FIRED APPLIANCES**  
[54] **METHODE ET APPAREIL DE VERIFICATION DES SYSTEMES DE REGULATION DU GAZ COMBUSTIBLE DES APPAREILS ALIMENTES AU GAZ**  
[72] BRADENBAUGH, KENNETH A., US  
[71] BRADENBAUGH, KENNETH A., US  
[22] 2001-08-24  
[43] 2002-02-26  
[30] US (09/648,603) 2000-08-26

---

[21] **2,355,789**  
[13] A1

[51] **Int.Cl. 7G09F 3/02 7B32B 3/10 7B65C 9/18**  
[25] EN  
[54] **COMPOSITE LABEL WEB AND METHOD OF USING SAME**  
[54] **TISSU COMPOSITE POUR VIGNETTES ET METHODE D'UTILISATION**  
[72] FOGLE, RONALD LEE, US  
[72] MISTYURIK, JOHN D., US  
[71] PAXAR CORPORATION, US  
[22] 2001-08-24  
[43] 2002-02-24  
[30] US (09/645,846) 2000-08-24  
[30] US (09/925,478) 2001-08-10

---

[21] **2,355,793**  
[13] A1

[51] **Int.Cl. 7H04N 7/16**  
[25] EN  
[54] **TELEVISION APPARATUS HAVING A RATING LIMIT SETTING FEATURE**  
[54] **APPAREIL DE TELEVISION AVEC FONCTION DE REGLAGE DE LIMITE D'EVALUATION**  
[72] HAWKINS, BRET DAVID, US  
[71] THOMSON LICENSING S.A., FR  
[22] 2001-08-16  
[43] 2002-02-25  
[30] US (09/648,680) 2000-08-25

---

---

[21] **2,355,798**  
[13] A1

[51] **Int.Cl. 7E21B 33/00**  
[25] EN  
[54] **METHOD OF CASING MULTILATERAL WELLS AND ASSOCIATED APPARATUS**  
[54] **METHODE DE TUBAGE DE Puits MULTILATERAUX ET D'APPAREILS CONNEXES**  
[72] DALE, DANA R., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2001-08-17  
[43] 2002-02-28  
[30] US (09/648,998) 2000-08-28

---

[21] **2,355,799**  
[13] A1

[51] **Int.Cl. 7G02B 5/26**  
[25] EN  
[54] **OPTICAL FIBER GRATING, OPTICAL FIBER GRATING MANUFACTURING METHOD, AND OPTICAL FIBER GRATING MANUFACTURING APPARATUS**  
[54] **RESEAU GRAVE OPTIQUE, APPAREIL ET METHODE DE FABRICATION DUDIT RESEAU**  
[72] ISHII, YUU, JP  
[72] SHIMA, KENSUKE, JP  
[72] OKUDE, SATOSHI, JP  
[72] NAKAI, MICHIIRO, JP  
[72] NISHIDE, KENJI, JP  
[71] FUJIKURA LTD., JP  
[22] 2001-08-16  
[43] 2002-02-28  
[30] JP (2000-259872) 2000-08-29  
[30] JP (2001-197311) 2001-06-28

---

[21] **2,355,801**  
[13] A1

[51] **Int.Cl. 7H01J 61/44 7H01J 61/35**  
[25] EN  
[54] **FLUORESCENT LAMP FOR GROCERY LIGHTING**  
[54] **LAMPE A LUMIERE ULTRAVIOLETTE POUR ECLAIRAGE DANS UNE EPICERIE**  
[72] YUET, PAK K., US  
[72] SOULES, THOMAS FREDERICK, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2001-08-16  
[43] 2002-02-28  
[30] US (09/650,897) 2000-08-30

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,355,803**  
[13] A1  
[51] **Int.Cl. 7A43C 15/02**  
[25] EN  
[54] **ANTI-SLIP SHOE**  
[54] **CHAUSSURE ANTIDERAPANTE**  
[72] LARSON, JON C., US  
[72] LARSON, VAN, US  
[71] SURE FOOT CORPORATION, US  
[22] 2001-08-24  
[43] 2002-02-25  
[30] US (09/648,920) 2000-08-25

---

[21] **2,355,804**  
[13] A1  
[51] **Int.Cl. 7F16L 47/00**  
[25] EN  
[54] **METHOD OF COUPLING PROFILE WALL THERMOPLASTIC PIPES**  
[54] **METHODE DE COUPLAGE DE TUYAUX THERMOPLASTIQUES MURAUX PROFILES**  
[72] CAMPBELL, STEVE, US  
[71] C & S INTELLECTUAL PROPERTIES, LLC, US  
[22] 2001-08-24  
[43] 2002-02-24  
[30] US (09/645,249) 2000-08-24

---

[21] **2,355,810**  
[13] A1  
[51] **Int.Cl. 7A61F 13/49**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] TOSHIYASU, YOSHIOKA, JP  
[72] TANI, KOICHIRO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-23  
[43] 2002-02-28  
[30] JP (2000-263371) 2000-08-31

---

[21] **2,355,813**  
[13] A1  
[51] **Int.Cl. 7C25D 13/04 7B05D 5/04 7B05D 1/38 7C09D 5/44**  
[25] EN  
[54] **COATING FILM-FORMING METHOD**  
[54] **METHODE DE REVETEMENT FILMOGENE**  
[72] TOMINAGA, AKIRA, JP  
[72] MIYATAKE, SHINJI, JP  
[72] HANEISHI, HIDEHIKO, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 2001-08-27  
[43] 2002-02-28  
[30] JP (00/258745) 2000-08-29

---

[21] **2,355,817**  
[13] A1  
[51] **Int.Cl. 7A61F 13/51**  
[25] EN  
[54] **ABSORBENT ARTICLE HAVING FIBROUS LAYER ON SURFACE**  
[54] **ARTICLE ABSORBANT DONT LA SURFACE EST RECOUVERTE D'UNE COUCHE FIBREUSE**  
[72] MIZUTANI, SATOSHI, JP  
[72] YOSHIMASA, WATARU, JP  
[72] TOKUMOTO, MEGUMI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-23  
[43] 2002-03-01  
[30] JP (2000-265476) 2000-09-01

---

[21] **2,355,819**  
[13] A1  
[51] **Int.Cl. 7G02B 6/16**  
[25] EN  
[54] **OPTICAL FIBER, METHOD OF MAKING OPTICAL FIBER PREFORM, AND METHOD OF MAKING OPTICAL FIBER**  
[54] **FIBRE OPTIQUE, METHODE DE FABRICATION D'UNE PREFORME, ET METHODE DE FABRICATION DE LA FIBRE OPTIQUE**  
[72] KAWASAKI, KIICHIRO, JP  
[72] NAGAYAMA, KATSUYA, JP  
[72] KATO, TAKATOSHI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2001-08-27  
[43] 2002-02-28  
[30] JP (P2000-257857) 2000-08-28

---

[21] **2,355,823**  
[13] A1  
[51] **Int.Cl. 7G02B 6/16**  
[25] EN  
[54] **OPTICAL FIBER AND METHOD OF MAKING THE SAME**  
[54] **FIBRE OPTIQUE, ET METHODE DE FABRICATION CONNEXE**  
[72] NAGAYAMA, KATSUYA, JP  
[72] OHGA, YUICHI, JP  
[72] SAITOH, TATSUHIKO, JP  
[72] ISHIKAWA, SHINJI, JP  
[72] TSUCHIYA, ICHIRO, JP  
[72] UCHIYAMA, TAKENORI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2001-08-27  
[43] 2002-02-28  
[30] JP (P2000-257850) 2000-08-28  
[30] JP (P2000-257860) 2000-08-28

---

[21] **2,355,828**  
[13] A1  
[51] **Int.Cl. 7F16H 55/02**  
[25] EN  
[54] **TOOTHED GEAR**  
[54] **ROUE D'ENGRENAGE**  
[72] BAUSELER, SIEGBERT, DE  
[71] H.B. SEISSENSCHMIDT AG, DE  
[22] 2001-08-23  
[43] 2002-02-24  
[30] DE (100 41 696.9-12) 2000-08-24

---

[21] **2,355,866**  
[13] A1  
[51] **Int.Cl. 7F02B 67/00**  
[25] EN  
[54] **AUXILIARY MACHINERY MOUNTING STRUCTURE OF AN ENGINE**  
[54] **BATI DE FIXATION DE MACHINE AUXILIAIRE D'UN MOTEUR A COMBUSTION**  
[72] SATO, TSUTOMU, JP  
[72] KOYAMA, YOSHIKI, JP  
[72] YAMAGATA, TAKAYUKI, JP  
[72] MATSUO, AYUMU, JP  
[72] SUZUKI, SHIGERU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-23  
[43] 2002-02-25  
[30] JP (2000-255392) 2000-08-25  
[30] JP (2000-258214) 2000-08-28

---

[21] **2,355,878**  
[13] A1  
[51] **Int.Cl. 7E04D 13/17 7F24F 7/02**  
[25] EN  
[54] **PRECIPITATION RESISTANT RIDGE VENT**  
[54] **OUVRANT DE FAITAGE RESISTANT AUX PRECIPITATIONS**  
[72] VAN WEY, SCOTT CHARLES, US  
[72] MORRIS, RICHARD J., US  
[71] LIBERTY DIVERSIFIED INDUSTRIES, INC., US  
[22] 2001-08-24  
[43] 2002-02-28  
[30] US (09/651,071) 2000-08-30

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,355,903**  
[13] A1

[51] **Int.Cl. 7A61F 13/58 7A61F 13/15**  
[25] EN  
[54] **SANITARY ABSORBENT ARTICLE HAVING FLAPS AND AN IMPROVED ADHESIVE PATTERN**  
[54] **ARTICLE SANITAIRE ABSORBANT A RABATS AVEC ADHESIF AMELIORE**  
[72] ENDO, MARI, US  
[71] MCNEIL-PPC, INC., US  
[22] 2001-08-24  
[43] 2002-02-25  
[30] US (09/648,872) 2000-08-25

---

[21] **2,355,904**  
[13] A1

[51] **Int.Cl. 7G01N 33/487 7G01N 1/28**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR DETECTING CHARACTERISTICS BY ANALYSIS OF A SAMPLE OF HUMAN OR ANIMAL BODY MATERIAL**  
[54] **PROCESSUS ET APPAREIL DE DETERMINATION DE CARACTERISTIQUES PAR L'ANALYSE D'UN ECHANTILLON DE MATIERE HUMAINE OU ANIMALE**  
[72] EVERT, FABIAN, DE  
[72] MERKWIRTH, CHRISTIAN, DE  
[72] WICHARD, JORG, DE  
[72] GOETZ, RUDIGER, DE  
[72] KAMPHAUSEN, STEFAN, DE  
[72] THURK, MARCEL, DE  
[72] WIESENFELDT, MARTIN, DE  
[72] BRUNZEMA, CLAUS, DE  
[71] NOVEL SCIENCE INTERNATIONAL GMBH, DE  
[22] 2001-08-24  
[43] 2002-02-28  
[30] DE (100 42 847.9) 2000-08-30

---

[21] **2,355,910**  
[13] A1

[51] **Int.Cl. 7B65B 11/06**  
[25] EN  
[54] **METHOD OF PACKAGING ROLLS, PARTICULARLY PAPER WEB ROLLS, APPARATUS FOR IMPLEMENTING THE METHODS AND ROLL PACKAGE**  
[54] **METHODE D'EMBALLAGE DE ROULEAUX, PLUS PARTICULIEREMENT DE BOBINES DE PAPIER, APPAREIL POUR APPLIQUER LES METHODES ET BOBINE EMBALLEE**  
[72] ITKONEN, ISMO, FI  
[72] KORHONEN, TAPIO, FI  
[72] SILVENNOINEN, TIMO, FI  
[72] RASIMUS, HEIKKI, FI  
[72] RASIMUS, SEPPO, FI  
[72] PITKANEN, JUHA, FI  
[72] ULVINEN, VELI, FI  
[72] NUUTINEN, ESA, FI  
[72] LAUKKANEN, RISTO, FI  
[71] SAIMATEC ENGINEERING OY, FI  
[22] 2001-08-23  
[43] 2002-02-28  
[30] FI (20001902) 2000-08-29

---

[21] **2,355,913**  
[13] A1

[51] **Int.Cl. 7F02B 77/00 7F02B 67/00 7B63H 20/00**  
[25] EN  
[54] **HANGER ARRANGEMENT FOR V-TYPE VERTICAL ENGINES AND OUTBOARD MARINE DRIVES**  
[54] **DISPOSITIF DE SUSPENSION POUR MOTEURS VERTICAUX EN V ET MECANISMES DE PROPULSION EXTERIEURS DE BATEAU**  
[72] TSUBOUCHI, MASANORI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-23  
[43] 2002-02-25  
[30] JP (2000-255989) 2000-08-25

---

[21] **2,355,914**  
[13] A1

[51] **Int.Cl. 7B63H 20/00 7F01L 1/12 7F01L 1/36**  
[25] EN  
[54] **OUTBOARD MOTOR**  
[54] **HORS-BORD**  
[72] KURODA, TATSUYA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-23  
[43] 2002-02-25  
[30] JP (2000-256508) 2000-08-25

---

[21] **2,355,915**  
[13] A1

[51] **Int.Cl. 7F04C 29/00 7F04C 18/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ALIGNING SCROLL COMPRESSOR**  
[54] **APPAREIL ET METHODE D'ALIGNEMENT DE COMPRESSEUR A VOLUTES**  
[72] SHIMURA, KENJI, JP  
[72] TAKEDA, SHUJI, JP  
[72] ARAKI, MAKATO, JP  
[71] FUJITSU GENERAL LIMITED, JP  
[22] 2001-08-23  
[43] 2002-02-25  
[30] JP (2000-255366) 2000-08-25

---

[21] **2,355,917**  
[13] A1

[51] **Int.Cl. 7F02B 67/00 7B63H 20/00 7H02K 5/00**  
[25] EN  
[54] **GENERATOR MOUNTING ARRANGEMENT FOR VERTICAL ENGINES AND OUTBOARD MARINE DRIVES**  
[54] **DISPOSITIF DE MONTAGE D'ALTERNATEUR POUR MOTEURS VERTICAUX ET MECANISMES DE PROPULSION EXTERIEURS DE BATEAU**  
[72] TSUBOUCHI, MASANORI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-23  
[43] 2002-02-25  
[30] JP (2000-255995) 2000-08-25

---

[21] **2,355,918**  
[13] A1

[51] **Int.Cl. 7H04Q 3/52 7H04B 10/12**  
[25] EN  
[54] **M X N OPTICAL MATRIX SWITCH**  
[54] **COMMUTATEUR DE MATRICES OPTIQUE M X N**  
[72] AO, ERIC RONG, CA  
[71] JDS UNIPHASE INC., CA  
[22] 2001-08-23  
[43] 2002-02-28  
[30] US (09/648,625) 2000-08-28

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,355,921**  
[13] A1  
[51] **Int.Cl. 7A23J 1/20 7C07K 1/14 7A23L 1/305**  
[25] EN  
[54] **ISOLATED ANTIOXIDANT PEPTIDES FROM CASEIN AND METHODS FOR PREPARING, ISOLATING, AND IDENTIFYING ANTIOXIDANT PEPTIDES**  
[54] **PEPTIDES ANTIOXYDANTS ISOLES PROVENANT DE LA CASEINE, ET METHODES DE PREPARATION, D'ISOLEMENT ET D'IDENTIFICATION DE PEPTIDES ANTIOXYDANTS**  
[72] HAN, XIAO-QING, US  
[72] LINCOURT, RICHARD H., US  
[72] GAO, SONG, US  
[72] PARKIN, KIRK L., US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2001-08-27  
[43] 2002-02-28  
[30] US (09/650,429) 2000-08-28

---

[21] **2,355,922**  
[13] A1  
[51] **Int.Cl. 7B44C 1/17**  
[25] EN  
[54] **MEANS OF APPLYING A PRINTED IMAGE TO A TEXTILE SUBSTRATE**  
[54] **MOYENS DE METTRE UNE IMAGE IMPRIMEE SUR UN SUBSTRAT TEXTILE**  
[72] STIBUREK, ILONA, CH  
[72] KUMMER, PETER, CH  
[72] DIETRICH, IAN, CH  
[71] STAR COATING AG, CH  
[22] 2001-08-24  
[43] 2002-02-28  
[30] EP (00118168.4) 2000-08-30

---

[21] **2,355,923**  
[13] A1  
[51] **Int.Cl. 7B32B 5/04 7B32B 5/08**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING ELASTICALLY STRETCHABLE AND CONTRACTIBLE COMPOSITE SHEET**  
[54] **PROCESSUS DE FABRICATION DE FEUILLES COMPOSITES POUVANT S'ETIRER ET SE CONTRACTER**  
[72] TANGE, SATORU, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-24  
[43] 2002-02-28  
[30] JP (2000-262655) 2000-08-31

---

[21] **2,355,924**  
[13] A1  
[51] **Int.Cl. 7B32B 5/04 7B32B 5/08**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING ELASTICALLY STRETCHABLE AND CONTRACTIBLE COMPOSITE SHEET**  
[54] **PROCESSUS DE FABRICATION DE FEUILLES COMPOSITES POUVANT S'ETIRER ET SE CONTRACTER**  
[72] TANGE, SATORU, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-24  
[43] 2002-02-28  
[30] JP (2000-262656) 2000-08-31

---

[21] **2,355,925**  
[13] A1  
[51] **Int.Cl. 7A61L 2/04**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR STERILIZING KNIVES AND STEELS USED IN THE FOOD PROCESSING INDUSTRY**  
[54] **APPAREIL ET PROCEDE POUR STERILISER LES COUTEAUX ET LES OBJETS EN ACIER UTILISES DANS L'INDUSTRIE DE LA TRANSFORMATION DES ALIMENTS**  
[72] SKULL, JOHN CHARLES, AU  
[71] SKULL, JOHN CHARLES, AU  
[22] 2001-08-24  
[43] 2002-02-24  
[30] AU (PQ 9620) 2000-08-24

---

[21] **2,355,926**  
[13] A1  
[51] **Int.Cl. 7G09B 19/00 7A63B 69/00 7F41H 13/00**  
[25] EN  
[54] **METHODS OF AND DEVICES FOR TRAINING AND CERTIFYING PEOPLE IN THE USE OF NON-DEADLY FORCE**  
[54] **METHODES ET DISPOSITIFS POUR FORMER ET AGREER DES GENS DANS L'UTILISATION DE FORCE NON MEURTRIERE**  
[72] PATIRE, THOMAS J., US  
[71] PATIRE, THOMAS J., US  
[22] 2001-08-24  
[43] 2002-02-24  
[30] US (09/644,744) 2000-08-24

---

[21] **2,355,927**  
[13] A1  
[51] **Int.Cl. 7F16H 61/06**  
[25] EN  
[54] **CONTROL SYSTEM FOR VEHICULAR AUTOMATIC TRANSMISSION**  
[54] **SYSTEME DE COMMANDE DE LA TRANSMISSION AUTOMATIQUE D'UNE VOITURE**  
[72] KIMURA, HIROYUKI, JP  
[72] OKAZAKI, YUUJI, JP  
[72] IJICHI, YASUHIRO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-24  
[43] 2002-02-28  
[30] JP (2000-262781) 2000-08-31

---

[21] **2,355,937**  
[13] A1  
[51] **Int.Cl. 7F16H 61/14**  
[25] EN  
[54] **CONTROL SYSTEM FOR VEHICULAR AUTOMATIC TRANSMISSION**  
[54] **SYSTEME DE COMMANDE DE LA TRANSMISSION AUTOMATIQUE D'UNE VOITURE**  
[72] KAGAWA, MASAMICHI, JP  
[72] OKAZAKI, YUUJI, JP  
[72] KIMURA, HIROYUKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-24  
[43] 2002-02-28  
[30] JP (2000-262782) 2000-08-31

---

[21] **2,355,948**  
[13] A1  
[51] **Int.Cl. 7B62D 65/00**  
[25] EN  
[54] **MARGIN BLADE HOLDER ASSEMBLY**  
[54] **PORTE-BANDE D'ECART**  
[72] BATULA, DORU, CA  
[71] VALIANT MACHINE & TOOL INC., CA  
[22] 2001-08-24  
[43] 2002-02-25  
[30] US (09/648,352) 2000-08-25

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,355,957**  
[13] A1

[51] **Int.Cl. 7H04B 10/08 7H04J 14/02**  
[25] EN  
[54] **SAFETY SHUTDOWN SYSTEM FOR A WDM FIBER OPTIC COMMUNICATIONS SYSTEMS**  
[54] **SYSTEME D'ARRET D'URGENCE POUR UN SYSTEME DE TELECOMMUNICATIONS PAR FIBRE OPTIQUE WDM**  
[72] MAXHAM, KENNETH Y., US  
[71] ALCATEL USA SOURCING, L.P., US  
[22] 2001-08-23  
[43] 2002-02-25  
[30] US (09/648,019) 2000-08-25

---

[21] **2,355,977**  
[13] A1

[51] **Int.Cl. 7C04B 35/536 7H01M 8/10 7H01M 2/18**  
[25] EN  
[54] **IMPROVED EXPANDED GRAPHITE FLUID FLOW FIELD PLATES AND METHOD FOR MAKING SAME**  
[54] **ARMATURES FIXES D'ECOULEMENT EN GRAPHITE ELARGIES ET AMELIOREES, ET METHODE DE FABRICATION DESDITES ARMATURES**  
[72] GAULHOFER, ANDREAS, DE  
[72] ELIAS, HARTMUT, DE  
[72] SCHWAB, CLEMENS, DE  
[72] SEXSMITH, MICHAEL P., CA  
[71] BALLARD POWER SYSTEMS INC., CA  
[22] 2001-08-24  
[43] 2002-02-28  
[30] US (09/652,223) 2000-08-30

---

[21] **2,355,981**  
[13] A1

[51] **Int.Cl. 7A61F 13/494**  
[25] EN  
[54] **DISPOSABLE WEARING ARTICLE**  
[54] **ARTICLE A PORTER JETABLE**  
[72] OTSUBO, TOSHIFUMI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-24  
[43] 2002-03-01  
[30] JP (2000-265506) 2000-09-01  
[30] JP (2001-103962) 2001-04-02

---

---

[21] **2,355,983**  
[13] A1

[51] **Int.Cl. 7D21G 1/00 7D21G 1/02**  
[25] EN  
[54] **PROCESS FOR EXCHANGING AN INTERMEDIATE ROLL IN A CALENDER AND CALENDER**  
[54] **PROCESSUS DE CHANGEMENT DE ROULEAU INTERMEDIAIRE DANS UNE CALANDRE, ET CALANDRE**  
[72] KIRCHNER, MARKUS, DE  
[71] VOITH PAPER PATENT GMBH, DE  
[22] 2001-08-24  
[43] 2002-02-25  
[30] DE (100 41 887.2) 2000-08-25

---

[21] **2,355,988**  
[13] A1

[51] **Int.Cl. 7F16D 27/06**  
[25] EN  
[54] **ELECTROMAGNETIC CLUTCH AND A COMPRESSOR PROVIDED WITH ELECTROMAGNETIC CLUTCH**  
[54] **EMBAYAGE ELECTROMAGNETIQUE ET COMPRESSEUR FOURNI AVEC CELUI- CI**  
[72] ANDOH, HIROHIDE, JP  
[72] KAWADA, MINORU, JP  
[72] HATTORI, MAKOTO, JP  
[72] AZUMA, YOSHIKATSU, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2001-08-27  
[43] 2002-02-28  
[30] JP (2000-264533) 2000-08-31

---

[21] **2,355,991**  
[13] A1

[51] **Int.Cl. 7G02B 5/30 7G02B 5/20**  
[25] EN  
[54] **POLARIZING FILTER AND OPTICAL DEVICE USING THE SAME**  
[54] **FILTRE DE POLARISATION ET DISPOSITIF OPTIQUE L'UTILISANT**  
[72] KUNISADA, TERUFUSA, JP  
[72] SEKIGUCHI, YUKINARI, JP  
[72] MURAGUCHI, ISAO, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2001-08-27  
[43] 2002-02-28  
[30] JP (2000-261284) 2000-08-30

---

---

[21] **2,355,995**  
[13] A1

[51] **Int.Cl. 7B63H 20/00 7F02M 35/10**  
[25] EN  
[54] **OUTBOARD ENGINE UNIT**  
[54] **GROUPE MOTEUR HORS-BORD**  
[72] NEMOTO, HIDEKI, JP  
[72] RINZAKI, SHOICHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-27  
[43] 2002-02-25  
[30] JP (2000-255224) 2000-08-25  
[30] JP (2001-031240) 2001-02-07

---

[21] **2,355,997**  
[13] A1

[51] **Int.Cl. 7H04L 12/437 7H04L 12/43**  
[25] EN  
[54] **METHOD OF MANAGING TIME-SLOT INTERCHANGE IN CLASSIC MS-SPRING NETWORKS**  
[54] **METHODE DE GESTION DE L'ECHANGE DE CRENEAUX TEMPORELS DANS DES RESEAUX EN ANNEAU MS-SP NORMAUX**  
[72] SESTITO, VINCENZO, IT  
[71] ALCATEL, FR  
[22] 2001-08-27  
[43] 2002-02-28  
[30] IT (MI 2000A 001 919) 2000-08-29

---

[21] **2,355,998**  
[13] A1

[51] **Int.Cl. 7D21D 1/04 7D01B 1/24**  
[25] EN  
[54] **APPARATUS FOR BEATING STALK-, STEMS- AND/OR SHEET-TYPE REGENERATIVE RAW MATERIALS**  
[54] **APPAREIL DE DESAGREGATION DE MATIERES PREMIERES REGENERATIVES DU GENRE TIGES, PEDONCULES ET/OU FEUILLES**  
[72] GAESE, DAGMAR., DE  
[72] SCHILLING, E.E., DE  
[72] RICKERT, JOSEF, DE  
[71] RAIFFEISEN-WAREN-ZENTRALE RHEIN-MAIN E.G., DE  
[22] 2001-08-27  
[43] 2002-02-28  
[30] DE (100 42 195.4) 2000-08-28

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,355,999**  
[13] A1  
[51] **Int.Cl. 7F24H 1/20 7F24H 9/20**  
[25] EN  
[54] **WATER HEATER AND CONTROL SYSTEM THEREFOR**  
[54] **CHAUFFE-EAU ET DISPOSITIF DE REGULATION CONNEXE**  
[72] SHAHIN, NABIL OTHMAN, US  
[71] STATE INDUSTRIES, INC., US  
[22] 2001-08-27  
[43] 2002-02-28  
[30] US (09/651,158) 2000-08-30

---

[21] **2,356,000**  
[13] A1  
[51] **Int.Cl. 7H04L 12/24 7H04L 29/02**  
[25] EN  
[54] **SUPPLY OF A SERVICE OR AN APPLICATION WITH A SET QOS CATEGORY**  
[54] **PRESTATION D'UN SERVICE OU D'UNE APPLICATION AYANT UNE COTE DE QUALITE DE SERVICE PREDEFINIE**  
[72] WAHL, STEFAN, DE  
[71] ALCATEL, FR  
[22] 2001-08-27  
[43] 2002-02-28  
[30] DE (100 42 509.7) 2000-08-30

---

[21] **2,356,005**  
[13] A1  
[51] **Int.Cl. 7C09D 175/04 7C09D 175/02 7C09D 167/04 7C08G 18/70**  
[25] EN  
[54] **MATT POLYURETHANE POWDER COATINGS**  
[54] **PEINTURES EN POUDRE MATEES A BASE DE DE POLYURETHANE**  
[72] GRENDIA, WERNER, DE  
[72] WEISS, JORN VOLKER, DE  
[71] DEGUSSA AG, DE  
[22] 2001-08-27  
[43] 2002-02-28  
[30] DE (100 42 318.3) 2000-08-29

---

[21] **2,356,006**  
[13] A1  
[51] **Int.Cl. 7C08G 18/32 7C09D 175/02 7C08L 75/02**  
[25] EN  
[54] **NOVEL POLYUREAS BASED ON IPDI, HDI, THEIR ISOCYANURATES AND AMINES**  
[54] **NOUVELLES POLYUREES S'INSPIRANT DU DIISOCYANATE D'ISOPHORONE (DIIP), DU HEXAMETHYLENEDIISOCYANATE (HDI), LEURS ISOCYANURATES ET AMINES**  
[72] GRENDIA, WERNER, DE  
[72] WEISS, JORN-VOLKER, DE  
[71] DEGUSSA AG, DE  
[22] 2001-08-27  
[43] 2002-02-28  
[30] DE (100 42 322.1) 2000-08-29

---

[21] **2,356,008**  
[13] A1  
[51] **Int.Cl. 7H01M 4/86 7H01M 4/88**  
[25] EN  
[54] **MEMBRANE ELECTRODE ASSEMBLY FOR FUEL AND PROCESS FOR PRODUCING THE SAME**  
[54] **ASSEMBLAGE D'ELECTRODE A MEMBRANE POUR PILE A COMBUSTIBLE, ET PROCESSUS DE FABRICATION CONNEXE**  
[72] KANAOKA, NAGAYUKI, JP  
[72] SAITO, NOBUHIRO, JP  
[72] ASANO, YOICHI, JP  
[72] NANAUMI, MASAOKI, JP  
[72] FUKUDA, KAORU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-28  
[43] 2002-03-01  
[30] JP (P2000-265407) 2000-09-01  
[30] JP (P2000-265408) 2000-09-01  
[30] JP (P2000-265409) 2000-09-01

---

[21] **2,356,011**  
[13] A1  
[51] **Int.Cl. 7B29C 45/20 7B29C 45/17**  
[25] EN  
[54] **STACK INJECTION MOLDING APPARATUS WITH SEPARATELY ACTUATED ARRAYS OF VALVE GATES**  
[54] **APPAREIL PRINCIPAL DE MOULAGE PAR INJECTION MUNI DE RESEAUX D'OBTURATEURS ACTIONNES SEPAREMENT**  
[72] NAKANISHI, ITSUTO, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 2001-08-28  
[43] 2002-03-01  
[30] US (09/654,165) 2000-09-01

---

[21] **2,356,015**  
[13] A1  
[51] **Int.Cl. 7G07F 7/08 7G07F 17/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENCODING VOUCHERS IN A CASHLESS CASINO GAMING SYSTEM**  
[54] **METHODE ET APPAREIL DE CODAGE DE BONS D'ECHANGE DANS UN SYSTEME DE JEUX DE CASINO SANS NUMERAIRE**  
[72] MARCU, ADRIAN R., US  
[71] INTERNATIONAL GAME TECHNOLOGY, US  
[22] 2001-08-29  
[43] 2002-02-28  
[30] US (09/652,163) 2000-08-31

---

[21] **2,356,021**  
[13] A1  
[51] **Int.Cl. 7E01B 7/00**  
[25] EN  
[54] **RAILROAD TRACK SWITCH OPERATOR**  
[54] **SYSTEME D'AIGUILLAGE DE VOIE DE CHEMIN DE FER**  
[72] BRAATZ, JAMES D., US  
[71] AAA SALES & ENGINEERING INC., US  
[22] 2001-08-28  
[43] 2002-03-01  
[30] US (09/653,711) 2000-09-01

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,356,023**  
[13] A1

[51] **Int.Cl. 7C08L 77/12 7C08K 5/16 7C08J 5/18**  
[25] EN  
[54] **METHOD FOR REDUCING DUST DEPOSITION ON POLYOLEFIN FILMS**  
[54] **METHODE DE REDUCTION DU DEPOT DE POUSSIERES SUR DES FILMS EN POLYOLEFINE**  
[72] ERGENC, NADI, CH  
[72] LELLI, NICOLA, CH  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 2001-08-27  
[43] 2002-02-28  
[30] EP (00810777.3) 2000-08-29

---

[21] **2,356,025**  
[13] A1

[51] **Int.Cl. 7E21B 47/02 7E21B 47/024**  
[25] EN  
[54] **MEASUREMENT-WHILE-DRILLING ASSEMBLY USING GYROSCOPIC DEVICES AND METHODS OF BIAS REMOVAL**  
[54] **ASSEMBLAGE DE MESURE EN COURS DE FORAGE UTILISANT DES DISPOSITIFS GYROSCOPIQUES ET METHODES POUR ELIMINER LES ERREURS DE JUSTESSE**  
[72] KAHN, JON B., US  
[72] ESTES, ROBERT A., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-08-29  
[43] 2002-02-28  
[30] US (60/228,578) 2000-08-29  
[30] US (09/669,759) 2000-09-26

---

[21] **2,356,026**  
[13] A1

[51] **Int.Cl. 7C22C 19/07 7B22D 7/00 7C23F 15/00 7F16K 25/00 7F01L 3/00 7B22D 25/06 7F16K 1/12 7F01L 3/22**  
[25] EN  
[54] **CORROSION-RESISTING AND WEAR-RESISTING ALLOY AND DEVICE USING THE SAME**  
[54] **ALLIAGE RESISTANT A LA CORROSION ET A L'USURE ET DISPOSITIF UTILISANT CET ALLIAGE**  
[72] SAKAMOTO, AKIRA, JP  
[72] SHINOHARA, HIROYUKI, JP  
[72] CHIBA, YOSHITERU, JP  
[72] KUMAGAI, SHIN, JP  
[72] OGAWA, YASUHIRO, JP  
[72] KIYOTOKI YOSHIHISA, JP  
[71] HITACHI, LTD., JP  
[71] HITACHI KYOWA ENGINEERING CO., LTD., JP  
[22] 2001-08-27  
[43] 2002-02-28  
[30] JP (2000-263258) 2000-08-28  
[30] JP (2001-235714) 2001-08-03

---

[21] **2,356,027**  
[13] A1

[51] **Int.Cl. 7A44B 19/26 7A44B 19/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MOUNTING SLIDER DEVICES ONTO ZIPPER CLOSURES, AND PACKAGES MADE THEREBY**  
[54] **METHODE ET APPAREIL POUR PLACER DES GLISSIERES SUR DES FERMETURES A GLISSIERE, ET EMBALLAGES AINSI FABRIQUES**  
[72] FAERBER, RICHARD A., US  
[72] TOMIC, MLADOMIR, US  
[71] REYNOLDS CONSUMER PRODUCTS, INC., US  
[22] 2001-08-27  
[43] 2002-02-28  
[30] US (09/649,557) 2000-08-28

---

[21] **2,356,028**  
[13] A1

[51] **Int.Cl. 7B65G 21/00**  
[25] EN  
[54] **CONVEYOR INCORPORATING A MODULAR FRAME CONSTRUCTION**  
[54] **TRANSPORTEUR INTEGRANT UN CADRE SUPPORT MODULAIRE**  
[72] HALL, SCOTT M., US  
[72] ERTEL, DANIEL E., US  
[72] HOSCH, MICHAEL A., US  
[71] DORNER MFG. CORP., US  
[22] 2001-08-28  
[43] 2002-03-01  
[30] US (09/654,137) 2000-09-01

---

[21] **2,356,029**  
[13] A1

[51] **Int.Cl. 7G02F 1/1337 7C09K 19/02**  
[25] EN  
[54] **MATERIAL FOR PHOTO-ALIGNMENT LAYER, PHOTO-ALIGNMENT LAYER AND METHOD OF MANUFACTURING THE SAME**  
[54] **MATERIEL POUR LA COUCHE D'ALIGNEMENT DES PHOTOS, COUCHE D'ALIGNEMENT DES PHOTOS, ET METHODE DE FABRICATION CONNEXE**  
[72] TAKADA, HIROKAZU, JP  
[72] FUKUDA, MASANOBU, JP  
[72] HAYAKAWA, HITOSHI, JP  
[71] DAINIPPON INK AND CHEMICALS, INC., JP  
[22] 2001-08-27  
[43] 2002-02-28  
[30] JP (2000-260764) 2000-08-30

---

[21] **2,356,030**  
[13] A1

[51] **Int.Cl. 7A47G 23/02 7A45F 5/00**  
[25] EN  
[54] **HOT OR COLD BEVERAGE CONTAINER HOLDER**  
[54] **PORTE-CONTENANTS DE BOISSONS CHAUDES OU FROIDES**  
[72] BELL, ALLEN RAY, US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (09/652,467) 2000-08-31

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,356,032**  
[13] A1  
[51] **Int.Cl. 7A61M 1/10 7A61M 25/00 7A61M 39/00**  
[25] EN  
[54] **SHUNT VALVE**  
[72] MURPHY, KIERAN, US  
[72] COWAN, JOHN A., US  
[72] WILLIAMS, MICHAEL, US  
[72] RIGAMONTI, DANIELE, US  
[71] MURPHY, KIERAN, US  
[71] COWAN, JOHN A., US  
[71] WILLIAMS, MICHAEL, US  
[71] RIGAMONTI, DANIELE, US  
[22] 2001-08-29  
[43] 2002-02-28  
[30] US (60/228,937) 2000-08-30

---

[21] **2,356,033**  
[13] A1  
[51] **Int.Cl. 7H01M 2/14**  
[25] EN  
[54] **SEPARATOR FOR NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY**  
[54] **SEPARATEUR POUR ACCUMULATEUR SECONDAIRE A ELECTROLYTE NON AQUEUX, ET ACCUMULATEUR SECONDAIRE A ELECTROLYTE NON AQUEUX**  
[72] TAKAHASHI, TSUTOMU, JP  
[72] NISHIDA, YASUNORI, JP  
[72] SHINOHARA, YASUO, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 2001-08-28  
[43] 2002-02-28  
[30] JP (2000-260556) 2000-08-30

---

[21] **2,356,034**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **TICKET REMARKETING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE REVENTE DE BILLETS**  
[72] CHRISTIANSON, ROBERT, CA  
[72] DAVIDSON, GEORGE, CA  
[72] DUDDRIDGE, BRENDAN, CA  
[72] JOHANNSON, CLARK, CA  
[71] REPEAT SEAT INC., CA  
[22] 2001-08-29  
[43] 2002-02-28  
[30] US (60/228,412) 2000-08-29

---

[21] **2,356,037**  
[13] A1  
[51] **Int.Cl. 7E21B 36/04**  
[25] EN  
[54] **LIVE WELL HEATER CABLE**  
[54] **CABLE CHAUFFANT SOUS TENSION POUR PUIITS**  
[72] NEWBY, TERRY E., US  
[72] COX, DON C., US  
[72] WILBOURN, PHILLIP R., US  
[72] DALRYMPLE, LARRY V., US  
[72] NEUROTH, DAVID H., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (60/228,543) 2000-08-28

---

[21] **2,356,039**  
[13] A1  
[51] **Int.Cl. 7C23C 16/30 7B24D 3/00 7B26D 7/00 7C23C 14/22**  
[25] EN  
[54] **A TOOL OF A SURFACE-COATED BORON NITRIDE SINTERED COMPACT**  
[54] **OUTIL FABRIQUE A PARTIR D'UNE PASTILLE FRITTEE ENROBEE DE NITRURE DE BORE**  
[72] FUKUI, HARUYO, JP  
[72] OHARA, HISANORI, JP  
[72] OTA, MICHIKO, JP  
[72] KUKINO, SATORU, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2001-08-28  
[43] 2002-02-28  
[30] JP (262398/2000) 2000-08-31  
[30] US (247813/2001) 2001-08-17

---

[21] **2,356,040**  
[13] A1  
[51] **Int.Cl. 7B01D 45/08 7F17D 1/02**  
[25] EN  
[54] **GAS TRANSMISSION SYSTEM INCLUDING A WATER SEPARATOR**  
[54] **SYSTEME DE TRANSPORT DE GAZ, Y COMPRIS UN SEPARATEUR D'EAU**  
[72] CHAVEZ, FELIX, US  
[71] CHAVEZ, FELIX, US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (09/649,154) 2000-08-28

---

[21] **2,356,042**  
[13] A1  
[51] **Int.Cl. 7C23C 16/30 7B24D 3/00 7B26D 7/00 7C23C 14/22**  
[25] EN  
[54] **A TOOL OF A SURFACE-COATED BORON NITRIDE SINTERED COMPACT**  
[54] **OUTIL DE PASTILLE FRITTEE DE NITRURE DE BORE DONT LA SURFACE A UNE COUCHE DE PROTECTION**  
[72] OHARA, HISANORI, JP  
[72] KUKINO, SATORU, JP  
[72] OTA, MICHIKO, JP  
[72] FUKUI, HARUYO, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2001-08-28  
[43] 2002-02-28  
[30] JP (262399/2000) 2000-08-31  
[30] JP (247814/2001) 2001-08-17

---

[21] **2,356,045**  
[13] A1  
[51] **Int.Cl. 7C09K 11/66 7C09K 11/08 7C09K 11/59**  
[25] EN  
[54] **ELECTROLUMINESCENT DEVICE AND OXIDE PHOSPHOR FOR USE THEREIN**  
[54] **DISPOSITIF ELECTROLUMINESCENT ET PHOSPHORE D'OXYDE A UTILISER DANS LEDIT DISPOSITIF**  
[72] MINAMI, TADATSUGU, JP  
[72] MIYATA, TOSHIHIRO, JP  
[72] UENO, TOSHIKI, JP  
[72] URANO, YUJI, JP  
[71] HOKUSHIN CORPORATION, JP  
[22] 2001-08-28  
[43] 2002-02-28  
[30] JP (2000-306832) 2000-08-30  
[30] JP (2000-375290) 2000-11-05

---

[21] **2,356,047**  
[13] A1  
[51] **Int.Cl. 7G03G 9/083**  
[25] EN  
[54] **TONER CONTAINING MAGNETITE PARTICLES**  
[54] **POUDRE IMPRIMANTE CONTENANT DES PARTICULES DE MAGNETITE**  
[72] MEISEN, ULRICH, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2001-08-28  
[43] 2002-03-01  
[30] DE (10043492.4) 2000-09-01

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,356,054**  
[13] A1

[51] **Int.Cl. 7G05D 7/06 7F16K 17/36 7D06F 37/42**  
[25] EN  
[54] **APPLIANCE SAFETY VALVE ASSEMBLY**  
[54] **SOUPAPE DE SURETE POUR APPAREIL MENAGER**  
[72] MONTGOMERY, DANNY K., US  
[71] CASMONT INDUSTRIES, INC., US  
[22] 2001-08-30  
[43] 2002-02-28  
[30] US (09/651,163) 2000-08-30

---

[21] **2,356,056**  
[13] A1

[51] **Int.Cl. 7H04L 29/02**  
[25] EN  
[54] **CONTROL STATION, APPARATUS AND NETWORK SYSTEM**  
[54] **STATION DE COMMANDE, APPAREIL ET SYSTEME RESEAU**  
[72] IKENO, NAOAKI, JP  
[72] HIRATA, MASUHISA, JP  
[72] SHIMOMURA, TAKUYA, JP  
[72] SASAMORI, TOSHIKI, JP  
[72] KOSHIRO, CHIAKI, JP  
[71] OMRON CORPORATION, JP  
[22] 2001-08-30  
[43] 2002-03-01  
[30] JP (2000-265234) 2000-09-01

---

[21] **2,356,058**  
[13] A1

[51] **Int.Cl. 7A61K 31/437 7A61P 3/04 7A61K 45/08 7A61P 19/10 7A61K 9/22 7A61K 9/52**  
[25] EN  
[54] **INTERMITTENT ADMINISTRATION OF A GROWTH HORMONE SECRETAGOGUE**  
[54] **ADMINISTRATION INTERMITTENTE D'UN SECRETAGOGUE D'HORMONE DE CROISSANCE**  
[72] MACLEAN, DAVID BURTON, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (60/229,077) 2000-08-30

---

---

[21] **2,356,059**  
[13] A1

[51] **Int.Cl. 7C07D 311/66**  
[25] EN  
[54] **METHOD FOR PRODUCING CHROMAN-CARBOXYLIC ACID**  
[54] **METHODE DE PRODUCTION D'ACIDE CHROMANE-CARBOXYLIQUE**  
[72] SATO, JUNKO, JP  
[72] TORIHARA, MASAHIRO, JP  
[72] HAYASHIBARA, TATSUHIKO, JP  
[71] KURARAY CO., LTD., JP  
[22] 2001-08-28  
[43] 2002-02-28  
[30] JP (259565/2000) 2000-08-29

---

[21] **2,356,064**  
[13] A1

[51] **Int.Cl. 7B62D 25/16**  
[25] EN  
[54] **FENDER ASSEMBLY AND ADJUSTABLE MOUNTING BRACKET THEREFOR**  
[54] **PARE-CHOCS ET SUPPORT DE MONTAGE AJUSTABLE**  
[72] HAWES, TIMOTHY R., US  
[71] FLEET ENGINEERS, INC., US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (60/228,670) 2000-08-29  
[30] US (60/269,662) 2001-02-16

---

[21] **2,356,065**  
[13] A1

[51] **Int.Cl. 7C07D 207/06 7A61P 15/10 7A61P 25/24 7A61K 31/40**  
[25] EN  
[54] **PHENOXYPHENYLHETEROCYCLE DERIVATIVES AS SSRIS**  
[54] **DERIVES DE PHENOXYPHENYLHETEROCYCLE COMME SSRIS**  
[72] STOBIE, ALAN, GB  
[72] HEPWORTH, DAVID, GB  
[72] MIDDLETON, DONALD STUART, GB  
[72] ANDREWS, MARK DAVID, GB  
[71] PFIZER INC., US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] GB (0021594.7) 2000-08-31  
[30] GB (0105634.0) 2001-03-07

---

---

[21] **2,356,074**  
[13] A1

[51] **Int.Cl. 7G01N 21/55**  
[25] EN  
[54] **CHARACTERIZATION OF THE DISTRIBUTION QUALITY OF WHITE PIGMENTS IN A MATRIX**  
[54] **CARACTERISATION DE LA QUALITE DE DISTRIBUTION DES PIGMENTS BLANCS DANS UNE MATRICE**  
[72] SCHMELZER, JOSEF, DE  
[71] KRONOS TITAN GMBH & CO. OHG, DE  
[22] 2001-08-30  
[43] 2002-03-01  
[30] DE (10043038.4) 2000-09-01

---

[21] **2,356,082**  
[13] A1

[51] **Int.Cl. 7A01D 34/81**  
[25] EN  
[54] **HOUSING STRUCTURE FOR LAWN MOWER**  
[54] **BATI POUR TONDEUSE A GAZON**  
[72] KUTSUKAKE, MITSUHIRO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-29  
[43] 2002-02-28  
[30] JP (2000-264397) 2000-08-31

---

[21] **2,356,089**  
[13] A1

[51] **Int.Cl. 7B32B 27/08 7B29C 65/02 7B32B 31/24 7B32B 27/32 7B65D 81/34 7B65D 65/40**  
[25] EN  
[54] **IRRADIATED BIAXIALLY ORIENTED FILM**  
[54] **PELLICULE IRRADIEE ET ORIENTEE BIAXIALEMENT**  
[72] IDLAS, SCOTT A., US  
[71] CURWOOD, INC., US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (09/652,591) 2000-08-30

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,356,091**  
[13] A1  
[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **DIGITAL KEY TELEPHONE SET AND DIGITAL KEY TELEPHONE SYSTEM**  
[54] **APPAREIL TELEPHONIQUE A TOUCHES NUMERIQUES ET SYSTEME DE TELEPHONE A TOUCHES NUMERIQUES**  
[72] TANAKA, TOSHIKI, JP  
[72] TAKAHASHI, TOSHIKI, JP  
[72] HORIUCHI, TAKESHI, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2001-08-29  
[43] 2002-02-28  
[30] JP (2000-259536) 2000-08-29

---

[21] **2,356,094**  
[13] A1  
[51] **Int.Cl. 7H01M 8/24**  
[25] EN  
[54] **PEM FUEL CELL STACK**  
[54] **FAISCEAU DE PILES A COMBUSTIBLE PEM**  
[72] ZUBER, RALF, DE  
[72] BAYER, ARMIN, DE  
[72] STENKE, UDO, DE  
[72] KUHNHOLD, HEIKE, DE  
[71] DMC2 DEGUSSA METALS CATALYSTS CERDEC AG, DE  
[22] 2001-08-29  
[43] 2002-02-28  
[30] DE (100 42 744.8) 2000-08-31

---

[21] **2,356,101**  
[13] A1  
[51] **Int.Cl. 7A61F 13/494**  
[25] EN  
[54] **DISPOSABLE PULL-ON DIAPER**  
[54] **COUCHE A CEINTURE ELASTIQUE JETABLE**  
[72] NAKAMURA, KENJI, JP  
[72] SHIMADA, TAKAOKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-29  
[43] 2002-03-01  
[30] JP (2000-266104) 2000-09-01

---

[21] **2,356,103**  
[13] A1  
[51] **Int.Cl. 7A61F 13/496**  
[25] EN  
[54] **ELASTICALLY STRETCHABLE COMPOSITE SHEET AND DISPOSABLE WEARING ARTICLE USING THIS COMPOSITE SHEET**  
[54] **FEUILLE COMPOSITE POUVANT S'ETIRER, ET ARTICLE A PORTER JETABLE UTILISANT LADITE FEUILLE**  
[72] GODA, HIROKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-29  
[43] 2002-03-01  
[30] JP (2000-266195) 2000-09-01

---

[21] **2,356,105**  
[13] A1  
[51] **Int.Cl. 7B41F 13/02**  
[25] EN  
[54] **ROTARY PRINTING MACHINE**  
[54] **PRESSE ROTATIVE**  
[72] DILLING, PEER, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2001-08-29  
[43] 2002-02-28  
[30] DE (100 42 503.8) 2000-08-30

---

[21] **2,356,108**  
[13] A1  
[51] **Int.Cl. 7A47G 25/18**  
[25] EN  
[54] **COORDINATE LOOP GARMENT HANGER**  
[54] **CINTRE MUNI D'UNE BOUCLE POUR SUSPENDRE UN COORDONNE**  
[72] GOULDSON, STANLEY F., US  
[72] OLK, OLAF, US  
[71] SPOTLESS PLASTICS PTY. LTD., AU  
[22] 2001-08-30  
[43] 2002-02-28  
[30] US (09/653,140) 2000-08-31

---

[21] **2,356,110**  
[13] A1  
[51] **Int.Cl. 7C08L 83/04 7C08K 3/08 7B32B 25/20 7C08K 3/34**  
[25] EN  
[54] **THERMOCONDUCTIVE LIQUID SILICONE RUBBER COMPOSITION FOR FIXING ROLLS AND A FLUORORESIN COATED FIXING ROLL**  
[54] **COMPOSITION DE CAOUTCHOUC DE SILICONE LIQUIDE THERMOCONDUCTRICE POUR REPARER LES ROULEAUX DE FIXATION ET ROULEAU DE FIXATION ENROBE DE FLUORORESINE**  
[72] OKA, YUTAKA, JP  
[72] YOSHIDA, HIROAKI, JP  
[72] TSUJI, YUICHI, JP  
[71] DOW CORNING TORAY SILICONE COMPANY, LTD., JP  
[22] 2001-08-28  
[43] 2002-02-28  
[30] JP (2000-261431) 2000-08-30

---

[21] **2,356,116**  
[13] A1  
[51] **Int.Cl. 7A47J 31/58**  
[25] EN  
[54] **COFFEE MACHINE FOR BREWING COFFEE POWDER PRE-PACKED IN A CARTRIDGE**  
[54] **MACHINE A CAFE POUR INFUSER DU CAFE EN Poudre PRE-EMBALLÉ DANS UNE CARTOUCHE**  
[72] SCHMED, ARTHUR, CH  
[71] FIANARA INTERNATIONAL B.V., NL  
[22] 2001-08-30  
[43] 2002-02-28  
[30] CH (2000 1690/00) 2000-08-30

---

[21] **2,356,120**  
[13] A1  
[51] **Int.Cl. 7A61C 19/08 7A61C 19/00 7A61L 15/16 7A61L 15/44 7A61L 15/58**  
[25] EN  
[54] **INTRAORAL ADHESIVE PREPARATION**  
[54] **PREPARATION ADHESIVE INTRA-BUCCALE**  
[72] ITO, MASAOKI, JP  
[72] SAITO, JUNICHI, JP  
[72] NINOMIYA, KAZUHISA, JP  
[71] NITTO DENKO CORPORATION, JP  
[22] 2001-08-30  
[43] 2002-02-28  
[30] JP (263623/2000) 2000-08-31

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,356,123**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C07H 21/04 7C12P 19/34 7C12N 15/64 7C12Q 1/68**  
[25] EN  
[54] **METHOD OF PREPARING NORMALIZED AND/OR SUBTRACTED CDNA**  
[54] **METHODE DE PREPARATION D'ADNC NORMALISE ET/OU SOUSTRAIT**  
[72] HAYASHIZAKI, YOSHIHIDE, JP  
[71] RIKEN, JP  
[71] HAYASHIZAKI, YOSHIHIDE, JP  
[22] 2001-08-22  
[43] 2002-02-25  
[30] JP (255402/2000) 2000-08-25

---

[21] **2,356,124**  
[13] A1

[51] **Int.Cl. 7C12N 15/62 7C07K 19/00 7A61P 37/00 7C12N 15/12 7A61K 38/17 7C07K 16/28 7A61K 39/395 7A61K 47/48 7G01N 33/564 7G01N 33/566 7C07K 14/735**  
[25] EN  
[54] **ANTI-IGE VACCINES**  
[54] **VACCINS ANTI-IGE**  
[72] SHEPPARD, MICHAEL GEORGE, AU  
[72] WHEELER, DAVID WALTER, US  
[72] MORSEY, MOHAMAD ALI, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (60/228,989) 2000-08-30

---

[21] **2,356,132**  
[13] A1

[51] **Int.Cl. 7B02C 18/16**  
[25] EN  
[54] **DEVICE FOR COMMINUTING FEED MATERIAL**  
[54] **DISPOSITIF POUR BROYER LES ALIMENTS**  
[72] PALLMANN, WILHELM, DE  
[71] PALLMANN MASCHINENFABRIK GMBH & CO. KG, DE  
[22] 2001-08-28  
[43] 2002-02-28  
[30] DE (100 42 265.9) 2000-08-29

---

---

[21] **2,356,135**  
[13] A1

[51] **Int.Cl. 7A61M 5/32 7A61M 5/50**  
[25] EN  
[54] **HYPODERMIC SYRINGE WITH SELECTIVELY RETRACTABLE NEEDLE**  
[54] **SERINGUE HYPODERMIQUE AVEC AIGUILLE A HAUTE RETRACTABILITE**  
[72] GABEL, JONATHAN, US  
[72] COHN, SIMON, US  
[72] CAIZZA, RICHARD, US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (09/652,374) 2000-08-31

---

[21] **2,356,139**  
[13] A1

[51] **Int.Cl. 7H01P 1/20 7H01P 5/00**  
[25] EN  
[54] **SIDE - COUPLED MICROWAVE FILTER WITH CIRCUMFERENTIALLY - SPACED IRISES**  
[54] **FILTRE HYPERFREQUENCE COUPLE LATERALEMENT AVEC DES IRIS A ESPACES CIRCULAIRES**  
[72] FITZPATRICK, WILLIAM, CA  
[72] SMITH, DAVID, CA  
[72] YU, MING, CA  
[72] SIVADAS, APU, CA  
[71] COM DEV LIMITED, CA  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (09/650,479) 2000-08-29

---

[21] **2,356,161**  
[13] A1

[51] **Int.Cl. 7H04L 27/01 7H04L 27/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING EQUALIZER USING SYNC SIGNAL IN DIGITAL VESTIGIAL SIDEBAND SYSTEM**  
[54] **METHODE ET APPAREIL DE COMMANDE D'UN EGALISEUR UTILISANT UN SIGNAL DE SYNCHRONISATION DANS UN SYSTEME A BANDE LATERALE RESIDUELLE NUMERIQUE**  
[72] KIM, KI-BUM, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2001-08-28  
[43] 2002-02-28  
[30] KR (2000-51083) 2000-08-31

---

---

[21] **2,356,169**  
[13] A1

[51] **Int.Cl. 7A61L 2/18 7B08B 3/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROCESSING DEVICE WITH FLUID SUBMERSSION**  
[54] **METHODE ET APPAREIL DE TRAITEMENT D'UN DISPOSITIF CONTENANT DU LIQUIDE**  
[72] LIN, SZU-MIN, US  
[71] ETHICON, INC., US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (09/650,839) 2000-08-30

---

[21] **2,356,173**  
[13] A1

[51] **Int.Cl. 7E02D 29/02 7E04C 1/00**  
[25] EN  
[54] **INTERLOCKING MASONRY WALL BLOCK**  
[54] **BLOC DE MUR EN MACONNERIE AUTOBLOQUANT**  
[72] WHITSON, ROBERT L., US  
[71] BEND INDUSTRIES, INC., US  
[22] 2001-08-28  
[43] 2002-02-28  
[30] US (60/228,517) 2000-08-28

---

[21] **2,356,205**  
[13] A1

[51] **Int.Cl. 7H04M 3/53 7H04L 12/54**  
[25] EN  
[54] **METHOD OF TRANSFERRING MESSAGE RECEIVED AND STORED IN THE ABSENCE OF THE USER**  
[54] **METHODE DE TRANSFERT D'UN MESSAGE RECU ET ENREGISTRE PENDANT L'ABSENCE DE L'UTILISATEUR**  
[72] HOMMA, HIROKI, JP  
[71] NEC CORPORATION, JP  
[22] 2001-08-30  
[43] 2002-02-28  
[30] JP (260729/2000) 2000-08-30

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] **2,356,209**  
[13] A1

[51] **Int.Cl. 7C08L 29/06 7B29C 49/06 7B32B 27/08 7C08K 3/08 7C08L 25/10**  
[25] EN  
[54] **ETHYLENE-VINYL ALCOHOL COPOLYMER COMPOSITION AND MULTILAYERED CONTAINER USING THE SAME**  
[54] **COMPOSITION DE COPOLYMER D'ETHYLENE ALCOOL DE VINYLE, ET RECIPIENT MULTICOUCHE SE SERVANT DE LADITE COMPOSITION**  
[72] SHIMO, HIROYUKI, JP  
[72] TAI, SHINJI, JP  
[72] NAKAYA, MASAKAZU, JP  
[71] KURARAY CO., LTD., JP  
[22] 2001-08-30  
[43] 2002-03-01  
[30] JP (2000 266179) 2000-09-01

[21] **2,356,210**  
[13] A1

[51] **Int.Cl. 7H04M 3/30 7H04M 11/06 7H04L 29/10 7H04M 1/738**  
[25] EN  
[54] **STATE MONITORING METHOD AND APPARATUS IN SUBSCRIBER LINE TEST**  
[54] **METHODE ET APPAREIL DE SURVEILLANCE DE L'ETAT PENDANT DES TESTS DE LIGNES D'ABONNES**  
[72] YANAGI, KAZUYA, JP  
[71] NEC CORPORATION, JP  
[22] 2001-08-30  
[43] 2002-02-28  
[30] JP (260822/2000) 2000-08-30

[21] **2,356,211**  
[13] A1

[51] **Int.Cl. 7H01M 10/36**  
[25] EN  
[54] **LITHIUM BASED BATTERY**  
[54] **BATTERIE AU LITHIUM**  
[72] SATO, TAKAYA, JP  
[72] YOSHIDA, HIROSHI, JP  
[72] HASHIMOTO, ZENZO, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[71] ITOCHU CORPORATION, JP  
[22] 2001-08-30  
[43] 2002-03-01  
[30] JP (2000-265661) 2000-09-01

[21] **2,356,216**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR EVALUATING EMPLOYEES AND AGGREGATING THEIR RESPECTIVE SKILLS AND EXPERIENCE IN A SEARCHABLE DATABASE FOR SHARING KNOWLEDGE RESOURCES**  
[54] **METHODE POUR EVALUER DES EMPLOYES ET REGROUPER LEURS COMPETENCES ET LEURS EXPERIENCES RESPECTIVES DANS UNE BASE DE DONNES INTERROGEABLE EN VUE DU PARTAGE DES CONNAISSANCES**  
[72] HERRELL, WILLIAM R., III, US  
[71] HERRELL, WILLIAM R., III, US  
[22] 2001-08-29  
[43] 2002-02-28  
[30] US (60/228,771) 2000-08-30  
[30] US (09/933,666) 2001-08-22

[21] **2,356,219**  
[13] A1

[51] **Int.Cl. 7B65D 5/06**  
[25] EN  
[54] **SHIPPING CARTON WITH SLOTTED FLAPS**  
[54] **CARTON D'EXPEDITION AVEC RABATS A FENTES**  
[72] ENCISO, NEIL, US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2001-08-29  
[43] 2002-02-28  
[30] US (09/651,413) 2000-08-30

[21] **2,356,223**  
[13] A1

[51] **Int.Cl. 7C08G 77/06 7C08J 3/03 7C08L 83/08**  
[25] EN  
[54] **MECHANICAL MICROEMULSIONS OF BLENDED SILICONES**  
[54] **MICROEMULSIONS D'UN MELANGE DE SILICONES REMUEES MECANIQUEMENT**  
[72] NEWTON, JOANNA, BE  
[72] LEBOUCHER, MARIE-AGNES, BE  
[72] KENNAN, LINDA DENISE, US  
[71] DOW CORNING S.A., BE  
[71] DOW CORNING CORPORATION, US  
[22] 2001-08-29  
[43] 2002-03-01  
[30] US (09/654,071) 2000-09-01

[21] **2,356,226**  
[13] A1

[51] **Int.Cl. 7C12H 1/00 7C12C 12/00 7C12G 3/00 7B01D 71/02 7B01D 61/14**  
[25] EN  
[54] **METHOD FOR THE REMOVAL OF PARTICULATE MATTER FROM AQUEOUS SUSPENSION**  
[54] **METHODE D'ENLEVEMENT DE PARTICULES D'UNE SUSPENSION AQUEUSE**  
[72] CHRISTIANSEN, NIELS, DK  
[71] HALDOR TOPSOE A/S, DK  
[22] 2001-08-29  
[43] 2002-03-01  
[30] DK (PA 2000 01292) 2000-09-01

[21] **2,356,227**  
[13] A1

[51] **Int.Cl. 7B32B 5/04 7B32B 5/08 7A61F 13/51**  
[25] EN  
[54] **HYDROPHILIC ELASTICALLY STRETCHABLE COMPOSITE SHEET**  
[54] **FEUILLE COMPOSITE HYDROPHILE POUVANT S'ETIRER**  
[72] YAMAKI, KOICHI, JP  
[72] MITSUNO, SATOSHI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-29  
[43] 2002-03-01  
[30] JP (2000-266296) 2000-09-01

[21] **2,356,233**  
[13] A1

[51] **Int.Cl. 7B63H 20/00 7F02M 35/10**  
[25] EN  
[54] **OUTBOARD MOTOR**  
[54] **MOTEUR HORS-BORD**  
[72] RINZAKI, SHOICHI, JP  
[72] NEMOTO, HIDEKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-08-27  
[43] 2002-02-25  
[30] JP (2000-256296) 2000-08-25  
[30] JP (2000-256383) 2000-08-25

**Demandes canadiennes mises à la disponibilité du public**  
**24 fevrier 2002 - 2 mars 2002**

---

[21] **2,356,237**  
[13] A1

[51] **Int.Cl. 7C09J 133/12 7C09J 115/00 7C09J 131/04 7C09J 129/06 7C09J 123/08 7C09J 133/10 7C09J 123/14**

[25] EN

[54] **PRESSURE-SENSITIVE ADHESIVE COMPOSITION AND PRESSURE-SENSITIVE TAPE OR SHEET**

[54] **COMPOSITION AUTOADHESIVE ET RUBAN OU FEUILLE AUTOADHESIF(-VE)**

[72] KUNIYA, MASAYOSHI, JP  
[72] KASAHARA, TSUYOSHI, JP  
[72] SASAKI, YASUYUKI, JP  
[71] NITTO DENKO CORPORATION, JP  
[22] 2001-08-27  
[43] 2002-02-28  
[30] JP (2000-257690) 2000-08-28

---

[21] **2,356,238**  
[13] A1

[51] **Int.Cl. 7H04L 12/437**

[25] EN

[54] **METHOD OF MANAGING TIME-SLOT INTERCHANGE IN TRANSOCEANIC MS-SPRING NETWORKS**

[54] **METHODE POUR GERER L'ECHANGE DE CRENEAUX DE TEMPS DANS LES RESEAUX EN ANNEAU MS-SP TRANSOCEANIQUES**

[72] SESTITO, VINCENZO, IT  
[72] MAZZINI, ANDREA, IT  
[72] LICATA, GIUSEPPA, IT  
[71] ALCATEL, FR  
[22] 2001-08-27  
[43] 2002-02-28  
[30] IT (MI 2000A 001 918) 2000-08-29

---

[21] **2,356,303**  
[13] A1

[51] **Int.Cl. 7C25D 11/00 7C23F 3/00 7C22C 19/03 7F01D 5/14 7G01N 33/20 7F01D 5/28**

[25] FR

[54] **PROCEDE DE REVELATION STRUCTURALE POUR SUPERALLIAGES MONOCRISTALLINS**

[54] **STRUCTURAL DETECTION PROCESS FOR MONOCRYSTALLINE SUPERALLOYS**

[72] RUMI, MICHEL, FR  
[72] POUBANNE, PHILIPPE, FR  
[72] POUTONNET, SYLVIE, FR  
[71] SNECMA MOTEURS, FR  
[22] 2001-08-24  
[43] 2002-02-28  
[30] FR (00 10979) 2000-08-28

---

[21] **2,356,305**  
[13] A1

[51] **Int.Cl. 7C23C 10/48 7C22C 43/00 7C25D 13/00**

[25] FR

[54] **FORMATION D'UN REVETEMENT ALUMINIURE INCORPORANT UN ELEMENT REACTIF, SUR UN SUBSTRAT METALLIQUE**

[54] **FORMING OF AN ALUMINIDE COATING CONTAINING A REACTIVE ELEMENT, OVER A METALLIC SUBSTRATE**

[72] NTSAMA ETOUNDI, MARIE-CHRISTINE, FR  
[72] OBERLAENDER, GUILLAUME, FR  
[72] JASLIER, YANN, FR  
[72] MARTINEZ, ALAIN, FR  
[71] SNECMA MOTEURS, FR  
[22] 2001-08-24  
[43] 2002-02-28  
[30] FR (00 11000) 2000-08-28

---

[21] **2,356,307**  
[13] A1

[51] **Int.Cl. 7B61D 17/00**

[25] FR

[54] **CAISSE DE VEHICULE FERROVIAIRE**

[54] **RAILWAY CAR BODY SHELL**

[72] CAMPUS, EMIGLIANO, FR  
[71] ALSTOM, FR  
[22] 2001-08-27  
[43] 2002-02-28  
[30] FR (00 11 091) 2000-08-30

---

[21] **2,356,308**  
[13] A1

[51] **Int.Cl. 7F02K 7/10**

[25] FR

[54] **SYSTEME D'OBTURATION POUR UN ORIFICE D'UN CONDUIT, EN PARTICULIER POUR UN ORIFICE D'UNE VOIE D'INTRODUCTION D'AIR DANS LA CHAMBRE DE COMBUSTION D'UN STATOREACTEUR**

[54] **PLUGGING SYSTEM FOR A LINE PORT, SPECIFICALLY, FOR THE PORT OF A CHANNEL USED IN ADMINISTERING AIR INTO A RAMJET ENGINE COMBUSTION CHAMBER**

[72] CARTON, LAURENT, FR  
[72] DEMAY, JEAN-PAUL, FR  
[71] AEROSPATIALE MATRA MISSILES, FR  
[22] 2001-08-27  
[43] 2002-02-28  
[30] FR (00 10 983) 2000-08-28

---

[21] **2,356,335**  
[13] A1

[51] **Int.Cl. 7F25D 13/06**

[25] FR

[54] **TUNNEL CRYOGENIQUE DE REFRIGERATION DE PRODUITS, NOTAMMENT ALIMENTAIRES**

[54] **CRYOGENIC TUNNEL FOR THE REFRIGERATION OF PRODUCTS, ESPECIALLY FOOD PRODUCTS**

[72] TAYLOR, ROBERT, BE  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR  
[22] 2001-08-29  
[43] 2002-03-01  
[30] FR (00 11189) 2000-09-01

---

[21] **2,356,396**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12P 19/34 7C12Q 1/68 7C12N 15/90**

[25] EN

[54] **TARGET ENRICHMENT AND AMPLIFICATION FOR ARRAY ANALYSIS**

[54] **ENRICHISSEMENT ET AMPLIFICATION DES CIBLES AUX FINS DE L'ANALYSE DE SERIE**

[72] DONG, SHOULIAN, CA  
[72] KENNEDY, GIULIA, US  
[72] SU, XING, US  
[72] MCALLISTER, LINDA, US  
[71] AFFYMETRIX, INC., US  
[22] 2001-08-24  
[43] 2002-02-26  
[30] US (60/228,253) 2000-08-26  
[30] US (09/766,212) 2001-01-19

---

[21] **2,356,403**  
[13] A1

[51] **Int.Cl. 7G01R 23/00**

[25] EN

[54] **WAVEFORM MEASURING METHOD AND APPARATUS**

[54] **METHODE ET APPAREIL POUR MESURER LE SIGNAL DE DISPERSION**

[72] OTANI, AKIHITO, JP  
[72] OTSUBO, TOSHINOBU, JP  
[72] WATANABE, HIROTO, JP  
[71] ANRITSU CORPORATION, JP  
[22] 2001-08-30  
[43] 2002-02-28  
[30] JP (2000-263592) 2000-08-31

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

[21] **2,356,406**  
[13] A1

[51] **Int.Cl. 7G01R 23/00**  
[25] EN  
[54] **WAVEFORM MEASURING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL POUR MESURER LE SIGNAL DE DISPERSION**  
[72] OTANI, AKIHITO, JP  
[72] WATANABE, HIROTO, JP  
[72] OTSUBO, TOSHINOBU, JP  
[71] ANRITSU CORPORATION, JP  
[22] 2001-08-30  
[43] 2002-02-28  
[30] JP (2000-263591) 2000-08-31

[21] **2,356,410**  
[13] A1

[51] **Int.Cl. 7H04L 9/30**  
[25] EN  
[54] **CERTIFICATE VALIDITY AUTHENTICATION METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'AUTHENTIFICATION DE LA VALIDITE D'UN CERTIFICAT**  
[72] MIYAZAKI, YUTAKA, JP  
[72] MORIO, TOMOHARU, JP  
[72] KUMAGAI, YOKO, JP  
[72] TEZUKA, SATORU, JP  
[72] FUJISHIRO, TAKAHIRO, JP  
[71] HITACHI, LTD., JP  
[22] 2001-08-30  
[43] 2002-02-28  
[30] JP (2000-261065) 2000-08-30

[21] **2,356,421**  
[13] A1

[51] **Int.Cl. 7G02B 6/18**  
[25] EN  
[54] **OPTICAL FIBER AND OPTICAL TRANSMISSION LINE USING THIS OPTICAL FIBER**  
[54] **FIBRE OPTIQUE ET LIGNE DE TRANSMISSION OPTIQUE SE SERVANT DE DE LADITE FIBRE OPTIQUE**  
[72] MUKASA, KAZUNORI, JP  
[71] THE FURUKAWA ELECTRIC CO., LTD., JP  
[22] 2001-08-30  
[43] 2002-03-01  
[30] JP (2000-266086) 2000-09-01

[21] **2,356,449**  
[13] A1

[51] **Int.Cl. 7A01D 34/67**  
[25] EN  
[54] **MOWER HAVING ADJUSTABLY LOCKABLE HANDLEBAR AND ENGINE CONTROL**  
[54] **TONDEUSE MUNIE D'UN GUIDON VERROUILLABLE ET AJUSTABLE, ET AYANT LA COMMANDE DU MOTEUR**  
[72] JOSEPH, FRANZ, DE  
[71] SABO MASCHINENFABRIK GMBH, DE  
[22] 2001-08-31  
[43] 2002-03-02  
[30] DE (100 43 240.9) 2000-09-02  
[30] DE (100 43 243.3) 2000-09-02  
[30] DE (100 43 241.7) 2000-09-02

[21] **2,356,455**  
[13] A1

[51] **Int.Cl. 7C07F 5/02 7C08F 212/08 7C08B 3/16 7C08K 5/17 7C08F 212/36 7C08K 5/54 7C08K 5/55**  
[25] EN  
[54] **PREPARATION AND USES OF CONJUGATED SOLID SUPPORTS FOR BORONIC ACIDS**  
[54] **PREPARATION ET UTILISATIONS DE SUPPORTS SOLIDES CONJUGUES POUR LES ACIDES BORONIQUES**  
[72] HALL, DENNIS G., CA  
[71] UNIVERSITY OF ALBERTA, CA  
[22] 2001-08-31  
[43] 2002-02-28  
[30] US (60/229,833) 2000-08-31  
[30] US (60/235,386) 2000-09-25  
[30] CA (2,317,191) 2000-08-31

[21] **2,356,468**  
[13] A1

[51] **Int.Cl. 7A61L 24/06 7A61L 15/24 7A61L 15/58**  
[25] EN  
[54] **ADHESIVE COMPOSITION FOR SKIN AND ADHESIVE TAPE OR SHEET FOR SKIN COMPRISING THE COMPOSITION**  
[54] **COMPOSITION ADHESIVE POUVANT S'APPLIQUER SUR LA PEAU, ET FEUILLE OU RUBAN ADHESIF POUVANT S'APPLIQUER SUR LA PEAU COMPRENANT LADITE COMPOSITION**  
[72] MURAKAMI, YOSHIHIDE, JP  
[72] OKADA, KATSUHIRO, JP  
[71] NITTO DENKO CORPORATION, JP  
[22] 2001-08-31  
[43] 2002-03-01  
[30] JP (265365/2000) 2000-09-01  
[30] JP (121313/2001) 2001-04-19

[21] **2,356,476**  
[13] A1

[51] **Int.Cl. 7G01S 3/72 7H04B 7/08**  
[25] EN  
[54] **A METHOD FOR CALIBRATING A WIDEBAND DIRECTION FINDING SYSTEM**  
[54] **METHODE POUR CALIBRER UN SYSTEME DE RADIOGONIOMETRIE A LARGE BANDE**  
[72] MATT, ERNIE, CA  
[72] GAGNON, BENOIT, CA  
[72] PATENAUDE, FRANCOIS, CA  
[72] DUFOUR, MARTIAL, CA  
[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF COMMUNICATIONS, CA  
[22] 2001-08-31  
[43] 2002-02-28  
[30] US (60/229,062) 2000-08-31

[21] **2,356,491**  
[13] A1

[51] **Int.Cl. 7B60K 15/06**  
[25] EN  
[54] **FUEL TANK AND FUEL TANK FILLING ARRANGEMENT**  
[54] **RESERVOIR DE CARBURANT ET DISPOSITIF POUR REMPLIR UN RESERVOIR DE CARBURANT**  
[72] REINELT, GEORG, DE  
[71] KAUTEX TEXTRON GMBH & CO. KG, DE  
[22] 2001-08-30  
[43] 2002-02-28  
[30] DE (100 42 529.1) 2000-08-30

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,356,493**  
[13] A1

[51] **Int.Cl. 7E21B 19/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR CREATING A DOWNHOLE BUOYANT CASING CHAMBER**  
[54] **METHODE ET APPAREIL POUR CREER UNE CHAMBRE DE CUVELAGE FLOTTANTE AU FONDS D'UN Puits**  
[72] ROGERS, HENRY E., US  
[72] SULLAWAY, BOBBY L., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2001-08-30  
[43] 2002-02-28  
[30] US (09/655,623) 2000-08-31

---

[21] **2,356,501**  
[13] A1

[51] **Int.Cl. 7A47D 13/10**  
[25] EN  
[54] **CHILD ACTIVITY DEVICE**  
[54] **CENTRE D'ACTIVITES POUR ENFANTS**  
[72] STERN, CARL M., US  
[72] SNYDER, TIMOTHY J., US  
[72] KELLY, BRIAN S., US  
[72] WEIMAN, ANDREW M., US  
[71] MATTEL, INC., US  
[22] 2001-08-31  
[43] 2002-02-28  
[30] US (09/653,008) 2000-08-31  
[30] US (09/654,917) 2000-09-05

---

[21] **2,356,506**  
[13] A1

[51] **Int.Cl. 7E21B 23/00**  
[25] EN  
[54] **HIGH-LOAD BIG BORE LOCK**  
[54] **VERROU A CHARGE ELEVEE ET A GROS CALIBRE**  
[72] LEMBCKE, JEFFREY J., US  
[72] HICKEY, KURT A., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-08-30  
[43] 2002-02-28  
[30] US (09/651,039) 2000-08-30

---

---

[21] **2,356,511**  
[13] A1

[51] **Int.Cl. 7D21F 3/02**  
[25] EN  
[54] **PRESSING ARRANGEMENT**  
[54] **DISPOSITIF DE PRESSAGE**  
[72] KOMPOSCH, GERD, DE  
[71] VOITH PAPER PATENT GMBH, DE  
[22] 2001-08-30  
[43] 2002-02-28  
[30] DE (DE 100 42 906.8) 2000-08-31

---

[21] **2,356,513**  
[13] A1

[51] **Int.Cl. 7C09K 19/42 7G02F 1/1333**  
[25] EN  
[54] **LIQUID CRYSTAL DISPLAY**  
[54] **AFFICHAGE A CRISTAUX LIQUIDES**  
[72] TAKATSU, HARUYOSHI, JP  
[72] OHNISHI, HIROYUKI, JP  
[72] KAWAKAMI, SHOTARO, JP  
[72] KURIYAMA, TAKESHI, JP  
[72] SUDO, GO, JP  
[71] DAINIPPON INK AND CHEMICALS, INC., JP  
[22] 2001-08-30  
[43] 2002-02-28  
[30] JP (2000-262851) 2000-08-31

---

[21] **2,356,518**  
[13] A1

[51] **Int.Cl. 7B65B 27/08 7B65B 13/02**  
[25] EN  
[54] **METHOD AND DEVICE FOR THE STRAPPING OF STACKS OF PRINTED PRODUCTS**  
[54] **METHODE ET DISPOSITIF POUR LIER DES PILES DE PRODUITS IMPRIMES**  
[72] MULLER, ERWIN, CH  
[71] FERAG AG, CH  
[22] 2001-08-30  
[43] 2002-02-28  
[30] CH (1687/00) 2000-08-30

---

---

[21] **2,356,592**  
[13] A1

[51] **Int.Cl. 7E02B 13/00 7E02B 11/00**  
[25] EN  
[54] **STORMWATER DISPENSING CHAMBER**  
[54] **CHAMBRE DE DISTRIBUTION D'EAUX PLUVIALES**  
[72] MAESTRO, ROBERT M., US  
[71] MAESTRO, ROBERT M., US  
[22] 2001-08-22  
[43] 2002-02-25  
[30] US (09/645,269) 2000-08-25

---

[21] **2,356,605**  
[13] A1

[51] **Int.Cl. 7G01N 37/00 7G01N 21/01**  
[25] EN  
[54] **COMPOSITION AND PROCESS FOR FABRICATION OF ABSORBANCE AND FLUORESCENCE STANDARDS**  
[54] **COMPOSITION ET PROCEDE POUR FABRIQUER DES NORMES D'ABSORBANCE ET DE FLUORESCENCE**  
[72] MASOUMI, ZAHRA, CA  
[72] YEKTA, AHMAD, CA  
[71] IMAGING RESEARCH, INC., CA  
[22] 2001-08-30  
[43] 2002-02-28  
[30] US (60/229,152) 2000-08-30

---

[21] **2,356,726**  
[13] A1

[51] **Int.Cl. 7F16H 37/02 7F03D 11/00**  
[25] EN  
[54] **TRANSMISSION FOR WIND GENERATORS**  
[54] **TRANSMISSION POUR EOLIENNES**  
[72] HOSLE, HELMUT, DE  
[71] RENK AG, DE  
[22] 2001-08-30  
[43] 2002-03-01  
[30] DE (100 43 593.9) 2000-09-01

---

Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002

---

[21] **2,356,781**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06 7H04M 11/06**  
[25] EN  
[54] **SYSTEM INTEGRATION  
FRAMEWORK**  
[54] **CADRE D'INTEGRATION DE  
SYSTEMES**  
[72] PERKINS, MATHEW NICHOLAS, CA  
[72] CHURCH, ROBERT JAMES, CA  
[72] ROBERTS, NOEL, CA  
[71] ARIA SOLUTIONS INC., CA  
[22] 2001-08-30  
[43] 2002-02-28  
[30] CA (2,318,287) 2000-08-30

---

[21] **2,356,784**  
[13] A1  
[51] **Int.Cl. 7A63H 19/20 7A63H 19/30**  
[25] EN  
[54] **RACE CAR AND TRACK  
COURSE**  
[54] **CIRCUIT ET VOITURE DE  
COURSE**  
[72] HORNSBY, JAMES R., US  
[72] MCGOWAN, JOSEPH L., US  
[72] BENSON, MARCELLUS R., US  
[72] ULMER, KURT V., US  
[71] TRENDMASTERS, INC., US  
[22] 2001-08-30  
[43] 2002-02-28  
[30] US (60/229,654) 2000-08-31

---

[21] **2,356,785**  
[13] A1  
[51] **Int.Cl. 7B32B 5/04 7B32B 5/08 7B32B  
31/14 7A61F 13/15**  
[25] EN  
[54] **ELASTICALLY STRETCHABLE  
COMPOSITE SHEET AND PROCESS  
FOR MAKING THE SAME**  
[54] **FEUILLE COMPOSITE POUVANT  
S'ETIRER, ET PROCESSUS DE  
FABRICATION DE LADITE FEUILLE**  
[72] KOBAYASHI, TOSHIO, JP  
[72] GODA, HIROKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-08-31  
[43] 2002-03-01  
[30] JP (2000-266084) 2000-09-01

---

[21] **2,356,786**  
[13] A1  
[51] **Int.Cl. 7A61K 38/22 7B01J 2/00  
7A61K 38/04 7A61K 45/08 7A61K 9/12  
7A61K 38/13 7A61K 9/14 7A61K 38/16  
7A61K 9/72**  
[25] EN  
[54] **SOLID PEPTIDE PREPARATIONS  
FOR INHALATION AND THEIR  
PREPARATION**  
[54] **PREPARATIONS DE PEPTIDE  
SOLIDE POUR INHALATION, ET LEUR  
PREPARATION**  
[72] WOLF-HEUSS, ELISABETH, DE  
[72] LIZIO, ROSARIO, DE  
[72] SARKLIKIOTIS, WERNER, GR  
[72] DAMM, MICHAEL, DE  
[71] SOFOTEC GMBH & CO. KG, DE  
[22] 2001-08-31  
[43] 2002-03-01  
[30] DE (100 43 509.2) 2000-09-01

---

[21] **2,356,787**  
[13] A1  
[51] **Int.Cl. 7G11B 7/00 7G11B 23/28**  
[25] EN  
[54] **OPTICAL DISC  
AUTHENTICATION METHOD AND  
APPARATUS**  
[54] **METHODE ET APPAREIL  
D'AUTHENTIFICATION DE DISQUES  
OPTIQUES**  
[72] SALIAHOV, OLEG, RU  
[71] SALIAHOV, OLEG, RU  
[22] 2001-08-31  
[43] 2002-03-01  
[30] CA (2,318,310) 2000-09-01

---

[21] **2,356,808**  
[13] A1  
[51] **Int.Cl. 7B23B 51/00**  
[25] EN  
[54] **QUICK CHANGE MANDREL  
ASSEMBLY FOR USE WITH A HOLE  
SAW AND A PILOT DRILL BIT**  
[54] **ENSEMBLE DE MANDRIN A  
CHANGEMENT RAPIDE POUR  
UTILISATION AVEC SAUTEUSE ET  
TREPAN PILOTE**  
[72] PHILLIPS, GREGORY A., US  
[72] HALL, RICHARD L., US  
[72] WARD, KEVIN M., US  
[72] NUSS, BART, US  
[71] CREDO TOOL COMPANY, US  
[22] 2001-09-04  
[43] 2002-03-01  
[30] US (60/230,526) 2000-09-01

---

[21] **2,357,054**  
[13] A1  
[51] **Int.Cl. 7C09D 175/06 7B05D 3/02  
7C09D 133/12 7B05D 7/16 7B05D 7/24  
7B05D 1/38**  
[25] EN  
[54] **WATER-BORNE COATING  
COMPOSITION AND METHOD OF  
FORMING MULTILAYER COATING  
FILM**  
[54] **COMPOSITION DE REVETEMENT  
DILUABLE A L'EAU, ET METHODE DE  
FABRICATION D'UNE PELLICULE  
PROTECTRICE MULTICOUCHE**  
[72] MURAYAMA, MASARU, JP  
[72] HARAKAWA, TSUYOSHI, JP  
[72] SEO, SHINNJI, JP  
[72] TSUJI, NAOHIRO, JP  
[71] NIPPON PAINT CO., LTD., JP  
[22] 2001-08-31  
[43] 2002-03-01  
[30] JP (2000-265208) 2000-09-01  
[30] JP (2000-265209) 2000-09-01

---

[21] **2,357,090**  
[13] A1  
[51] **Int.Cl. 7E01B 9/04**  
[25] EN  
[54] **IMPROVED CONCRETE  
RAILROAD TIE INSULATOR SPACER  
AND FASTENING SYSTEM**  
[54] **SYSTEME AMELIORE  
D'ECARTEMENT ET DE FIXATION  
DES ISOLATEURS DES TRAVERSES  
DE CHEMIN DE FER EN BETON**  
[72] BURKE, RICHARD A., US  
[72] PILESI, WILLIAM D., US  
[71] KSA LIMITED PARTNERSHIP, US  
[22] 2001-08-27  
[43] 2002-02-28  
[30] US (09/652,073) 2000-08-31

---

[21] **2,357,408**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06**  
[25] FR  
[54] **SYSTEME DE COMMUNICATION  
D'UN EQUIPEMENT  
D'AUTOMATISME BASE SUR LE  
PROTOCOLE SOAP**  
[54] **COMMUNICATION SYSTEM OF  
AN AUTOMATION EQUIPMENT  
BASED ON THE SOAP PROTOCOL**  
[72] STAWIKOWSKI, JEAN-MARIE, FR  
[72] HARDY, CHRISTIAN, FR  
[71] SCHNEIDER AUTOMATION, FR  
[22] 2001-08-27  
[43] 2002-02-28  
[30] FR (00 11 320) 2000-08-31

**Demandes canadiennes mises à la disponibilité du public**  
**24 février 2002 - 2 mars 2002**

---

[21] **2,357,409**

[13] A1

[51] **Int.Cl. 7H04L 29/06**

[25] FR

[54] **SYSTEME DE COMMUNICATION  
D'UN EQUIPEMENT  
D'AUTOMATISME BASE SUR LE  
LANGAGE WSDL**

[54] **COMMUNICATION SYSTEM OF  
AN AUTOMATION EQUIPMENT  
BASED ON WSDL LANGUAGE**

[72] STAWIKOWSKI, JEAN-MARIE, FR

[71] SCHNEIDER AUTOMATION, FR

[22] 2001-08-27

[43] 2002-02-28

[30] FR (00 11 320) 2000-08-31

---

[21] **2,357,412**

[13] A1

[51] **Int.Cl. 7H02J 7/35 7A61F 2/00**

[25] EN

[54] **SUBCUTANEOUSLY  
IMPLANTABLE POWER SUPPLY  
[54] ALIMENTATION EN**

**ELECTRICITE IMPLANTABLE**

[72] CASEY, DON EDWARD, US

[71] CASEY, DON EDWARD, US

[22] 2001-08-28

[43] 2002-02-28

[30] US (09/650,503) 2000-08-29

---

[21] **2,363,603**

[13] A1

[51] **Int.Cl. 7H01P 7/06 7H01P 1/207**

[25] EN

[54] **MODIFIED CONDUCTOR  
LOADED CAVITY RESONATOR WITH  
IMPROVED SPURIOUS  
PERFORMANCE**

[54] **CAVITE RESONANTE MODIFIEE  
A CHARGE DE CONDUCTEURS A  
CARACTERISTIQUES**

**ANTIPARASITES AMELIOREES**

[72] MANSOUR, RAAFAT R., CA

[71] COM DEV LTD., CA

[22] 2001-12-11

[43] 2002-02-27

[30] US (60/254,109) 2000-12-12

**Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

---

[21] **2,362,897**  
[13] A1  
[51] **Int.Cl. 7C12N 15/29 7C07K 14/415 7C12N 15/82**  
[25] EN  
[54] **PLANT CENTROMERES**  
[54] **COMPOSITIONS DE CHROMOSOMES VEGETAUX ET METHODES**  
[72] PREUSS, DAPHNE, US  
[72] KEITH, KEVIN, US  
[72] COPENHAVER, GREGORY, US  
[71] THE UNIVERSITY OF CHICAGO, US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007392)  
[87] 2000-09-21 (WO2000/055325)  
[30] US (60/125,219) 1999-03-18  
[30] US (60/127,409) 1999-04-01  
[30] US (60/134,770) 1999-05-18  
[30] US (60/153,584) 1999-09-13  
[30] US (60/154,603) 1999-09-17  
[30] US (60/172,493) 1999-12-16

---

[21] **2,362,913**  
[13] A1  
[51] **Int.Cl. 7A21D 8/04 7C12N 9/18 7C12N 15/55**  
[25] EN  
[54] **METHODS FOR USING LACTONOHYDROLASES IN BAKING**  
[54] **PROCEDES D'UTILISATION DES LACTONOHYDROLASES DANS LA CUISSON AU FOUR**  
[72] XU, FENG, US  
[71] NOVOZYMES BIOTECH, INC., US  
[85] 2001-08-23  
[86] 2000-02-24 (PCT/US2000/004942)  
[87] 2001-05-25 (WO2001/035750)  
[30] US (09/256,521) 1999-02-24

---

[21] **2,363,027**  
[13] A1  
[51] **Int.Cl. 7C08K 3/32 7C08L 67/03**  
[25] EN  
[54] **PHOSPHORUS-CONTAINING FIRE RETARDANT THERMOPLASTIC POLYESTER COMPOSITION**  
[54] **COMPOSITION DE POLYESTER THERMOPLASTIQUE IGNIFUGE CONTENANT DU PHOSPHORE**  
[72] ALESSIO, GERALD R., US  
[72] BRIGHT, DANIELLE A., US  
[72] LEVCHIK, SERGEI V., US  
[71] AKZO NOBEL N.V., NL  
[85] 2001-08-20  
[86] 2000-02-18 (PCT/US2000/004159)  
[87] 2000-08-24 (WO2000/049077)  
[30] US (09/253,214) 1999-02-19

---

[21] **2,363,060**  
[13] A1  
[51] **Int.Cl. 7A23L 1/236**  
[25] EN  
[54] **DIETETIC CHOCOLATE COMPOSITION**  
[54] **COMPOSITION DE CHOCOLAT DIETETIQUE**  
[72] OLINGER, PHILIP M., US  
[72] REGAN, MICHAEL JOHN, US  
[71] DANISCO CULTOR AMERICA, INC., US  
[85] 2001-07-06  
[86] 2000-01-07 (PCT/US2000/000244)  
[87] 2000-07-13 (WO2000/040101)  
[30] US (60/115,100) 1999-01-07  
[30] US (09/477,734) 2000-01-05

---

[21] **2,363,090**  
[13] A1  
[51] **Int.Cl. 7B64C 27/12**  
[25] EN  
[54] **ROTARY WING AIRCRAFT SUPPLEMENTARY POWER DRIVE SYSTEM**  
[54] **SYSTEME DE COMMANDE MECANIQUE SUPPLEMENTAIRE DE GIRAVION**  
[72] PIASECKI, FRANK N., US  
[71] PIASECKI AIRCRAFT CORPORATION, US  
[85] 2001-08-02  
[86] 2000-02-22 (PCT/US2000/005072)  
[87] 2000-11-16 (WO2000/068075)  
[30] US (09/305,948) 1999-05-06

---

[21] **2,363,563**  
[13] A1  
[51] **Int.Cl. 7E02D 29/02 7E04C 1/39**  
[25] EN  
[54] **STOCKADE**  
[54] **ELEMENT DE PALISSADE**  
[72] SCHMITZ, MICHAEL, DE  
[71] F. VON LANGSDORFF LICENSING LIMITED, CA  
[85] 2001-08-10  
[86] 2000-02-08 (PCT/EP2000/000981)  
[87] 2000-08-17 (WO2000/047828)  
[30] DE (199 05 842.3) 1999-02-12

## PCT Applications Entering the National Phase

---

[21] **2,363,564**  
[13] A1  
[51] **Int.Cl. 7E04H 17/14 7A01G 1/08**  
[25] EN  
[54] **WALL ELEMENT, ESPECIALLY A PALISADE**  
[54] **COMPOSANT DE PAROI, EN PARTICULIER ELEMENT DE PALISSADE**  
[72] SCHMITZ, MICHAEL, DE  
[71] F. VON LANGSDORFF LICENSING LIMITED, CA  
[85] 2001-08-10  
[86] 2000-02-10 (PCT/EP2000/001059)  
[87] 2000-08-17 (WO2000/047846)  
[30] DE (299 02 467.9) 1999-02-12  
[30] DE (299 15 545.5) 1999-09-02  
[30] DE (299 12 038.4) 1999-07-10

---

[21] **2,364,173**  
[13] A1  
[51] **Int.Cl. 7B01J 20/24 7C02F 1/28**  
[25] EN  
[54] **A NOVEL AGROPOLYMER USED FOR PURIFICATION OF POLLUTED WATER OR CONTAMINATED WATER CONTAINING METAL OR IONS AND A METHOD OF PRODUCING THE AGROPOLYMER**  
[54] **POLYMERE D'ORIGINE AGRICOLE UTILISE POUR LA PURIFICATION D'EAU POLLUEE OU CONTAMINEE CONTENANT DU METAL OU DES IONS, ET PROCEDE DE PRODUCTION DE CE POLYMERE**  
[72] PRASAD, YANDAPALLI DURGA, IN  
[71] BIJAM BIOSCIENCE LIMITED, IN  
[85] 2001-08-24  
[86] 2000-02-24 (PCT/IN2000/000015)  
[87] 2000-08-31 (WO2000/050167)  
[30] IN (222/MAS/99) 1999-02-24  
[30] IN (223/MAS/99) 1999-02-24

---

[21] **2,365,219**  
[13] A1  
[51] **Int.Cl. 7F23D 11/36**  
[25] EN  
[54] **SAFETY LIGHTER WITH COMPOUND FINGER PAD**  
[54] **BRIQUET DE SECURITE A COUSSINET TACTILE COMPOSE**  
[72] CHUNG, AMAN K. M., CN  
[71] CHUNG, AMAN K. M., CN  
[85] 2001-08-28  
[86] 2001-01-03 (PCT/US2001/000124)  
[87] 2001-07-12 (WO2001/050063)  
[30] US (09/477,336) 2000-01-04

---

[21] **2,365,242**  
[13] A1  
[51] **Int.Cl. 7B01J 19/12 7G01N 1/44**  
[25] EN  
[54] **IN-CAVITY CONNECTORS FOR SYSTEM DETECTORS IN MICROWAVE ASSISTED PROCESSES**  
[54] **CONNECTEURS SITUES DANS UNE CAVITE, DESTINES A DES DETECTEURS DE SYSTEME UTILISES DANS DES TECHNIQUES AUX MICRO-ONDES**  
[72] THOMAS, JAMES EDWARD, US  
[71] CEM LIMITED, LLC, US  
[85] 2001-07-13  
[86] 2000-01-07 (PCT/US2000/000400)  
[87] 2000-07-27 (WO2000/043125)  
[30] US (09/235,344) 1999-01-21

---

[21] **2,365,254**  
[13] A1  
[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **TREATMENT FOR DENTIN SENSITIVITY WITH AQUEOUS DISPERSIONS OF HYDROPHOBE-CO-HYDROPHILE COPOLYMERS**  
[54] **TRAITEMENT DE LA SENSIBILITE DENTINAIRE A L'AIDE DE DISPERSIONS AQUEUSES DE COPOLYMERES HYDROPHOBES-CO-HYDROPHILES**  
[72] HERMS, JAMES K., US  
[72] DODD, GREGORY P., US  
[71] BLOCK DRUG COMPANY, INC., US  
[85] 2001-08-16  
[86] 2000-02-17 (PCT/GB2000/000578)  
[87] 2000-08-24 (WO2000/048561)  
[30] US (09/253,120) 1999-02-19

---

[21] **2,365,954**  
[13] A1  
[51] **Int.Cl. 7C08F 4/60 7C08F 110/02 7C08L 23/06**  
[25] EN  
[54] **POLYMERIZATION OF ETHYLENE**  
[54] **POLYMERISATION D'ETHYLENE**  
[72] GUAN, ZHIBIN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-09-21  
[86] 2000-03-30 (PCT/US2000/008360)  
[87] 2000-10-12 (WO2000/059956)  
[30] US (60/127,324) 1999-04-01

---

[21] **2,365,958**  
[13] A1  
[51] **Int.Cl. 7G02B 5/18 7G02B 6/16 7G02F 1/35 7G02F 1/377 7G02F 1/383 7G02B 27/44**  
[25] EN  
[54] **APERIODIC LONGITUDINAL GRATINGS AND OPTIMISATION METHOD**  
[54] **AMELIORATIONS APORTEES A DES RESEAUX**  
[72] PARKER, MICHAEL CHARLES, GB  
[72] MEARS, ROBERT JOSEPH, GB  
[71] MEARS, ROBERT JOSEPH, GB  
[85] 2001-08-30  
[86] 2000-03-03 (PCT/GB2000/000768)  
[87] 2000-09-14 (WO2000/054080)  
[30] GB (9905196.3) 1999-03-05  
[30] GB (9911952.1) 1999-05-21

---

[21] **2,366,310**  
[13] A1  
[51] **Int.Cl. 7E04B 2/74 7G09F 5/00**  
[25] FR  
[54] **DISPOSITIF ADAPTABLE DE DELIMITATION ET D'AMENAGEMENT DES ESPACES ET DES VOLUMES**  
[54] **ADAPTABLE DEVICE FOR DELIMITING AND ORGANISING SPACES AND VOLUMES**  
[72] GREGOIRE, NICAISE, FR  
[72] HAYER, PHILIPPE, FR  
[71] GREGOIRE, NICAISE, FR  
[71] HAYER, PHILIPPE, FR  
[85] 2001-09-07  
[86] 2000-03-06 (PCT/FR2000/000552)  
[87] 2000-09-28 (WO2000/056992)  
[30] FR (99/03639) 1999-03-24

## Demandes PCT entrant en phase nationale

[21] **2,366,413**  
[13] A1

[51] **Int.Cl. 7H04B 10/00 7G02F 1/29 7G02B 6/43**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ALIGNING OPTICAL INTERCONNECTIONS BETWEEN PRINTED CIRCUIT BOARDS**  
[54] **PROCEDE ET DISPOSITIF D'ALIGNEMENT D'INTERCONNEXIONS OPTIQUES ENTRE PLAQUETTES DE CIRCUIT IMPRIME**  
[72] MAHLAB, URI, IL  
[72] YEHEZKELY, HERTZEL, IL  
[71] LIGHTSCAPE NETWORKS LTD., IL  
[85] 2001-05-31  
[86] 2000-09-28 (PCT/IL2000/000608)  
[87] 2001-04-12 (WO2001/026255)  
[30] US (09/409,751) 1999-10-01

[21] **2,366,494**  
[13] A1

[51] **Int.Cl. 7B01J 19/00**  
[25] EN  
[54] **APPARATUS FOR PRE-DETERMINED MASS SORTING OF POSITIONAL-ENCODED SOLID PHASE SYNTHESIS SUPPORTS**  
[54] **APPAREIL DESTINE AU TRI SELON LES MASSES PRE-ETABLIES DES SUPPORTS DE SYNTHESE EN PHASE SOLIDE A CODAGE POSITIONNEL**  
[72] MORAN, EDMUND, US  
[72] CARGILL, JOHN, US  
[72] MAIEFSKI, ROMAINE, US  
[71] ONTOGEN CORPORATION, US  
[85] 2001-10-05  
[86] 2001-02-07 (PCT/US2001/003953)  
[87] 2001-08-16 (WO2001/058583)  
[30] US (09/500,249) 2000-02-08

[21] **2,366,590**  
[13] A1

[51] **Int.Cl. 7H01S 3/23 7H01S 3/0941**  
[25] EN  
[54] **SYSTEM AND METHOD FOR HIGH-SPEED LASER DETECTION OF ULTRASOUND**  
[54] **SYSTEME ET PROCEDE POUR DETECTION LASER HAUTE VITESSE D'ULTRASONS**  
[72] DRAKE, THOMAS E., JR., US  
[71] LOCKHEED MARTIN CORPORATION, US  
[85] 2001-09-24  
[86] 2000-06-23 (PCT/US2000/017281)  
[87] 2000-12-28 (WO2000/079656)  
[30] US (09/344,298) 1999-06-24

[21] **2,366,595**  
[13] A1

[51] **Int.Cl. 7G01T 7/00**  
[25] EN  
[54] **SOLID STATE RADIATION DETECTOR WITH TISSUE EQUIVALENT RESPONSE**  
[54] **DETECTEUR SOLIDE DE RAYONNEMENT A REPONSE EQUIVALENTE A CELLE DE TISSUS**  
[72] BARDASH, MICHAEL J., US  
[71] BARDASH, MICHAEL J., US  
[85] 2001-09-24  
[86] 2000-07-17 (PCT/US2000/019435)  
[87] 2001-02-01 (WO2001/007934)  
[30] US (09/358,268) 1999-07-21

[21] **2,366,613**  
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 39/02 7A61P 37/04 7A61K 9/16 7A61K 39/39**  
[25] EN  
[54] **PARTICLE BASED VACCINE COMPOSITION**  
[54] **COMPOSITION VACCINALE A BASE DE PARTICULES**  
[72] ALPAR, HAZIRE OYA, GB  
[72] WILLIAMSON, ETHEL DIANE, GB  
[72] BAILLIE, LESLIE WILLIAM JAMES, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2001-09-20  
[86] 2000-03-23 (PCT/GB2000/001108)  
[87] 2000-09-28 (WO2000/056282)  
[30] GB (9906695.3) 1999-03-24

[21] **2,366,617**  
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 31/545**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF A BIOAVAILABLE ORAL DOSAGE FORM OF CEFUROXIME AXETIL**  
[54] **PROCEDE DE PREPARATION D'UNE FORME POSOLOGIQUE ORALE BIODISPONIBLE DE CEFUROXIME AXETIL**  
[72] SOMANI, JITENDRA KRISHAN, IN  
[72] SEN, HIMADRI, IN  
[72] BHUSHAN, INDU, IN  
[71] RANBAXY LABORATORIES LIMITED, IN  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/IB2000/000292)  
[87] 2000-09-28 (WO2000/056286)  
[30] IN (453/DEL/99) 1999-03-19  
[30] US (09/366,986) 1999-08-04

[21] **2,366,645**  
[13] A1

[51] **Int.Cl. 7A01N 25/02**  
[25] EN  
[54] **LIQUID FORMULATIONS AND TENSIDE/SOLVENT SYSTEMS**  
[54] **PREPARATIONS LIQUIDES ET SYSTEMES TENSIONACTIF/SOLVANT**  
[72] WURTZ, JOCHEN, DE  
[72] MAIER, THOMAS, DE  
[72] JOHANN, GERHARD, DE  
[72] SCHNABEL, GERHARD, DE  
[71] AVENTIS CROPS SCIENCE GMBH, DE  
[85] 2001-09-21  
[86] 2000-03-13 (PCT/EP2000/002207)  
[87] 2000-09-28 (WO2000/056146)  
[30] DE (199 13 036.1) 1999-03-23

[21] **2,366,661**  
[13] A1

[51] **Int.Cl. 7A23F 5/24 7A23C 3/04**  
[25] EN  
[54] **BEVERAGE TOPPING**  
[54] **NAPPAGE POUR BOISSONS**  
[72] JIMENEZ-LAGUNA, ANTONIO, CH  
[72] LOMETILLO, JOSEPHINE, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-09-17  
[86] 1999-05-05 (PCT/EP1999/003060)  
[87] 2000-09-28 (WO2000/056163)  
[30] US (09/272,080) 1999-03-18

## PCT Applications Entering the National Phase

[21] **2,366,663**  
[13] A1

[51] **Int.Cl. 7G01N 33/92**  
[25] EN  
[54] **METHOD FOR QUANTITATING CHOLESTEROL**  
[54] **PROCEDE DE QUANTIFICATION DU CHOLESTEROL**  
[72] YAMAMOTO, MITSUAKI, JP  
[72] TAKAHASHI, YOKO, JP  
[72] TANIGUCHI, YURIKO, JP  
[72] NAKANISHI, KAZUO, JP  
[72] ODAHARA, SHOKO, JP  
[72] NAKAMURA, MITSUHIRO, JP  
[72] HINO, KOICHI, JP  
[71] DAIICHI PURE CHEMICALS CO., LTD., JP  
[85] 2001-09-24  
[86] 2000-03-17 (PCT/JP2000/001663)  
[87] 2000-09-28 (WO2000/057191)  
[30] JP (11/80503) 1999-03-24

[21] **2,366,667**  
[13] A1

[51] **Int.Cl. 7G01J 3/28 7G01N 21/27 7G01J 3/42**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CALIBRATING A REFLECTION IMAGING SPECTROPHOTOMETER**  
[54] **SYSTEME ET PROCEDE D'ETALONNAGE POUR SPECTROPHOTOMETRE D'IMAGERIE PAR REFLEXION**  
[72] NADEAU, RICHARD G., US  
[72] GRONER, WARREN, US  
[72] COOK, CHRISTOPHER A., US  
[71] CYTOMETRICS, INC., US  
[85] 2001-09-18  
[86] 2000-03-15 (PCT/US2000/006587)  
[87] 2000-09-28 (WO2000/057146)  
[30] US (09/271,993) 1999-03-19

[21] **2,366,672**  
[13] A1

[51] **Int.Cl. 7A23L 1/314 7A23L 1/308 7A23L 1/315 7A23L 1/318**  
[25] EN  
[54] **USE OF INULIN IN MEAT PRODUCTS**  
[54] **EMPLOI D'INULINE DANS DES PRODUITS CARNES**  
[72] STOELTIE, RONALD GERARDUS ANTONIUS, NL  
[71] UNIFINE INDUSTRY B.V., NL  
[85] 2001-09-19  
[86] 2000-03-17 (PCT/NL2000/000181)  
[87] 2000-09-28 (WO2000/056178)  
[30] NL (1011618) 1999-03-19

[21] **2,366,676**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **BIOPSY NEEDLE INSTRUMENT**  
[54] **INSTRUMENT DE BIOPSIE A L'AIGUILLE**  
[72] HAMANN, DAVID L., US  
[72] KELLY, LAWRENCE J., US  
[72] KAPLAN, LEOPOLD S., US  
[71] FNA CONCEPTS, LLC., US  
[85] 2001-09-21  
[86] 2000-03-21 (PCT/US2000/007435)  
[87] 2000-09-28 (WO2000/056208)  
[30] US (60/125,730) 1999-03-23  
[30] US (09/527,328) 2000-03-17

[21] **2,366,687**  
[13] A1

[51] **Int.Cl. 7G01F 11/26**  
[25] EN  
[54] **DISPENSER WITH METERING DEVICE**  
[54] **DISTRIBUTEUR MUNI D'UN DOSEUR**  
[72] COE, CRAIG M., US  
[71] THE GILLETTE COMPANY, US  
[85] 2001-09-21  
[86] 2000-03-14 (PCT/US2000/006671)  
[87] 2000-09-28 (WO2000/057142)  
[30] US (09/274,896) 1999-03-23

[21] **2,366,691**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C07K 14/00 7C07K 16/00 7C12N 15/00 7G01N 33/53 7C12N 15/63 7C12Q 1/68 7C12N 15/85 7C12N 15/86**  
[25] EN  
[54] **48 HUMAN SECRETED PROTEINS**  
[54] **48 PROTEINES HUMAINES SECRETEES**  
[72] ROSEN, GRAIG A., US  
[72] RUBEN, STEVEN M., US  
[72] KOMATSOULIS, GEORGE, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-09-18  
[86] 2000-03-16 (PCT/US2000/006792)  
[87] 2000-09-28 (WO2000/056754)  
[30] US (60/125,362) 1999-03-19  
[30] US (60/169,980) 1999-12-10

[21] **2,366,700**  
[13] A1

[51] **Int.Cl. 7G01F 1/84**  
[25] EN  
[54] **CORIOLIS FLOWMETER WITH REDUCED DIMENSIONS**  
[54] **DEBIMETRE-MASSE A EFFET CORIOLIS DE DIMENSIONS REDUITES**  
[72] MCCARTHY, JOHN RICHARD, US  
[72] JOHNSTON, STEVEN JAMES, US  
[72] CRISFIELD, MATTHEW T., US  
[71] MICRO MOTION, INC., US  
[85] 2001-09-18  
[86] 2000-03-15 (PCT/US2000/006748)  
[87] 2000-09-28 (WO2000/057141)  
[30] US (09/272,150) 1999-03-19

[21] **2,366,711**  
[13] A1

[51] **Int.Cl. 7G01C 15/00 7G01S 5/16**  
[25] EN  
[54] **METHOD FOR ESTABLISHING A COORDINATE SYSTEM**  
[54] **PROCEDE DE MISE EN OEUVRE D'UN SYSTEME DE COORDONNEES**  
[72] WAID, FREY, US  
[72] DORNBURSCH, ANDREW, US  
[72] HEDGES, THOMAS M., US  
[72] CASTEEL, SCOTT C., US  
[72] SOBEL, MICHAEL J., US  
[72] PENDLETON, EDMUND S., US  
[72] GAFF, DOUG, US  
[71] ARC SECOND, INC., US  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/US2000/007445)  
[87] 2000-09-28 (WO2000/057131)  
[30] US (60/125,545) 1999-03-22  
[30] US (PCT/US99/23615) 1999-10-13  
[30] US (09/532,099) 2000-03-21

## Demandes PCT entrant en phase nationale

[21] **2,366,720**  
[13] A1

[51] **Int.Cl. 7G01C 15/00 7G01S 5/16**  
[25] EN  
[54] **METHOD FOR CREATING A USER-SELECTABLE COORDINATE FRAME**  
[54] **PROCEDE DE CREATION D'UNE TRAME DE COORDONNEES SELECTIONNABLE PAR L'UTILISATEUR**  
[72] SKOLNICK, JEFFREY F., US  
[72] HEDGES, THOMAS M., US  
[72] BELIVEAU, SEAN M., US  
[72] BARRIENTOS, EDWARD R., US  
[72] LUNDBERG, ERIC J., US  
[72] PENDLETON, EDMUND S., US  
[72] WELLS, ROGER, US  
[71] ARC SECOND, INC., US  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/US2000/007446)  
[87] 2000-09-28 (WO2000/057132)  
[30] US (60/125,545) 1999-03-22  
[30] US (PCT/US99/23615) 1999-10-13  
[30] US (09/532,026) 2000-03-21

[21] **2,366,730**  
[13] A1

[51] **Int.Cl. 7G01C 15/00 7G01S 5/16**  
[25] EN  
[54] **CALIBRATION OF OPTICAL TRANSMITTER FOR POSITION MEASUREMENT SYSTEMS**  
[54] **ETALONNAGE D'EMETTEUR OPTIQUE DESTINE A DES SYSTEMES DE MESURE DE POSITION**  
[72] HEDGES, THOMAS M., US  
[72] CASTEEL, SCOTT, US  
[72] CUFF, THOMAS, US  
[72] TODD, DONALD, US  
[72] PRATT, TIMOTHY, US  
[72] SLATER, RICK, US  
[71] ARC SECOND, INC., US  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/US2000/007504)  
[87] 2000-09-28 (WO2000/057133)  
[30] US (60/125,545) 1999-03-22  
[30] US (PCT/US99/23615) 1999-10-13  
[30] US (09/532,100) 2000-03-21

[21] **2,366,735**  
[13] A1

[51] **Int.Cl. 7G01N 31/00 7G01N 33/03 7G01N 33/26**  
[25] EN  
[54] **METHODS FOR OPTIMAL USAGE AND IMPROVED VALUATION OF CORROSIVE PETROLEUM FEEDSTOCKS AND FRACTIONS**  
[54] **PROCEDES D'UTILISATION OPTIMALE ET ESTIMATION AMELIOREE DE CHARGES ET DE FRACTIONS CORROSIVES DE PETROLE**  
[72] CHIMENTI, ROBERT JOHN LOUIS, US  
[72] HALPERN, GERALD MARTIN, US  
[72] IANNUCCI, MAUREEN, US  
[72] KALAMARAS, PATRICIA H., US  
[72] ANDERSON, MICHAEL PAUL, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-09-18  
[86] 2000-03-21 (PCT/US2000/007548)  
[87] 2000-09-28 (WO2000/057175)  
[30] US (09/274,744) 1999-03-23

[21] **2,366,742**  
[13] A1

[51] **Int.Cl. 7H05B 3/34**  
[25] EN  
[54] **FOOD TRANSPORT CONTAINER WITH INTEGRAL HEATER**  
[54] **RECIPIENT POUR TRANSPORT D'ALIMENTS A RECHAUFFEUR INTEGRE**  
[72] REMKE, MATTHEW S., US  
[72] DAHLKE-BAUMAN, JEANNE L., US  
[71] ATD CORPORATION, US  
[85] 2001-08-24  
[86] 2000-02-25 (PCT/US2000/004848)  
[87] 2000-08-31 (WO2000/050307)  
[30] US (60/122,146) 1999-02-26

[21] **2,366,761**  
[13] A1

[51] **Int.Cl. 7A23D 7/00 7A23G 9/02**  
[25] EN  
[54] **SOFT COATING FOR ICE CONFECTIONERY**  
[54] **ENROBAGE MOELLEUX POUR CONFISERIE GLACEE**  
[72] WANG, JUNKUAN, CH  
[72] LEAS, ALAIN, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-09-20  
[86] 2000-02-21 (PCT/EP2000/001352)  
[87] 2000-10-12 (WO2000/059313)  
[30] US (09/282,850) 1999-03-31

[21] **2,366,770**  
[13] A1

[51] **Int.Cl. 7G06F 1/16**  
[25] EN  
[54] **MULTIPURPOSE, FOLDING, PORTABLE COMPUTER KEYBOARD**  
[54] **CLAVIER POLYVALENT, PLIABLE ET PORTABLE POUR ORDINATEUR**  
[72] BATIO, JEFFREY, US  
[71] XENTEX TECHNOLOGIES, INC., US  
[85] 2001-09-18  
[86] 1999-03-18 (PCT/US1999/006053)  
[87] 2000-09-21 (WO2000/055704)

[21] **2,366,777**  
[13] A1

[51] **Int.Cl. 7A23P 1/08**  
[25] EN  
[54] **SPRAYING EQUIPMENT**  
[54] **MATERIEL DE PULVERISATION**  
[72] ANNONIER, CLAUDE, FR  
[72] NUFFER, SEBASTIEN, FR  
[72] MALLARACH CAPDEVILA, JUAN, ES  
[71] AVENTIS ANIMAL NUTRITION S.A., FR  
[85] 2001-09-19  
[86] 2000-03-30 (PCT/EP2000/002822)  
[87] 2000-10-12 (WO2000/059321)  
[30] FR (99/04143) 1999-04-02

[21] **2,366,791**  
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 9/58**  
[25] EN  
[54] **PHARMACEUTICAL DOSAGE FORM FOR PULSATILE DELIVERY OF D-THREO-METHYLPHENIDATE AND A SECOND CNS STIMULANT**  
[54] **FORME POSOLOGIQUE PHARMACEUTIQUE DESTINEE A L'ADMINISTRATION INTERMITTENTE DE D-THREO-METHYLPHENIDATE ET D'UN SECOND STIMULANT DU SYSTEME NERVEUX CENTRAL**  
[72] MIDHA, KAMAL K., BM  
[72] TEICHER, MARTIN, US  
[71] PHARMAQUEST LTD., BM  
[85] 2001-09-20  
[86] 2000-04-06 (PCT/US2000/009472)  
[87] 2000-10-12 (WO2000/059481)  
[30] US (60/127,984) 1999-04-06

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,366,809</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09D 5/02</b> [25] EN [54] <b>POWDER SLURRY COATING COMPOSITION</b> [54] <b>COMPOSITION DE REVETEMENT EN POUDRE MOUILLABLE POUR TRAITEMENT HUMIDE</b> [72] SACHARSKI, LAWRENCE, US [72] GESSNER, MICHAEL, US [71] BASF CORPORATION, US [85] 2001-09-18 [86] 2000-05-18 (PCT/US2000/013670) [87] 2000-11-23 (WO2000/069979) [30] US (09/314,404) 1999-05-19</p>	<p style="text-align: right;">[21] <b>2,366,842</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F01D 5/28</b> [25] EN [54] <b>TURBINE BLADE AND METHOD FOR PRODUCING A TURBINE BLADE</b> [54] <b>AUBE DE TURBINE ET SON PROCEDE DE PRODUCTION</b> [72] TACKE, MARKUS, DE [72] KANNEFASS, RALF, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-09-25 [86] 2000-03-09 (PCT/DE2000/000734) [87] 2000-09-14 (WO2000/053896) [30] DE (199 10 380.1) 1999-03-09</p>	<p style="text-align: right;">[21] <b>2,366,859</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/70</b> [25] EN [54] <b>METHOD FOR IMPROVING THE STABILITY OF STORED AND/OR USED LIGHT-SENSITIVE THERAPEUTIC SYSTEMS OR COMPONENTS THEREOF</b> [54] <b>PROCEDE D'AUGMENTATION DE LA STABILITE DE SYSTEMES THERAPEUTIQUES PHOTOSENSIBLES OU DE LEURS CONSTITUANTS, LORS DU STOCKAGE ET/OU DE L'UTILISATION DESDITS SYSTEMES</b> [72] BERTHOLD, ACHIM, DE [71] LTS LOHMANN THERAPIE-SYSTEME AG, DE [85] 2001-09-19 [86] 2000-03-08 (PCT/EP2000/001986) [87] 2000-09-28 (WO2000/056289) [30] DE (199 12 623.2) 1999-03-20</p>
<p style="text-align: right;">[21] <b>2,366,833</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 47/48</b> [25] EN [54] <b>HEMOGLOBIN-ANTIOXIDANT CONJUGATES</b> [54] <b>CONJUGUES HEMOGLOBINE-ANTIOXYDANTS</b> [72] ADAMSON, JAMES GORDON, CA [72] MCINTOSH, GREG ANGUS, CA [71] HEMOSOL INC., CA [85] 2001-09-17 [86] 2000-03-20 (PCT/CA2000/000299) [87] 2000-09-28 (WO2000/056367) [30] CA (2,266,174) 1999-03-18</p>	<p style="text-align: right;">[21] <b>2,366,845</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/00 7A61K 9/68</b> [25] EN [54] <b>COMPOSITION FOR MEDICATED CHEWING GUMS, PROCESS FOR MANUFACTURING THE SAME AND TABLETS SO OBTAINED</b> [54] <b>COMPOSITION POUR GOMMES A MACHER A USAGE MEDICAL, PROCEDE DE FABRICATION ET PRESENTATION SOUS FORME DE DRAGEES</b> [72] BADETTI, ROLANDO, IT [71] ATP AVANT-GARDE TECHNOLOGIES &amp; PRODUCT MARKETING &amp; LICENSING S.A., CH [85] 2001-09-20 [86] 1999-10-18 (PCT/EP1999/007917) [87] 2000-09-28 (WO2000/056281) [30] IT (MI99A000571) 1999-03-22 [30] US (09/387,538) 1999-08-31</p>	<p style="text-align: right;">[21] <b>2,366,863</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 43/10</b> [25] EN [54] <b>SELECTIVE ZONAL ISOLATION WITHIN A SLOTTED LINER</b> [54] <b>ISOLEMENT SELECTIF DE ZONE DANS UNE COLONNE PERDUE A FENTES</b> [72] NAZZAL, GREGORY RICHARD, US [72] FRANK, TIMOTHY JOHN, US [72] COON, ROBERT JOE, US [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 2001-08-23 [86] 2000-02-24 (PCT/US2000/004683) [87] 2000-08-31 (WO2000/050732) [30] US (60/121,452) 1999-02-24</p>
<p style="text-align: right;">[21] <b>2,366,836</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 7/12 6C09J 7/04</b> [25] EN [54] <b>PRESSURE-SENSITIVE PAPER-PLASTIC FILM LAMINATE TAPE</b> [54] <b>RUBAN AUTO-ADHESIF CONSTITUE D'UN STRATIFIE PAPIER/FILM PLASTIQUE</b> [72] BLOCH, GERALD, US [72] FINESTONE, ARNOLD B., US [72] BLOCH, GILBERT, US [71] BLOCH, GERALD, US [71] FINESTONE, ARNOLD B., US [71] BLOCH, GILBERT, US [85] 2001-08-21 [86] 1999-08-12 (PCT/US1999/018244) [87] 2000-08-31 (WO2000/050234) [30] US (09/258,766) 1999-02-26</p>	<p style="text-align: right;">[21] <b>2,366,853</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63H 33/08</b> [25] EN [54] <b>DIAGONAL TOY PIECES AND THEIR CONNECTION</b> [54] <b>PIECES DE JEU A BORD OBLIQUE ET LEUR LIAISON</b> [72] CYRUS, PETER, US [71] PARVIA CORPORATION, US [85] 2001-08-21 [86] 1999-12-22 (PCT/US1999/030773) [87] 2000-08-31 (WO2000/050141) [30] US (09/259,035) 1999-02-26</p>	

## Demandes PCT entrant en phase nationale

[21] **2,366,865**  
[13] A1  
[51] **Int.Cl. 7A61K 31/44 7A61P 25/02**  
[25] EN  
[54] **FLUPIRTINE IN THE TREATMENT OF FIBROMYALGIA AND RELATED CONDITIONS**  
[54] **UTILISATION DE FLUPIRTINE POUR LE TRAITEMENT DE LA FIBROMYALGIE ET D'AFFECTIONS ASSOCIEES A LA FIBROMYALGIE**  
[72] STOLL, ANDREW L., US  
[71] MCLEAN HOSPITAL CORPORATION, US  
[85] 2001-09-21  
[86] 2000-04-05 (PCT/US2000/006446)  
[87] 2000-10-12 (WO2000/059487)  
[30] US (60/128,141) 1999-04-07  
[30] US (09/534,325) 2000-03-24

[21] **2,366,868**  
[13] A1  
[51] **Int.Cl. 7B24D 5/02 7B24D 18/00 7B24D 3/06 7B24D 5/06 7B24D 5/10 7B24D 5/16**  
[25] EN  
[54] **GRINDING WHEEL**  
[54] **MEULE**  
[72] PALMGREN, GARY M., US  
[72] PRESTON, JAY B., US  
[72] CESENA, ROBERT T., US  
[72] TSELESIN, NAUM N., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-08-23  
[86] 2000-02-22 (PCT/US2000/004675)  
[87] 2000-08-31 (WO2000/050202)  
[30] US (09/256,837) 1999-02-24

[21] **2,366,869**  
[13] A1  
[51] **Int.Cl. 7A61K 47/26 7A61K 39/02 7A61P 31/04 7A61K 39/09 7A61K 39/095 7A61K 39/102 7A61K 39/385**  
[25] EN  
[54] **USE OF TREHALOSE FOR STABILISING A LIQUID VACCINE**  
[54] **UTILISATION DE TREHALOSE POUR STABILISER UN VACCIN LIQUIDE**  
[72] LENTSCH GRAF, SANDRINE, FR  
[72] CARTIER, JEAN-RENE, FR  
[71] AVENTIS PASTEUR, FR  
[85] 2001-09-20  
[86] 2000-03-23 (PCT/FR2000/000730)  
[87] 2000-09-28 (WO2000/056365)  
[30] FR (99/03765) 1999-03-23

[21] **2,366,877**  
[13] A1  
[51] **Int.Cl. 7A61K 31/695 7A61K 31/12**  
[25] EN  
[54] **CHEMICAL COMPOUNDS AND THEIR USES**  
[54] **COMPOSES CHIMIQUES ET LEURS APPLICATIONS**  
[72] ROBERTS, STANLEY MICHAEL, GB  
[72] SANTORO, MARIA GABRIELLA, IT  
[72] GUYOT, THIERRY, GB  
[71] CHARTERHOUSE THERAPEUTICS LTD., GB  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/GB2000/001086)  
[87] 2000-09-28 (WO2000/056341)  
[30] GB (9906587.2) 1999-03-22  
[30] US (60/126,968) 1999-03-30

[21] **2,366,895**  
[13] A1  
[51] **Int.Cl. 7A61K 31/7088 7A61K 38/00 7A61P 37/02 7A61K 38/20 7A61K 39/395**  
[25] EN  
[54] **IMMUNOMODULATING POLYMERS**  
[54] **POLYMERES IMMUNOREGULATEURS**  
[72] ONDERDONK, ANDREW B., US  
[72] WANG, YING, US  
[72] TZIANABOS, ARTHUR O., US  
[72] KASPER, DENNIS L., US  
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US  
[85] 2001-09-20  
[86] 2000-03-31 (PCT/US2000/008586)  
[87] 2000-10-12 (WO2000/059515)  
[30] US (60/127,584) 1999-04-02  
[30] US (60/162,457) 1999-10-29

[21] **2,366,899**  
[13] A1  
[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **ORAL COMBINATIONS OF HYDROXOCOBALAMIN AND FOLIC ACID**  
[54] **PREPARATIONS ADMINISTRABLES PAR VOIE ORALE ASSOCIANT L'HYDROXOCOBALAMINE A L'ACIDE FOLIQUE**  
[72] HORROBIN, DAVID FREDERICK, GB  
[72] GOUAILLE, CHRISTINA, SE  
[71] KILGOWAN LIMITED, GB  
[85] 2001-09-21  
[86] 2000-03-23 (PCT/GB2000/001093)  
[87] 2000-09-28 (WO2000/056295)  
[30] GB (9906740.7) 1999-03-23

[21] **2,366,908**  
[13] A1  
[51] **Int.Cl. 7A61K 39/39 7A61K 39/02 7A61P 31/04 7A61K 9/16 7A61K 9/51**  
[25] EN  
[54] **VACCINE COMPOSITION**  
[54] **COMPOSITION VACCINALE**  
[72] ALPAR, HAZIRE OYA, GB  
[72] WILLIAMSON, ETHEL DIANE, GB  
[72] SOMAVARAPU, SATYANARAYANA, GB  
[72] BAILLIE, LESLIE WILLIAM JAMES, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2001-09-20  
[86] 2000-03-23 (PCT/GB2000/001104)  
[87] 2000-09-28 (WO2000/056361)  
[30] GB (9906694.6) 1999-03-24  
[30] GB (9906696.1) 1999-03-24

[21] **2,366,911**  
[13] A1  
[51] **Int.Cl. 7A61K 31/40 7A61P 15/08**  
[25] EN  
[54] **COMPOSITIONS FOR IMPROVING FERTILITY**  
[54] **COMPOSITIONS FAVORISANT LA FECUNDITE**  
[72] BROQUA, PIERRE, FR  
[71] FERRING B.V., NL  
[85] 2001-09-21  
[86] 2000-03-21 (PCT/IB2000/000382)  
[87] 2000-09-28 (WO2000/056296)  
[30] GB (9906714.2) 1999-03-23

[21] **2,366,926**  
[13] A1  
[51] **Int.Cl. 7A61K 31/40 7A61P 5/00**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING DIPEPTIDY PEPTIDASE IV INHIBITORS FOR THE PROMOTION OF GROWTH**  
[54] **COMPOSITIONS FAVORISANT LA CROISSANCE**  
[72] BROQUA, PIERRE, FR  
[71] FERRING B.V., NL  
[85] 2001-09-21  
[86] 2000-03-21 (PCT/IB2000/000393)  
[87] 2000-09-28 (WO2000/056297)  
[30] GB (9906715.9) 1999-03-23

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,366,928</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 67/00 7B01D 61/14 7B01D 71/56</b> [25] EN [54] <b>POSITIVELY CHARGED MEMBRANE</b> [54] <b>MEMBRANE POSITIVEMENT CHARGEE</b> [72] KONSTANTIN, PETER, DE [72] YANG, YUJING, US [72] DHARIA, JAYESH, US [72] WU, XIAOSONG, US [72] HOU, CHUNG-JEN, US [71] PALL CORPORATION, US [85] 2001-08-22 [86] 2000-02-25 (PCT/US2000/004786) [87] 2000-08-31 (WO2000/050161) [30] US (60/121,670) 1999-02-25 [30] US (60/121,669) 1999-02-25</p>	<p style="text-align: right;">[21] <b>2,366,947</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 15/00</b> [25] EN [54] <b>SLOW SPRAY METERED DOSE INHALER</b> [54] <b>INHALATEUR DOSEUR A PULVERISATION LENTE</b> [72] VELASQUEZ, DAVID J., US [72] GABRIO, BRIAN J., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-08-23 [86] 2000-02-24 (PCT/US2000/004984) [87] 2000-08-31 (WO2000/050112) [30] US (60/121,878) 1999-02-26</p>	<p style="text-align: right;">[21] <b>2,366,967</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23D 15/00 7B24B 33/00 7B26D 11/00 7B24B 3/54</b> [25] EN [54] <b>SHARPENER SHEATH</b> [54] <b>GAINÉ D'AIGUISSOIR</b> [72] MAY, DAVID, US [72] NOWACK, TIMOTHY, US [72] HUANG, DAYING, US [72] SUBSITS, DIANE, US [71] THE PAMPERED CHEF, LTD., US [85] 2001-08-23 [86] 2000-02-22 (PCT/US2000/040071) [87] 2000-08-31 (WO2000/050193) [30] US (09/258,535) 1999-02-26</p>
<p style="text-align: right;">[21] <b>2,366,931</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 27/00</b> [25] EN [54] <b>MUSCLE TISSUE ENGINEERING</b> [54] <b>GENIE TISSULAIRE MUSCULAIRE</b> [72] RIESLE, JENS UWE, NL [72] LANGER, ROBERT, US [72] PAPADAKI, MARIA, US [72] VAN BLITTERSWIJK, CLEMENS ANTONI, NL [71] ISOTIS N.V., NL [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 2001-09-18 [86] 2000-03-17 (PCT/NL2000/000180) [87] 2000-09-28 (WO2000/056374) [30] EP (99200865.6) 1999-03-19</p>	<p style="text-align: right;">[21] <b>2,366,953</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05D 7/24 7C23C 14/00</b> [25] EN [54] <b>RELEASE LAYER, METHOD FOR PRODUCING THE SAME AND ITS USE</b> [54] <b>COUCHE DE SEPARATION, PROCEDE DE FABRICATION ET D'UTILISATION DE LADITE COUCHE</b> [72] MOOSHEIMER, ULRICH, DE [71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE [85] 2001-09-24 [86] 2000-03-21 (PCT/EP2000/002472) [87] 2000-10-26 (WO2000/062943) [30] DE (199 17 075.4) 1999-04-15 [30] DE (199 33 230.4) 1999-07-15</p>	<p style="text-align: right;">[21] <b>2,366,996</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/195 7A61K 33/04 7A61K 31/22 7A61K 31/235 7A61K 33/30 7A61K 31/315 7A61K 31/34</b> [25] EN [54] <b>ASCORBIC ACID COMPOSITION AND METHOD FOR TREATMENT OF AGING OR DAMAGED SKIN</b> [54] <b>COMPOSITION D'ACIDE ASCORBIQUE POUR TRAITEMENT DU VIEILLISSEMENT DE LA PEAU OU DE LESIONS CUTANEEES</b> [72] MEISNER, LORRAINE F., US [71] BIODERM, INC., US [85] 2001-09-18 [86] 2000-03-16 (PCT/US2000/006886) [87] 2000-09-28 (WO2000/056327) [30] US (60/125,356) 1999-03-19 [30] US (09/356,142) 1999-07-19</p>
<p style="text-align: right;">[21] <b>2,366,938</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 51/00 7A61M 36/14</b> [25] EN [54] <b>RADIOACTIVE CISPLATIN IN THE TREATMENT OF CANCER</b> [54] <b>CISPLATINE RADIOACTIVE UTILISEE DANS LE TRAITEMENT DU CANCER</b> [72] ORDER, STANLEY E., US [71] ISOTOPE SOLUTIONS, INC., US [85] 2001-09-18 [86] 2000-03-14 (PCT/US2000/006546) [87] 2000-09-28 (WO2000/056369) [30] US (09/272,549) 1999-03-19</p>	<p style="text-align: right;">[21] <b>2,366,958</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 83/14</b> [25] EN [54] <b>VALVE</b> [54] <b>VALVE</b> [72] GODFREY, JAMES WILLIAM, GB [72] HAILEY, MARK ANDREW, GB [72] RUSSELL, DAVID JOSEPH, GB [72] ANDERSON, GREGOR JOHN MCLENNAN, GB [71] GLAXO GROUP LIMITED, GB [85] 2001-09-20 [86] 2000-02-23 (PCT/EP2000/001444) [87] 2000-09-28 (WO2000/056632) [30] GB (9906640.9) 1999-03-24</p>	

## Demandes PCT entrant en phase nationale

[21] **2,366,999**  
[13] A1

[51] **Int.Cl. 7G01D 11/24 7G01D 21/00 7B65D 85/38**  
[25] EN  
[54] **INTEGRATED SENSOR PACKAGING AND MULTI-AXIS SENSOR ASSEMBLY PACKAGING**  
[54] **ENSEMBLE ET ENCAPSULATION DE DETECTEUR INTEGRE ET A AXE MULTIPLE**  
[72] DOMAGALSKI, KLAUS, US  
[72] BUIE, THOMAS, US  
[72] SELVAKUMAR, ARJUN, US  
[72] LEMKE, AL, US  
[72] IP, MATTHEW, US  
[72] GOLDBERG, HOWARD D., US  
[72] RINNE, RAY, US  
[72] RUSHEFSKY, LARRY, US  
[72] STALNAKER, W. MARC, US  
[72] BALDERUS, JAMES, US  
[72] LAROO, RICHARD, NL  
[72] BEHN, LAWRENCE P., US  
[72] SIGMAR, AXEL, US  
[72] YU, DULI, US  
[72] YU, LIANZHONG, US  
[72] FABER, KEES, NL  
[72] ALTMAN, SJOERD, NL  
[72] MARSH, JAMES L., US  
[72] MAXWELL, PETER, US  
[72] MORGAN, DAVID, US  
[71] INPUT/OUTPUT, INC., US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007310)  
[87] 2000-09-21 (WO2000/055577)  
[30] US (60/125,076) 1999-03-17

[21] **2,367,002**  
[13] A1

[51] **Int.Cl. 7A61K 31/195 7A61K 31/519**  
[25] EN  
[54] **INCREASING CEREBRAL BIOAVAILABILITY OF DRUGS**  
[54] **RENFORCEMENT DE LA BIODISPONIBILITE DES MEDICAMENTS DANS LE CERVEAU**  
[72] OMSTEAD, MARY NALLIN, US  
[72] MOSKOWITZ, MICHAEL A., US  
[72] LIAO, JAMES K., US  
[72] RON, EYAL S., US  
[71] ENOS PHARMACEUTICALS, INC., US  
[85] 2001-09-19  
[86] 2000-03-20 (PCT/US2000/007089)  
[87] 2000-09-28 (WO2000/056328)  
[30] US (60/139,484) 1999-03-19  
[30] US (60/138,578) 1999-06-11  
[30] US (60/155,485) 1999-09-23

[21] **2,367,009**  
[13] A1

[51] **Int.Cl. 7E21B 7/06 7E21B 29/06**  
[25] EN  
[54] **WHIPSTOCK CASING MILLING SYSTEM**  
[54] **SYSTEME DE FRAISAGE DE TUBAGE A SIFFLET DEVIATEUR**  
[72] DEWEY, CHARLES HENRY, US  
[72] MCGARIAN, BRUCE, GB  
[71] SMITH INTERNATIONAL, INC., US  
[85] 2001-09-24  
[86] 2000-03-24 (PCT/GB2000/001162)  
[87] 2000-10-05 (WO2000/058594)  
[30] GB (9907116.9) 1999-03-26

[21] **2,367,014**  
[13] A1

[51] **Int.Cl. 7G06F 1/00 7G11B 20/00**  
[25] FR  
[54] **SUPPORT PORTATIF SECURISE DE DONNEES NUMERIQUES, ET PROCEDE DE SECURISATION UTILISANT UN TEL SUPPORT DE DONNEES**  
[54] **SECURE PORTABLE DIGITAL DATA HANDLING MEDIUM, AND SECURITY METHOD USING SUCH A DATA HANDLING MEDIUM**  
[72] MILGRAM, MAURICE, FR  
[71] DIXET, FR  
[85] 2001-09-18  
[86] 2000-03-16 (PCT/FR2000/000638)  
[87] 2000-09-28 (WO2000/057261)  
[30] FR (99/03448) 1999-03-19

[21] **2,367,015**  
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61K 31/185**  
[25] EN  
[54] **TREATMENT OF POSTTRAUMATIC STRESS DISORDER, OBSESSIVE-COMPULSIVE DISORDER AND RELATED NEUROPSYCHIATRIC DISORDERS**  
[54] **TRAITEMENT DE L'ETAT DE STRESS POST-TRAUMATIQUE, DE TROUBLES OBSESSIFS COMPULSIFS ET DE TROUBLES NEUROPSYCHIATRIQUES ASSOCIES**  
[72] FOGEL, BARRY S., US  
[71] SYNCHRONEURON, LLC, US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007119)  
[87] 2000-09-28 (WO2000/056301)  
[30] US (09/273,036) 1999-03-19

[21] **2,367,017**  
[13] A1

[51] **Int.Cl. 7A61K 31/421 7C07D 307/20 7A61K 31/277 7C07D 263/32 7C07C 275/34 7A61K 31/341**  
[25] EN  
[54] **INHIBITORS OF IMPDH ENZYME**  
[54] **INHIBITEURS DE L'ENZYME IMPDH**  
[72] BETHIEL, SCOTT, US  
[72] STAMOS, DEAN, US  
[72] SAUNDERS, JEFFREY, US  
[72] TRUDEAU, MARTIN, US  
[72] BADIA, MICHAEL, US  
[71] VERTEX PHARMACEUTICALS INCORPORATED, US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007129)  
[87] 2000-09-28 (WO2000/056331)  
[30] US (60/125,507) 1999-03-19  
[30] US (60/174,882) 2000-01-07

[21] **2,367,018**  
[13] A1

[51] **Int.Cl. 7G01V 1/36 7G01V 1/00**  
[25] EN  
[54] **SEISMIC DATA PROCESSING METHOD FOR DATA ACQUIRED USING OVERLAPPING VIBRATORY SWEEPS**  
[54] **PROCEDE D'APPLICATION D'UN TRAITEMENT SISMIQUE DE DONNEES, SUR DES DONNEES ACQUISES PAR BALAYAGES VIBRATOIRES SE CHEVAUCHANT**  
[72] JEFFRYES, BENJAMIN PETER, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2001-09-18  
[86] 2000-03-15 (PCT/GB2000/000952)  
[87] 2000-09-28 (WO2000/057208)  
[30] GB (9906248.1) 1999-03-19

## PCT Applications Entering the National Phase

---

[21] **2,367,022**  
[13] A1

[51] **Int.Cl. 7A61K 31/135**  
[25] EN  
[54] **METHOD OF TREATING SLEEP APNOEA**  
[54] **TRAITEMENT DE L'APNEE DU SOMMEIL**  
[72] HEAL, DAVID JOHN, GB  
[72] WEINSTEIN, STEVE P., US  
[72] SEATON, TIMOTHY B., US  
[72] MENDEL, CARL M., US  
[72] CHEETHAM, SHARON CRAWFORD, GB  
[72] SAFER, ANTON, DE  
[71] KNOLL PHARMACEUTICAL COMPANY, US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007177)  
[87] 2000-09-28 (WO2000/056314)  
[30] US (60/125,185) 1999-03-19

---

[21] **2,367,025**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61P 11/06 7A61P 37/06 7A61P 37/08 7C07K 16/28**  
[25] EN  
[54] **TREATMENT OF LFA-1 ASSOCIATED DISORDERS WITH INCREASING DOSES OF LFA-1 ANTAGONIST**  
[54] **TRAITEMENT DE TROUBLES ASSOCIES AU LFA-1 PAR AUGMENTATION DES DOSES D'ANTAGONISTE DE LFA-1**  
[72] GARAVOY, MARVIN R., US  
[72] STARKO, KAREN, US  
[72] DEDRICK, RUSSELL L., US  
[72] KRAMER, SUSAN M., US  
[71] GENENTECH, INC., US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007189)  
[87] 2000-09-28 (WO2000/056363)  
[30] US (60/125,228) 1999-03-19  
[30] US (60/125,351) 1999-03-19  
[30] US (09/273,043) 1999-03-19

---

---

[21] **2,367,038**  
[13] A1

[51] **Int.Cl. 7G02B 6/12**  
[25] EN  
[54] **OPTOELECTRONIC AND PHOTONIC DEVICES**  
[54] **DISPOSITIFS OPTOELECTRONIQUES ET PHOTONIQUES**  
[72] DEACON, DAVID A. G., US  
[72] KOWALCZYK, TONY C., US  
[72] LEE, YEONG-CHENG, US  
[72] LACKRITZ, HILARY S., US  
[71] GEMFIRE CORPORATION, US  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/US2000/007630)  
[87] 2000-09-28 (WO2000/057221)  
[30] US (09/274,271) 1999-03-22

---

[21] **2,367,045**  
[13] A1

[51] **Int.Cl. 7A61K 31/135**  
[25] EN  
[54] **TREATMENT OF CERTAIN CANCERS ASSOCIATED WITH WEIGHT GAIN**  
[54] **TRAITEMENT DE CERTAINS CANCERS ASSOCIES A UN GAIN DE POIDS**  
[72] WEINSTEIN, STEVE P., US  
[72] SEATON, TIMOTHY B., US  
[72] MENDEL, CARL M., US  
[71] KNOLL PHARMACEUTICAL COMPANY, US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007361)  
[87] 2000-09-28 (WO2000/056323)  
[30] US (60/125,250) 1999-03-19

---

[21] **2,367,047**  
[13] A1

[51] **Int.Cl. 7G02B 6/13**  
[25] EN  
[54] **OPTICAL PLANAR WAVEGUIDE DEVICE AND METHOD OF FABRICATION**  
[54] **DISPOSITIF A GUIDE D'ONDES OPTIQUES PLAN ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] SCEATS, MARK, AU  
[72] BAZYLENKO, MICHAEL, AU  
[71] THE UNIVERSITY OF SYDNEY, AU  
[85] 2001-09-18  
[86] 2000-03-20 (PCT/AU2000/000220)  
[87] 2000-09-28 (WO2000/057223)  
[30] AU (PP 9307) 1999-03-18

---

---

[21] **2,367,048**  
[13] A1

[51] **Int.Cl. 7A61K 38/00 7A61K 38/05 7A61K 38/06 7A61K 38/07**  
[25] EN  
[54] **TREATMENT WITH SMALL PEPTIDES TO EFFECT ANTIFIBROTIC ACTIVITY**  
[54] **TRAITEMENT A BASE DE PETITES PEPTIDES INDUISANT UNE ACTIVITE ANTI-FIBROSE**  
[72] CLAGETT, JAMES, US  
[71] HISTATEK, LLC, US  
[85] 2001-09-18  
[86] 2000-03-20 (PCT/US2000/007411)  
[87] 2000-09-28 (WO2000/056349)  
[30] US (60/125,514) 1999-03-22

---

[21] **2,367,050**  
[13] A1

[51] **Int.Cl. 7C03C 25/60 7C03B 37/01 7C03B 37/10 7G02B 6/16 7G02B 5/18 7G02B 5/26**  
[25] EN  
[54] **OPTICAL SYSTEMS AND APPARATUSES INCLUDING BRAGG GRATINGS AND METHODS OF MAKING**  
[54] **SYSTEMES ET APPAREILS OPTIQUES COMPRENANT DES RESEAUX DE BRAGG, ET LEURS PROCEDES DE PRODUCTION**  
[72] CULLEN, THOMAS J., US  
[72] HAMMON, TIMOTHY E., US  
[72] STOCKHAUSEN, JOHN M., US  
[71] ACME GRATING VENTURES, LLC, US  
[85] 2001-09-19  
[86] 2000-03-24 (PCT/US2000/007838)  
[87] 2000-09-28 (WO2000/057225)  
[30] US (09/276,015) 1999-03-25

---

[21] **2,367,054**  
[13] A1

[51] **Int.Cl. 7G05B 19/42 7G06F 19/00**  
[25] EN  
[54] **METHOD FOR CONTROLLING PIVOTING MACHINE MEMBER**  
[54] **PROCEDE DE COMMANDE DU PIVOTEMENT D'ELEMENTS D'UNE MACHINE**  
[72] ALVERSON, STEVEN E., US  
[72] STONE, KIRBY L., US  
[71] UNOVA I.P. CORP., US  
[85] 2001-09-18  
[86] 2000-03-22 (PCT/US2000/007919)  
[87] 2000-09-28 (WO2000/057255)  
[30] US (60/125,442) 1999-03-22

---

## Demandes PCT entrant en phase nationale

---

[21] **2,367,056**  
[13] A1  
[51] **Int.Cl. 6F02G 1/043 6F01C 11/00**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO ROTARY PISTON MACHINES**  
[54] **AMELIORATIONS PORTANT SUR DES MACHINES A PISTON ROTATIF**  
[72] WESLAKE-HILL, IAN, GB  
[71] CERES IPR LIMITED, GB  
[85] 2001-09-06  
[86] 1999-04-26 (PCT/GB1999/001290)  
[87] 1999-11-04 (WO1999/056013)  
[30] GB (9808780.2) 1998-04-25

---

[21] **2,367,058**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00 7G06F 17/60**  
[25] EN  
[54] **MULTI-ASSET PARTICIPATION STRUCTURED NOTE AND SWAP COMBINATION**  
[54] **COMBINAISON NOTE STRUCTUREE ET SWAP POUR PARTICIPATION A ACTIFS MULTIPLES**  
[72] SPERANDEO, VICTOR A., US  
[71] SPERANDEO, VICTOR A., US  
[85] 2001-09-20  
[86] 2000-03-24 (PCT/US2000/008166)  
[87] 2000-09-28 (WO2000/057260)  
[30] US (09/275,758) 1999-03-25

---

[21] **2,367,061**  
[13] A1  
[51] **Int.Cl. 6G06F 5/00**  
[25] EN  
[54] **GENERATING OPTIMIZED COMPUTER DATA FIELD CONVERSION ROUTINES**  
[54] **GENERATION DE ROUTINES DE CONVERSION OPTIMISEES POUR CHAMPS DE DONNEES INFORMATIQUES**  
[72] PINTAR, KEVIN M., US  
[72] BOLEN, DONALD L., US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007288)  
[87] 2000-09-28 (WO2000/057268)  
[30] US (09/273,149) 1999-03-19

---

[21] **2,367,069**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **AUCTION MARKET WITH PRICE IMPROVEMENT MECHANISM**  
[54] **MARCHE AUX ENCHERES AVEC MECANISMES D'AMELIORATION DES PRIX**  
[72] MADOFF, PETER B., US  
[72] CASANOVA, ALBERTO C., US  
[72] KEITH, CHRISTOPHER, US  
[71] PRIMEX HOLDINGS LLC, US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007157)  
[87] 2000-09-28 (WO2000/057307)  
[30] US (09/272,542) 1999-03-19

---

[21] **2,367,083**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **A METHOD FOR COMPUTER CONTROLLED DISTRIBUTION OF INFORMATION OVER A NUMBER OF DIFFERENT COMMUNICATION SYSTEMS AND A SYSTEM FOR THE ACCOMPLISHMENT OF THE METHOD**  
[54] **PROCEDE DE DIFFUSION DE DONNEES COMMANDEE PAR ORDINATEUR PAR L'INTERMEDIAIRE DE PLUSIEURS SYSTEMES DE COMMUNICATION DIFFERENTS AUX FINS D'EXECUTION D'UNE METHODE**  
[72] PRYTZ, SVEN, SE  
[71] WEBGIRO AB, SE  
[85] 2001-09-21  
[86] 2000-03-23 (PCT/SE2000/000565)  
[87] 2000-09-28 (WO2000/057322)  
[30] SE (9901069-6) 1999-03-24

---

[21] **2,367,086**  
[13] A1  
[51] **Int.Cl. 7G06T 5/00**  
[25] EN  
[54] **A METHOD FOR IDENTIFYING CLOSED AREAS AND DEFINING MASKS IN A DIGITAL IMAGE**  
[54] **PROCEDE D'IDENTIFICATION D'ESPACES FERMES ET DE DEFINITION DE MASQUES DANS UNE IMAGE NUMERISEE**  
[72] CASARINI, PAOLO, IT  
[72] FERRETTI, ILIC, IT  
[71] COROB INTERNATIONAL AG, CH  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/EP2000/002593)  
[87] 2000-09-28 (WO2000/057358)  
[30] IT (BO99A000137) 1999-03-24

---

[21] **2,367,090**  
[13] A1  
[51] **Int.Cl. 7E04B 1/38 7B25G 3/38**  
[25] EN  
[54] **STRUCTURAL SYSTEM OF TORSION/TOROIDAL ELEMENTS AND METHODS OF CONSTRUCTION THEREWITH**  
[54] **SYSTEME STRUCTUREL D'ELEMENTS DE TORSION/TOROIDAUX ET PROCEDES DE CONSTRUCTION AVEC CELUI-CI**  
[72] PROVITOLA, ANTHONY I., US  
[71] PROVITOLA, ANTHONY I., US  
[85] 2001-09-24  
[86] 2000-03-20 (PCT/US2000/007338)  
[87] 2000-10-05 (WO2000/058575)  
[30] US (09/276,665) 1999-03-26  
[30] US (09/276,666) 1999-03-26  
[30] US (09/307,985) 1999-05-10  
[30] US (09/314,267) 1999-05-18  
[30] US (09/314,516) 1999-05-19

## PCT Applications Entering the National Phase

---

[21] **2,367,092**  
[13] A1  
[51] **Int.Cl. 7A61K 31/573 7A61P 27/02 7A61K 9/22**  
[25] EN  
[54] **METHOD FOR TREATING AND/OR PREVENTING RETINAL DISEASES WITH SUSTAINED RELEASE CORTICOSTEROIDS**  
[54] **METHODE DE TRAITEMENT ET/OU DE PREVENTION DE MALADIES DE LA RETINE A L'AIDE DE CORTICOSTEROIDES A LIBERATION CONTROLEE**  
[72] GUO, HONG, US  
[72] ASHTON, PAUL, US  
[71] CONTROL DELIVERY SYSTEMS, US  
[85] 2001-09-18  
[86] 2000-03-22 (PCT/US2000/007513)  
[87] 2000-09-28 (WO2000/056340)  
[30] US (09/273,548) 1999-03-22

---

[21] **2,367,107**  
[13] A1  
[51] **Int.Cl. 7A61K 35/08 7A61P 17/00 7A61K 38/08**  
[25] EN  
[54] **METHODS FOR LIMITING SCAR AND ADHESION FORMATION**  
[54] **PROCEDE POUR LIMITER LA FORMATION DE CICATRICES ET D'ADHERENCES**  
[72] RODGERS, KATHLEEN, US  
[72] DIZEREGA, GERE, US  
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/US2000/007669)  
[87] 2000-09-28 (WO2000/056345)  
[30] US (60/125,707) 1999-03-23  
[30] US (60/139,541) 1999-06-16

---

[21] **2,367,110**  
[13] A1  
[51] **Int.Cl. 7G08B 13/14 7G06F 1/00 7H04L 12/28**  
[25] EN  
[54] **SECURITY SYSTEMS**  
[54] **SYSTEMES DE SECURITE**  
[72] REEDER, STEPHEN MICHAEL, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2001-09-18  
[86] 2000-03-15 (PCT/GB2000/000967)  
[87] 2000-09-28 (WO2000/057377)  
[30] EP (99302132.8) 1999-03-19

---

[21] **2,367,112**  
[13] A1  
[51] **Int.Cl. 7A61K 31/445 7A61K 31/16 7A61K 31/40**  
[25] EN  
[54] **METHODS FOR TREATING NEURODEGENERATIVE DISORDERS USING ASPARTYL PROTEASE INHIBITORS**  
[54] **TRAITEMENT DES MALADIES NEURODEGENERATIVES PAR DES INHIBITEURS DE L'ASPARTYL PROTEASE**  
[72] ELLMAN, JONATHAN A., US  
[72] LYNCH, GARY, US  
[72] SKILLMAN, A. GEOFFREY, US  
[72] BI, XIAONING, US  
[72] LEE, CHRISTINA E., US  
[72] HAQUE, TASIR, US  
[72] KUNTZ, IRWIN D., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-09-24  
[86] 2000-03-24 (PCT/US2000/007804)  
[87] 2000-09-28 (WO2000/056335)  
[30] US (60/125,958) 1999-03-24

---

[21] **2,367,118**  
[13] A1  
[51] **Int.Cl. 7A61K 38/34 7A61P 13/00 7A61P 15/00 7A61K 38/06 7A61K 38/08**  
[25] EN  
[54] **A URO-GENITAL CONDITION TREATMENT SYSTEM**  
[54] **SYSTEME POUR LE TRAITEMENT D'UNE PATHOLOGIE UROGENITALE**  
[72] CATANIA, ANNA, IT  
[72] LIPTON, JAMES, US  
[71] ZENGEN INC., US  
[85] 2001-09-21  
[86] 2000-03-23 (PCT/US2000/007846)  
[87] 2000-09-28 (WO2000/056353)  
[30] US (60/126,233) 1999-03-24

---

[21] **2,367,125**  
[13] A1  
[51] **Int.Cl. 7A61K 38/17 7C12N 5/10 7C07K 16/30 7C07K 14/47 7G01N 33/53 7G01N 33/574 7G01N 33/577 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PROSTATE**  
[54] **REACTIFS ET PROCEDES UTILES POUR DETECTER LES MALADIES DE LA PROSTATE**  
[72] STROUPE, STEPHEN D., US  
[72] BILLING-MEDEL, PATRICIA A., US  
[72] COHEN, MAURICE, US  
[72] COLPITTS, TRACEY L., US  
[72] RUSSELL, JOHN C., US  
[72] GRANADOS, EDWARD N., US  
[72] GORDON, JULIAN, US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-09-20  
[86] 2000-03-24 (PCT/US2000/007945)  
[87] 2000-09-28 (WO2000/056352)  
[30] US (09/276,600) 1999-03-25

---

[21] **2,367,132**  
[13] A1  
[51] **Int.Cl. 7A61K 35/14 7A61P 21/00 7A61P 19/02 7A61P 37/06 7A61P 3/10**  
[25] EN  
[54] **INDUCTION OF ANTIGEN-SPECIFIC UNRESPONSIVENESS BY GLOBLASTOMA CULTURE SUPERNATANTS (GCS)**  
[54] **INDUCTION DE LA FACULTE DE NON REPOSE SPECIFIQUE CONTRE L'ANTIGENE AU MOYEN DE SURNAGEANTS DE CULTURE DE GLOBLASTOME (SCG)**  
[72] CHOUGNET, CLAIRE, US  
[72] COLIGAN, JOHN E., US  
[72] SHEARER, GENE M., US  
[72] ZOU, JIAN-PING, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2001-09-11  
[86] 2000-03-23 (PCT/US2000/007959)  
[87] 2000-09-28 (WO2000/056356)  
[30] US (60/125,996) 1999-03-24

## Demandes PCT entrant en phase nationale

---

[21] **2,367,138**  
[13] A1  
[51] **Int.Cl. 7A61K 31/435 7A61P 29/00**  
[25] EN  
[54] **ANTI-INFLAMMATORY USES OF MANZAMINES**  
[54] **UTILISATION DE MANZAMINES EN TANT QU'ANTI-INFLAMMATOIRES**  
[72] SENNETT, SUSAN H., US  
[72] POMPONI, SHIRLEY A., US  
[72] GUNASEKERA, SARATH P., US  
[72] MAYER, ALEJANDRO M. S., US  
[71] HARBOR BRANCH OCEANOGRAPHIC INSTITUTION, INC., US  
[71] MIDWESTERN UNIVERSITY, US  
[85] 2001-09-21  
[86] 2000-03-24 (PCT/US2000/007974)  
[87] 2000-09-28 (WO2000/056304)  
[30] US (60/125,903) 1999-03-24  
[30] US (60/164,294) 1999-11-08

---

[21] **2,367,145**  
[13] A1  
[51] **Int.Cl. 7G09G 3/32**  
[25] EN  
[54] **FULLCOLOR LED DISPLAY SYSTEM**  
[54] **SYSTEME D'AFFICHAGE A DIODES ELECTROLUMINESCENTES TOUT EN COULEUR**  
[72] TOKIMOTO, TOYOTARO, JP  
[72] OHISHI, MASATOSHI, JP  
[71] AVIX INC., JP  
[85] 2001-09-21  
[86] 2000-03-24 (PCT/JP2000/001832)  
[87] 2000-09-28 (WO2000/057397)  
[30] JP (11/79663) 1999-03-24  
[30] JP (11/88234) 1999-03-30

---

[21] **2,367,149**  
[13] A1  
[51] **Int.Cl. 7A61K 31/43 7A61P 31/00 7A61P 33/00**  
[25] EN  
[54] **COMBINATION OF ANTIBIOTIC AND NUCLEIC ACID BINDING COMPOUND FOR BACTERIAL ANTIBIOTIC RESISTANCE**  
[54] **COMBINAISON D'ANTIBIOTIQUE ET DE COMPOSE DE FIXATION D'ACIDES NUCLEIQUES, DESTINEE A SURMONTER LA RESISTANCE DE BACTERIES AUX ANTIBIOTIQUES**  
[72] SHAPIRO, HOWARD M., US  
[71] HOWARD M. SHAPIRO, M.D., P.C., US  
[85] 2001-09-21  
[86] 2000-03-21 (PCT/US2000/007500)  
[87] 2000-09-28 (WO2000/056333)  
[30] US (09/274,699) 1999-03-23

---

[21] **2,367,154**  
[13] A1  
[51] **Int.Cl. 7C08F 4/52 7C08F 10/00 7C08F 297/06 7C08F 297/08**  
[25] EN  
[54] **METHOD FOR COPOLYMERIZATION AND RESULTING COPOLYMERS**  
[54] **PROCEDE DE COPOLYMERISATION ET COPOLYMERES AINSI OBTENUS**  
[72] YASUDA, HAJIME, JP  
[72] MALINGE, JEAN, FR  
[72] DESURMONT, GUILLAUME, JP  
[71] ATOFINA, FR  
[85] 2001-09-24  
[86] 2000-03-14 (PCT/FR2000/000614)  
[87] 2000-09-28 (WO2000/056778)  
[30] FR (99/03669) 1999-03-24

---

[21] **2,367,157**  
[13] A1  
[51] **Int.Cl. 7C08K 3/04 7C04B 35/52 7C04B 35/524**  
[25] EN  
[54] **IMPROVED CARBON-CONTAINING MATERIALS**  
[54] **MATERIAUX AMELIORES CONTENANT DU CARBONE**  
[72] SHAW, RAYMOND WALTER, AU  
[72] SOLOMON, DAVID HENRY, AU  
[72] JURIC, DRAGO DRAGUTIN, AU  
[72] QIAO, GREG GUANGHUA, AU  
[71] THE UNIVERSITY OF MELBOURNE, AU  
[85] 2001-09-24  
[86] 2000-03-23 (PCT/AU2000/000236)  
[87] 2000-09-28 (WO2000/056811)  
[30] AU (PP 9413) 1999-03-23

---

[21] **2,367,170**  
[13] A1  
[51] **Int.Cl. 7H01H 51/12 7H02P 1/32**  
[25] EN  
[54] **STAR-TO-TRIANGLE SWITCHING ELEMENT**  
[54] **ELEMENT DE COMMUTATION ETOILE VERS TRIANGLE**  
[72] LOVRENCIC, ALOJZ, SI  
[72] PIHLER, JOZE, SI  
[71] LOVRENCIC, ALOJZ, SI  
[85] 2001-09-24  
[86] 2000-03-21 (PCT/SI2000/000005)  
[87] 2000-09-28 (WO2000/057444)  
[30] SI (P-9900062) 1999-03-24

---

[21] **2,367,173**  
[13] A1  
[51] **Int.Cl. 7C07K 14/52 7A61P 29/00 7C12P 21/00 7C12N 5/08 7A61K 38/19 7C07K 16/24 7A61K 39/395**  
[25] EN  
[54] **PURPOSEFUL MOVEMENT OF HUMAN MIGRATORY CELLS AWAY FROM AN AGENT SOURCE**  
[54] **MOUVEMENT DELIBERE DE CELLULES MIGRATOIRES HUMAINES S'ELOIGNANT DE SOURCE D'AGENTS**  
[72] POZNANSKY, MARK C., US  
[72] SCADDEN, DAVID T., US  
[72] LUSTER, ANDREW D., US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2001-10-05  
[86] 2000-04-07 (PCT/US2000/009678)  
[87] 2000-10-12 (WO2000/059941)  
[30] US (60/128,272) 1999-04-08  
[30] US (60/168,952) 1999-12-03

## PCT Applications Entering the National Phase

[21] **2,367,213**  
[13] A1

[51] **Int.Cl. 7A61K 38/00**  
[25] EN  
[54] **NOVEL ANTIANGIOGENIC PEPTIDES**  
[54] **NOUVEAUX PEPTIDES ANTIANGIOGENIQUES**  
[72] FERNANDEZ, CECILIA, US  
[72] MOSES, MARSHA, US  
[72] WU, INMIN, US  
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007156)  
[87] 2000-09-21 (WO2000/054796)  
[30] US (60/125,020) 1999-03-18

[21] **2,367,247**  
[13] A1

[51] **Int.Cl. 7A61K 38/48 7A61P 35/00 7A61K 38/17 7A61K 38/39 7A61K 38/57**  
[25] EN  
[54] **COMPOSITIONS AND METHODS OF USE OF LDL-LIKE RECEPTOR LIGANDS FOR THE TREATMENT OF CANCER AND ANGIOGENIC-BASED DISEASE**  
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION DE LIGANDS RECEPTEURS DU TYPE LDL POUR LE TRAITEMENT DU CANCER ET DE MALADIES ANGIOGENIQUES**  
[72] PAPATHANASSIU, ADONIA E., US  
[72] GREEN, SHAWN J., US  
[71] ENTREMED, INC., US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007154)  
[87] 2000-09-21 (WO2000/054801)  
[30] US (09/270,982) 1999-03-17

[21] **2,367,256**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61K 38/00 7A61K 39/00 7A61K 38/16 7G01N 33/53**  
[25] EN  
[54] **SURFACE LOCALIZED COLLIGIN/HSP47 IN CARCINOMA CELLS**  
[54] **COLLIGIN/HSP47 A LOCALISATION SUPERFICIELLE DANS LES CELLULES DES CARCINOMES**  
[72] SAUK, JOHN J., US  
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US  
[85] 2001-09-17  
[86] 2000-03-15 (PCT/US2000/006588)  
[87] 2000-09-21 (WO2000/054805)  
[30] US (60/124,481) 1999-03-15

[21] **2,367,262**  
[13] A1

[51] **Int.Cl. 7A61K 31/05 7A61P 35/00 7A61K 31/09 7A61P 31/18 7A61K 31/352 7A61K 31/661**  
[25] EN  
[54] **TREATMENT OF IMMUNE DISEASES**  
[54] **TRAITEMENT DE MALADIES IMMUNITAIRES**  
[72] TRAVIS, CRAIG R., US  
[71] IMMUGEN PHARMACEUTICALS, INC., US  
[85] 2001-09-17  
[86] 2000-03-22 (PCT/US2000/007629)  
[87] 2000-09-28 (WO2000/056303)  
[30] US (60/125,674) 1999-03-22  
[30] US (60/151,595) 1999-08-30

[21] **2,367,268**  
[13] A1

[51] **Int.Cl. 7A61K 31/135**  
[25] EN  
[54] **WEIGHT LOSS AFTER PREGNANCY**  
[54] **PERTE DE POIDS APRES UNE GROSSESSE**  
[72] MENDEL, CARL M., US  
[72] WEINSTEIN, STEVE P., US  
[72] SEATON, TIMOTHY B., US  
[71] KNOLL PHARMACEUTICAL COMPANY, US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007202)  
[87] 2000-09-28 (WO2000/056317)  
[30] US (60/125,149) 1999-03-19

[21] **2,367,276**  
[13] A1

[51] **Int.Cl. 7B65D 81/38**  
[25] EN  
[54] **CONTAINER FOR DISPENSING A HEATED FLUID**  
[54] **RECIPIENT DISTRIBUTEUR DE LIQUIDE CHAUFFE**  
[72] GUILLAUME, BRUNO, FR  
[72] LABLAINE, BRUNO, FR  
[72] RUELLO, SERGE, FR  
[71] RECKITT BENCKISER FRANCE, FR  
[85] 2001-09-07  
[86] 2000-03-15 (PCT/GB2000/000939)  
[87] 2000-09-28 (WO2000/056631)  
[30] EP (99400667.4) 1999-03-19  
[30] GB (9913461.1) 1999-06-10

[21] **2,367,286**  
[13] A1

[51] **Int.Cl. 7H01M 8/20 7H01M 4/02 7H01M 4/04 7H01M 4/62 7H01M 4/70 7H01M 4/86 7H01M 4/88**  
[25] EN  
[54] **ELECTRODES**  
[54] **ELECTRODES**  
[72] HAGG, CHRISTOPH M., AT  
[72] SKYLLAS-KAZACOS, MARIA, AU  
[71] UNISEARCH LIMITED, AU  
[85] 2001-09-21  
[86] 2000-03-23 (PCT/AU2000/000241)  
[87] 2000-09-28 (WO2000/057507)  
[30] AU (PP 9387) 1999-03-23

[21] **2,367,294**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/50**  
[25] EN  
[54] **PREDICTION OF RISK OF INTERSTITIAL LUNG DISEASE**  
[54] **PREDICTION DES RISQUES DE PATHOLOGIE INTERSTITIELLE PULMONAIRE**  
[72] DI GIOVINE, FRANCESCO SAVERIO, GB  
[72] WHYTE, MORIA, GB  
[72] DUFF, GORDON W., GB  
[71] INTERLEUKIN GENETICS, INC., US  
[85] 2001-10-01  
[86] 2000-03-31 (PCT/US2000/008492)  
[87] 2000-10-12 (WO2000/060117)  
[30] US (09/286,108) 1999-04-02

[21] **2,367,300**  
[13] A1

[51] **Int.Cl. 7G06F 3/02**  
[25] EN  
[54] **AN ACTUATOR DEVICE FOR A PERSONAL COMPUTER**  
[54] **DISPOSITIF D'ACTIONNEUR POUR ORDINATEUR PERSONNEL**  
[72] PARTIN, PHILIP EDWARD, US  
[72] COLLINS, JOEL III, US  
[72] SWANSEY, JOHN DAVID, US  
[72] ZHAI, SHUMIN, US  
[72] MCCLURG, GARY ROBERT, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2001-09-07  
[86] 2000-03-16 (PCT/GB2000/000976)  
[87] 2000-10-05 (WO2000/058819)  
[30] US (09/282,331) 1999-03-31

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,367,303</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01L 51/20</b> [25] EN [54] <b>ORGANIC ELECTROLUMINESCENT COMPONENT</b> [54] <b>COMPOSANT ELECTROLUMINESCENT ORGANIQUE</b> [72] KANITZ, ANDREAS, DE [72] STOSSEL, MATTHIAS, DE [71] OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG, DE [85] 2001-09-21 [86] 2000-03-13 (PCT/DE2000/000783) [87] 2000-09-28 (WO2000/057499) [30] DE (199 13 350.6) 1999-03-24</p>	<p style="text-align: right;">[21] <b>2,367,317</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21H 17/28 7C08L 3/02 7C08L 3/04 7D21H 21/10 7D21H 17/44 7D21H 17/45</b> [25] EN [54] <b>MODIFICATION OF STARCH WITH CATIONIC POLYMERS AND USE OF MODIFIED STARCHES AS PAPER DRY STRENGTH ENHANCER</b> [54] <b>MODIFICATION D'AMIDON AVEC DES POLYMERES CATIONIQUES ET UTILISATION DES AMIDONS MODIFIES COMME AGENTS CONFERANT AU PAPIER UNE RESISTANCE A L'ETAT SEC</b> [72] MAHR, NORBERT, DE [72] DIEHL, KURT, DE [72] LORENCAK, PRIMOZ, DE [72] STANGE, ANDREAS, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2001-09-25 [86] 2000-03-23 (PCT/EP2000/002567) [87] 2000-10-12 (WO2000/060167) [30] DE (199 15 157.1) 1999-04-01</p>	<p style="text-align: right;">[21] <b>2,367,335</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01Q 1/12</b> [25] EN [54] <b>METHOD AND DEVICE AT A TRANSMITTER AND RECEIVER UNIT IN A MOBILE TELEPHONE SYSTEM</b> [54] <b>PROCEDE ET DISPOSITIF POUR UNITE EMETTRICE ET RECEPTRICE DANS UN SYSTEME DE TELEPHONES MOBILES</b> [72] TENG, BOON KEONG, SG [71] DIATOR NETCOM CONSULTANTS AB, SE [85] 2001-09-18 [86] 1999-10-05 (PCT/SE1999/001770) [87] 2000-09-28 (WO2000/057510) [30] SE (9901085-2) 1999-03-24</p>
<p style="text-align: right;">[21] <b>2,367,305</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 21/26</b> [25] EN [54] <b>A SEPARATOR</b> [54] <b>SEPARATEUR</b> [72] CAULFIELD, R., AU [71] ENVIRONMENTAL SEPARATION TECHNOLOGIES PTY LTD., AU [85] 2001-09-24 [86] 2000-03-24 (PCT/AU2000/000248) [87] 2000-09-28 (WO2000/056420) [30] AU (PP 9419) 1999-03-24 [30] AU (PQ 4306) 1999-11-26</p>	<p style="text-align: right;">[21] <b>2,367,320</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>WORKFLOW MANAGEMENT SYSTEM</b> [54] <b>SYSTEME DE GESTION DE FLUX DES TRAVAUX</b> [72] HUMMEL, JOCHEN, DE [72] KNYPHAUSEN, IKO, US [71] TRADOS GMBH, DE [85] 2001-09-18 [86] 2000-01-26 (PCT/EP2000/000595) [87] 2000-09-28 (WO2000/057320) [30] US (60/125,078) 1999-03-19 [30] US (09/303,499) 1999-04-30 [30] US (09/317,979) 1999-05-25</p>	<p style="text-align: right;">[21] <b>2,367,338</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 4/58 7C01B 25/30 7H01M 4/48</b> [25] EN [54] <b>LITHIUM-CONTAINING PHOSPHATE ACTIVE MATERIALS</b> [54] <b>MATIERES ACTIVES A BASE DE PHOSPHATES CONTENANT DU LITHIUM</b> [72] BARKER, JEREMY, US [71] VALENCE TECHNOLOGY, INC., US [85] 2001-09-21 [86] 2000-02-22 (PCT/US2000/004401) [87] 2000-09-28 (WO2000/057505) [30] US (09/274,371) 1999-03-23</p>
<p style="text-align: right;">[21] <b>2,367,308</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02K 1/27</b> [25] EN [54] <b>MULTIPOLE, PERMANENT-MAGNET ROTOR FOR A ROTATING ELECTRICAL MACHINE AND METHOD FOR PRODUCING SUCH A ROTOR</b> [54] <b>ROTOR MULTIPOLAIRE A AIMANTS PERMANENTS POUR MACHINE TOURNANTE ELECTRIQUE ET PROCEDE DE FABRICATION ASSOCIE</b> [72] SCHURING, INGO, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-09-18 [86] 2000-03-17 (PCT/DE2000/000853) [87] 2000-09-28 (WO2000/057537) [30] DE (199 14 021.9) 1999-03-19</p>	<p style="text-align: right;">[21] <b>2,367,345</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 17/028 7B01D 17/032</b> [25] EN [54] <b>IMPROVED SEPARATOR AND PROCESS</b> [54] <b>PROCEDE ET DISPOSITIF DE SEPARATION AMELIORES</b> [72] ARTHUR, RONALD WILLIAM, AU [72] CLARKE, NEVILLE, AU [72] ZUCCON, JOHN, AU [71] GEO2 LIMITED, AU [85] 2001-09-17 [86] 2000-03-17 (PCT/AU2000/000199) [87] 2000-09-21 (WO2000/054867) [30] AU (PP 9247) 1999-03-17</p>	

## PCT Applications Entering the National Phase

[21] **2,367,347**  
[13] A1

[51] **Int.Cl. 7F25J 3/00**  
[25] EN  
[54] **NITROGEN REJECTION SYSTEM FOR LIQUEFIED NATURAL GAS**  
[54] **SYSTEME DE REJET DE L'AZOTE POUR GAZ NATUREL LIQUEFIE**  
[72] LOW, WILLIAM R., US  
[72] YAO, JAME, US  
[71] PHILLIPS PETROLEUM COMPANY, US  
[85] 2001-09-07  
[86] 2000-03-28 (PCT/US2000/008144)  
[87] 2000-10-05 (WO2000/058674)  
[30] US (09/281,024) 1999-03-30

[21] **2,367,350**  
[13] A1

[51] **Int.Cl. 7H01M 6/18 7C08F 283/01 7C08K 3/04 7C08F 290/06 7C08L 67/06 7C08L 63/10 7H01M 10/40**  
[25] EN  
[54] **HIGHLY CONDUCTIVE MOLDING COMPOUNDS AND FUEL CELL BIPOLAR PLATES COMPRISING THESE COMPOUNDS**  
[54] **MELANGES A MOULER HAUTEMENT CONDUCTEURS ET PLAQUES BIPOLAIRES DE PILE A COMBUSTIBLE COMPRENANT CES MELANGES**  
[72] BUTLER, KURT I., US  
[71] QUANTUM COMPOSITES, INC., US  
[85] 2001-09-14  
[86] 2000-03-17 (PCT/US2000/006999)  
[87] 2000-09-28 (WO2000/057506)  
[30] US (60/125,138) 1999-03-19  
[30] US (09/526,641) 2000-03-16

[21] **2,367,351**  
[13] A1

[51] **Int.Cl. 7A61L 27/34**  
[25] EN  
[54] **INTRALUMINAL LINING**  
[54] **CHEMISE INTRALUMINALE**  
[72] RAVENSCROFT, ADRIAN, US  
[72] DIMATTEO, KRISTIAN, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-09-17  
[86] 2000-03-31 (PCT/US2000/008817)  
[87] 2000-10-12 (WO2000/059558)  
[30] US (09/283,556) 1999-04-01

[21] **2,367,353**  
[13] A1

[51] **Int.Cl. 7H04B 7/005**  
[25] EN  
[54] **WEIGHTED OPEN LOOP POWER CONTROL IN A TIME DIVISION DUPLEX COMMUNICATION SYSTEM**  
[54] **COMMANDE EN BOUCLE OUVERTE PONDEREE INTEGREE DANS UN DUPLEX A REPARTITION DANS LE TEMPS D'UN SYSTEME DE COMMUNICATION**  
[72] ZEIRA, ARIELA, US  
[72] SHIN, SUNG-HYUK, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/US2000/007477)  
[87] 2000-09-28 (WO2000/057575)  
[30] US (60/125,417) 1999-03-22  
[30] US (60/136,556) 1999-05-28  
[30] US (60/136,557) 1999-05-28

[21] **2,367,354**  
[13] A1

[51] **Int.Cl. 7C07D 473/16 7A61K 31/52**  
[25] EN  
[54] **6-SUBSTITUTED BIARYL PURINE DERIVATIVES AS POTENT CYCLIN/CDK INHIBITORS AND ANTIPROLIFERATIVE AGENTS**  
[54] **DERIVES DE PURINE DIARYLE SUBSTITUEE EN 6 UTILISES COMME INHIBITEURS PUISSANTS DE KINASE DEPENDANTE DES CYCLINES ET COMME AGENTS ANTIPROLIFERATIFS**  
[72] TROVA, MICHAEL P., US  
[71] ALBANY MOLECULAR RESEARCH, INC., US  
[85] 2001-09-17  
[86] 2000-03-16 (PCT/US2000/007065)  
[87] 2000-09-21 (WO2000/055161)  
[30] US (60/124,829) 1999-03-17  
[30] US (09/493,790) 2000-01-28

[21] **2,367,355**  
[13] A1

[51] **Int.Cl. 7A61K 38/46 7A61P 3/10**  
[25] EN  
[54] **MEDICAMENT FOR TREATING DIABETES**  
[54] **MEDICAMENT DESTINE AU TRAITEMENT DU DIABETE**  
[72] HENNIGES, FRIEDERIKE, DE  
[72] SCHWANITZ, DIETER, DE  
[72] RUDMANN, MARTIN A., DE  
[72] SANDER, SUNTJE, DE  
[72] STEINBORN, CLAUS, DE  
[71] SOLVAY PHARMACEUTICALS GMBH, DE  
[85] 2001-09-17  
[86] 2000-03-15 (PCT/EP2000/002261)  
[87] 2000-09-21 (WO2000/054799)  
[30] DE (199 11 778.0) 1999-03-17

[21] **2,367,363**  
[13] A1

[51] **Int.Cl. 7H04B 7/005**  
[25] EN  
[54] **OUTER LOOP/WEIGHTED OPEN LOOP POWER CONTROL IN A TIME DIVISION DUPLEX COMMUNICATION SYSTEM**  
[54] **COMMANDE DE PUISSANCE EN BOUCLE EXTERNE/BOUCLE OUVERTE PONDEREE DANS UN SYSTEME DE COMMUNICATIONS DUPLEX A DIVISION DANS LE TEMPS**  
[72] DICK, STEPHEN G., US  
[72] SHIN, SUNG-HYUK, US  
[72] ZEIRA, ARIELA, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/US2000/007556)  
[87] 2000-09-28 (WO2000/057576)  
[30] US (60/125,417) 1999-03-22  
[30] US (60/136,556) 1999-05-28  
[30] US (60/136,557) 1999-05-28

## Demandes PCT entrant en phase nationale

[21] **2,367,364**  
[13] A1

[51] **Int.Cl. 7C07C 227/16 7C07D 235/06 7C07C 229/60**  
[25] EN  
[54] **PROCESS FOR NITRATING ANILINE DERIVATIVES**  
[54] **PROCEDE DE NITRATION DE DERIVES D'ANILINE**  
[72] SCHNEIDER, HEINRICH (deceased), DE  
[71] BOEHRINGER INGELHEIM PHARMA KG, DE  
[85] 2001-09-24  
[86] 2000-04-12 (PCT/EP2000/003247)  
[87] 2000-10-26 (WO2000/063158)  
[30] DE (199 17 524.1) 1999-04-17

[21] **2,367,365**  
[13] A1

[51] **Int.Cl. 7H01L 47/00**  
[25] EN  
[54] **ELECTRICALLY PROGRAMMABLE MEMORY ELEMENT WITH IMPROVED CONTACTS**  
[54] **ELEMENT DE MEMOIRE PROGRAMMABLE ELECTRIQUEMENT MUNI DE CONTACTS AMELIORES**  
[72] LOWREY, TYLER, US  
[72] KOSTYLEV, SERGEY, US  
[72] KLERSY, PATRICK J., US  
[72] CZUBATYJ, WOLODYMYR, US  
[72] PASHMAKOV, BOIL, US  
[72] OVSHINSKY, STANFORD R., US  
[72] WICKER, GUY C., US  
[71] ENERGY CONVERSION DEVICES, INC., US  
[85] 2001-09-20  
[86] 2000-03-22 (PCT/US2000/007666)  
[87] 2000-09-28 (WO2000/057498)  
[30] US (09/276,273) 1999-03-25

[21] **2,367,369**  
[13] A1

[51] **Int.Cl. 7A62C 5/02 7F23D 14/68**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR ATOMIZING FCC FEED OIL**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'ATOMISER UNE HUILE D'ALIMENTATION DE CRAQUAGE CATALYTIQUE FLUIDE**  
[72] ITO, JACKSON I., US  
[72] KOVEAL, RUSSELL JOHN JR., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007025)  
[87] 2000-09-21 (WO2000/054845)  
[30] US (09/271,813) 1999-03-18  
[30] US (09/526,577) 2000-03-16  
[30] US (09/526,576) 2000-03-16

[21] **2,367,376**  
[13] A1

[51] **Int.Cl. 7A61L 27/00**  
[25] EN  
[54] **MOLDED IMPLANTS FOR ORTHOPEDIC APPLICATIONS**  
[54] **IMPLANTS MOULES POUR APPLICATIONS ORTHOPEDIQUES**  
[72] WIRONEN, JOHN F., US  
[72] HORN, JEFFREY, US  
[72] KAO, PENELOPE, US  
[71] REGENERATION TECHNOLOGIES, INC., US  
[85] 2001-09-17  
[86] 2000-03-14 (PCT/US2000/006773)  
[87] 2000-09-21 (WO2000/054821)  
[30] US (09/268,812) 1999-03-16

[21] **2,367,377**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **WEARABLE AEROSOL DELIVERY APPARATUS**  
[54] **APPAREIL DISTRIBUTEUR D'AEROSOL PORTATIF**  
[72] GARON, MARK, CA  
[71] MULTI-VET LTD., CA  
[85] 2001-09-17  
[86] 2000-03-14 (PCT/CA2000/000267)  
[87] 2000-09-21 (WO2000/054828)  
[30] US (09/268,638) 1999-03-16

[21] **2,367,381**  
[13] A1

[51] **Int.Cl. 7A63B 37/06**  
[25] EN  
[54] **IMPROVED MULTI-LAYER GOLF BALL**  
[54] **BALLE DE GOLF MULTICOUCHE AMELIOREE**  
[72] BINETTE, MARK L., US  
[72] KENNEDY, THOMAS J., III, US  
[72] NESBITT, R. DENNIS, US  
[72] SULLIVAN, MICHAEL J., US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2001-08-20  
[86] 2001-01-10 (PCT/US2001/000783)  
[87] 2001-07-26 (WO2001/052947)  
[30] US (09/490,185) 2000-01-22

[21] **2,367,392**  
[13] A1

[51] **Int.Cl. 7A61N 1/34**  
[25] EN  
[54] **APPARATUS AND METHODS FOR REDUCING PAIN AND/OR RETRAINING MUSCLES**  
[54] **APPAREIL ET PROCEDES PERMETTANT DE REDUIRE LA DOULEUR ET/OU DE REEDUQUER DES MUSCLES**  
[72] SABERSKI, LLOYD R., US  
[72] GILLIS, SCOTT H., US  
[71] SABERSKI, LLOYD R., US  
[85] 2001-09-07  
[86] 2000-03-24 (PCT/US2000/007863)  
[87] 2000-09-28 (WO2000/056401)  
[30] US (60/125,970) 1999-03-24

[21] **2,367,398**  
[13] A1

[51] **Int.Cl. 7H02J 3/24 7H04B 7/00 7H02P 9/10 7H02K 17/44**  
[25] EN  
[54] **ROTATING POWER SYSTEM STABILIZER**  
[54] **STABILISATEUR DE GENERATEUR ROTATIF**  
[72] LOF, PER-ANDERS, SE  
[72] GERTMAR, LARS, SE  
[72] NYSVEEN, ARNE, NO  
[72] NESTLI, TOM FAGERNES, NO  
[71] ABB AB, SE  
[85] 2001-09-20  
[86] 2000-04-26 (PCT/SE2000/000781)  
[87] 2000-11-09 (WO2000/067358)  
[30] SE (9901553-9) 1999-04-30  
[30] SE (9903044-7) 1999-08-27  
[30] SE (9904478-6) 1999-12-08

## PCT Applications Entering the National Phase

[21] **2,367,416**  
[13] A1

[51] **Int.Cl. 7H01M 8/10 7H01M 4/88**  
[25] EN  
[54] **ELECTROCHEMICAL USES OF AMORPHOUS FLUOROPOLYMERS**  
[54] **UTILISATIONS ELECTROCHIMIQUES DE POLYMERES FLUORES AMORPHES**  
[72] RAJENDRAN, GOVINDARAJULU, US  
[72] KUMAR, SRIDHAR, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-09-07  
[86] 2000-04-20 (PCT/US2000/010641)  
[87] 2000-11-09 (WO2000/067336)  
[30] US (60/131,799) 1999-04-30

[21] **2,367,421**  
[13] A1

[51] **Int.Cl. 7H01M 2/12**  
[25] EN  
[54] **CYLINDRICAL BATTERY AND METHOD FOR MANUFACTURING THE SAME**  
[54] **BATTERIE CYLINDRIQUE ET SON PROCEDE DE FABRICATION**  
[72] SHOJI, YASUHIKO, JP  
[72] MOTOTANI, YUJI, JP  
[72] KUBO, ISAO, JP  
[72] YAMAMOTO, KENJI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2001-09-18  
[86] 2000-03-29 (PCT/JP2000/001980)  
[87] 2000-11-09 (WO2000/067335)  
[30] JP (11/125134) 1999-04-30  
[30] JP (2000/30958) 2000-02-08

[21] **2,367,457**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/435**  
[25] EN  
[54] **PROTEIN FOR BLOCKING PLATELET ADHESION**  
[54] **PROTEINE PERMETTANT DE BLOQUER L'ADHESION DES PLAQUETTES**  
[72] HEMBERGER, JURGEN, DE  
[72] SCHEUBLE, BERNHARD, DE  
[72] HOFMANN, UWE, DE  
[72] GUSSOW, DETLEF, DE  
[72] FOTEV, ZISI, DE  
[72] STRITTMATTER, WOLFGANG, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2001-09-14  
[86] 2000-03-10 (PCT/EP2000/002117)  
[87] 2000-09-28 (WO2000/056885)  
[30] EP (99105530.2) 1999-03-18  
[30] EP (99109503.5) 1999-05-12

[21] **2,367,464**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 15/11 7A61K 39/395 7C07K 14/47 7G01N 33/53 7C12Q 1/68 7A61K 31/70**  
[25] EN  
[54] **MATERIALS AND METHODS RELATING TO MODULATION OF P66 EXPRESSION**  
[54] **MATERIAUX ET PROCEDES RELATIFS A LA MODULATION DE L'EXPRESSION DE P66**  
[72] GIORGIO, MARCO, IT  
[72] MIGLIACCIO, ENRICA, IT  
[72] PELICCI, PIER GIUSEPPE, IT  
[72] LANFRANCONE, LUISA, IT  
[71] CANCER RESEARCH VENTURES LIMITED, GB  
[85] 2001-09-21  
[86] 2000-03-22 (PCT/GB2000/001079)  
[87] 2000-09-28 (WO2000/056886)  
[30] GB (9906515.3) 1999-03-22

[21] **2,367,468**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C07K 14/47 7C12Q 1/68**  
[25] EN  
[54] **RHEUMATOID ARTHRITIS GENE AND METHOD FOR DIAGNOSING RHEUMATOID ARTHRITIS**  
[54] **GENE DE LA POLYARTHRITE RHUMATOIDE ET PROCEDE PERMETTANT DE DIAGNOSTIQUER LA POLYARTHRITE RHUMATOIDE**  
[72] SHIOZAWA, SHUNICHI, JP  
[72] KOMAI, KOICHIRO, JP  
[71] SHIOZAWA, SHUNICHI, JP  
[85] 2001-09-14  
[86] 2000-03-21 (PCT/JP2000/001697)  
[87] 2000-09-28 (WO2000/056888)  
[30] JP (11/116933) 1999-03-20

[21] **2,367,471**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12Q 1/04 7C07K 14/37**  
[25] EN  
[54] **FUNGAL BETA-TUBULIN GENES**  
[54] **GENES FONGIQUES DE BETA-TUBULINE**  
[72] SIDHU, RAJINDER S., US  
[72] BOLLON, ARTHUR P., US  
[72] MU, JING-HONG, US  
[71] CYTOCLONAL PHARMACEUTICS, INC., US  
[85] 2001-09-14  
[86] 2000-03-23 (PCT/US2000/007995)  
[87] 2000-09-28 (WO2000/056894)  
[30] US (60/125,717) 1999-03-23

[21] **2,367,475**  
[13] A1

[51] **Int.Cl. 7C12N 15/52 7C12N 9/00 7C12P 21/02 7C12N 1/15 7C12N 1/21**  
[25] EN  
[54] **HYBRID SYNTHETASE, HYBRID PEPTIDE AND COMPOSITION CONTAINING SAME**  
[54] **SYNTHETASE HYBRIDE, PEPTIDE HYBRIDE ET COMPOSITION LES CONTENANT**  
[72] GOLYSHIN, PETER, DE  
[72] YAKIMOV, MICHAEL, DE  
[72] TIMMIS, KENNETH NIGEL, DE  
[71] GESELLSCHAFT FUR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF), DE  
[85] 2001-09-17  
[86] 2000-03-20 (PCT/EP2000/002454)  
[87] 2000-09-28 (WO2000/056896)  
[30] EP (99105659.9) 1999-03-19

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,367,502</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A62D 5/00</b> [25] EN [54] <b>PERFORATED PROTECTIVE PLASTIC FILMS OR SHEETS</b> [54] <b>FILMS OU FEUILLES DE PLASTIQUE DE PROTECTION PERFORES</b> [72] WHYMAN, ANDREW DAVID, CA [71] DUPONT CANADA INC., CA [85] 2001-09-18 [86] 2000-04-11 (PCT/CA2000/000401) [87] 2000-10-19 (WO2000/061239) [30] US (60/128,927) 1999-04-13</p>	<p style="text-align: right;">[21] <b>2,367,511</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D03D 27/00 7B05C 17/02 7D04B 1/04</b> [25] EN [54] <b>PILE FABRIC</b> [54] <b>TISSU A POILS</b> [72] WIESNER, HUBERT, DE [72] KOHLRUSS, GREGOR, DE [72] STEINLEIN, ROLAND, DE [72] GRIEBE, OLIVER, DE [71] WIESNER, HUBERT, DE [71] STEINLEIN, ROLAND, DE [71] GRIEBE, OLIVER, DE [71] KOHLRUSS, GREGOR, DE [85] 2001-09-17 [86] 2000-03-03 (PCT/EP2000/001885) [87] 2000-09-28 (WO2000/056967) [30] DE (199 12 548.1) 1999-03-19</p>	<p style="text-align: right;">[21] <b>2,367,553</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/64 7H04L 12/56</b> [25] EN [54] <b>DISCARDING TRAFFIC IN IP NETWORKS TO OPTIMIZE THE QUALITY OF SPEECH SIGNALS</b> [54] <b>SUPPRESSION DE TRAFIC DANS UN RESEAU A PROTOCOLE INTERNET AUX FINS DE L'OPTIMISATION DE LA QUALITE DES SIGNAUX VOCAUX</b> [72] WESTBERG, LARS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-09-20 [86] 2000-03-08 (PCT/SE2000/000456) [87] 2000-09-28 (WO2000/057606) [30] US (09/275,069) 1999-03-23</p>
<p style="text-align: right;">[21] <b>2,367,504</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/37 7A61P 43/00 7C07D 497/20 7C07D 497/22 7A61K 31/438 7A61K 31/4747 7C12N 9/99</b> [25] EN [54] <b>METHOD FOR SCREENING CYSTEINE PROTEASE INHIBITOR</b> [54] <b>PROCEDE D'ANALYSE D'INHIBITEURS DE CYSTEINE PROTEASE</b> [72] OHMORI, JUNYA, JP [72] OHNO, KAZUSHIGE, JP [72] YATSUGI, SHIN-ICHI, JP [72] OHTSUKA, TOMOKAZU, JP [71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP [85] 2001-09-19 [86] 2000-03-17 (PCT/JP2000/001662) [87] 2000-09-28 (WO2000/056918) [30] JP (11/75724) 1999-03-19</p>	<p style="text-align: right;">[21] <b>2,367,522</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B27N 3/14</b> [25] EN [54] <b>SCATTERING STATION FOR FIBRE PLATES</b> [54] <b>POSTE DE DISPERSION POUR PANNEAUX DE FIBRES</b> [72] NATUS, GUNTER, DE [72] WOLF, LUTZ, DE [72] HENSCHER, WALTER, DE [71] DIEFFENBACHER SCHENCK PANEL GMBH, DE [85] 2001-10-12 [86] 2000-04-12 (PCT/EP2000/003278) [87] 2000-10-19 (WO2000/061341) [30] DE (199 16 448.7) 1999-04-12</p>	<p style="text-align: right;">[21] <b>2,367,559</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 33/127 7E21B 27/02</b> [25] EN [54] <b>INFLATABLE PACKER SETTING TOOL ASSEMBLY</b> [54] <b>ENSEMBLE OUTIL DE MISE EN PLACE POUR PACKER GONFLABLE</b> [72] CARISELLA, JAMES V., US [72] WILSON, PAUL J., US [71] WEATHERFORD/LAMB, INC., US [85] 2001-09-25 [86] 2000-04-07 (PCT/GB2000/001325) [87] 2000-10-26 (WO2000/063524) [30] US (09/292,633) 1999-04-15</p>
<p style="text-align: right;">[21] <b>2,367,509</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 22/68 7C23C 22/40</b> [25] EN [54] <b>CHEMICALLY PASSIVATED OBJECT MADE OF MAGNESIUM OR ALLOYS THEREOF</b> [54] <b>ARTICLE EN MAGNESIUM OU SES ALLIAGES CHIMIQUEMENT PASSIVE</b> [72] KURZE, PETER, DE [72] KOHLER, MARCO, DE [72] KRUGER, ULRICH, DE [72] BANERJEE, DORA, DE [71] ELECTRO CHEMICAL ENGINEERING GMBH, CH [85] 2001-09-21 [86] 2000-03-22 (PCT/DE2000/000872) [87] 2000-09-28 (WO2000/056950) [30] DE (199 13 242.9) 1999-03-24</p>	<p style="text-align: right;">[21] <b>2,367,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01F 7/16 7B22D 1/00 7C21C 7/072 7C22B 9/10</b> [25] EN [54] <b>COUPLING FOR A MOLTEN METAL PROCESSING SYSTEM</b> [54] <b>MECANISME DE COUPLAGE POUR SYSTEME DE TRAVAIL DU METAL EN FUSION</b> [72] MORDUE, GEORGE S., US [71] METALLICS SYSTEMS CO., L.P., US [85] 2001-09-21 [86] 2000-04-07 (PCT/US2000/009370) [87] 2000-10-19 (WO2000/061269) [30] US (60/128,527) 1999-04-09</p>	<p style="text-align: right;">[21] <b>2,367,562</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 3/56</b> [25] EN [54] <b>AUDIO CONFERENCE PLATFORM WITH CENTRALIZED SUMMING</b> [54] <b>PLATE-FORME D'AUDIOCONFERENCE AVEC RECAPITULATION CENTRALISEE</b> [72] LEONDIRES, ARTHUR P., US [72] O'MALLEY, WILLIAM, US [71] OCTAVE COMMUNICATIONS, INC., US [85] 2001-09-21 [86] 2000-03-22 (PCT/US2000/007559) [87] 2000-09-28 (WO2000/057619) [30] US (60/125,440) 1999-03-22 [30] US (60/148,975) 1999-08-13</p>

## PCT Applications Entering the National Phase

[21] **2,367,567**  
[13] A1

[51] **Int.Cl. 7H04N 7/173**  
[25] EN  
[54] **DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK**  
[54] **CHEMIN DE RETOUR NUMERIQUE POUR RESEAU HYBRIDE CONSTITUE DE FIBRES OPTIQUES ET DE CABLES COAXIAUX**  
[72] GALLAGHER, ROBERT T., US  
[71] ADC TELECOMMUNICATIONS, INC., US  
[85] 2001-09-18  
[86] 2000-03-16 (PCT/US2000/007231)  
[87] 2000-09-28 (WO2000/057644)  
[30] US (09/273,197) 1999-03-19

[21] **2,367,571**  
[13] A1

[51] **Int.Cl. 7B01D 15/00 7B01D 29/00 7B01D 35/00 7B01D 37/00 7B01D 53/02 7A61F 2/02 7B01D 53/22 7A61K 9/22**  
[25] EN  
[54] **RESPONSIVE GELS AND METHODS OF USE THEREOF**  
[54] **GELS SENSIBLES ET LEURS PROCEDES D'UTILISATION**  
[72] MENDUM, THOMAS H. E., US  
[72] LUPTON, ELMER C., US  
[72] GOLD, HARRIS, US  
[72] HICKS, R. EDWIN, US  
[72] TEVEROVSKY, JUSTYNA B., US  
[72] RUBIN, LESLIE S., US  
[71] FOSTER-MILLER, INC., US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007120)  
[87] 2000-09-21 (WO2000/054866)  
[30] US (60/124,723) 1999-03-17

[21] **2,367,572**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND SYSTEM FOR LOCATING A MOBILE SUBSCRIBER IN A CDMA COMMUNICATION SYSTEM**  
[54] **PROCEDE ET SYSTEME DE LOCALISATION D'UN ABONNE MOBILE DANS UN SYSTEME DE TELECOMMUNICATIONS AMDC**  
[72] MESECHER, DAVID K., US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2001-09-21  
[86] 1999-09-03 (PCT/US1999/020257)  
[87] 2000-09-28 (WO2000/057661)  
[30] US (09/274,081) 1999-03-22

[21] **2,367,577**  
[13] A1

[51] **Int.Cl. 6G08B 21/00**  
[25] EN  
[54] **MAGNETICALLY ACTUATED FLOAT SWITCH**  
[54] **INTERRUPTEUR A FLOTTEUR A COMMANDE MAGNETIQUE**  
[72] LEE, RORY G., US  
[72] BERGUM, ALAN J., US  
[71] S.J. ELECTRO SYSTEMS, INC., US  
[85] 2001-09-18  
[86] 1999-12-17 (PCT/US1999/030440)  
[87] 2000-09-28 (WO2000/057380)  
[30] US (09/272,438) 1999-03-19

[21] **2,367,578**  
[13] A1

[51] **Int.Cl. 7H04Q 11/04**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT FOR PROCESSING AN ATM CELL OVERHEAD**  
[54] **CONFIGURATION DE CIRCUITS DESTINES AU TRAITEMENT D'UNE EN-TETE DE CELLULE MTA**  
[72] GRIGORE, ELENA, DE  
[72] MARIGGIS, ATHANASE, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2001-09-21  
[86] 2000-03-01 (PCT/EP2000/001762)  
[87] 2000-09-28 (WO2000/057667)  
[30] EP (99105873.6) 1999-03-23

[21] **2,367,579**  
[13] A1

[51] **Int.Cl. 7H04R 3/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR RECORDING AND PROCESSING AUDIO SIGNALS IN AN ENVIRONMENT FILLED WITH ACOUSTIC NOISE**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE RECEVOIR ET DE TRAITER DES SIGNAUX AUDIO DANS UN ENVIRONNEMENT PERTURBE PAR DES BRUITS PARASITES**  
[72] KERN, RALF, DE  
[72] KLINKE, STEFANO, AMBROSIOUS, DE  
[72] AUBAUER, ROLAND, DE  
[72] LECKSCHAT, DIETER, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2001-09-17  
[86] 2000-03-20 (PCT/DE2000/000859)  
[87] 2000-09-28 (WO2000/057671)  
[30] DE (199 12 525.2) 1999-03-19  
[30] DE (199 34 724.7) 1999-07-23

[21] **2,367,585**  
[13] A1

[51] **Int.Cl. 6H05B 37/02**  
[25] EN  
[54] **VARIABLE POWER CONTROL LAMP ADAPTER**  
[54] **ADAPTATEUR GRADATEUR A PUISSANCE VARIABLE POUR LAMPE**  
[72] DAVIS, RALPH KENNETH, US  
[71] DAVIS, RALPH KENNETH, US  
[85] 2001-09-19  
[86] 1999-03-19 (PCT/US1999/006091)  
[87] 2000-09-28 (WO2000/057678)

[21] **2,367,607**  
[13] A1

[51] **Int.Cl. 7A61J 7/00 7A61J 1/00**  
[25] EN  
[54] **TEAT NOZZLE FOR DOSING DEVICE WITH CONNECTION MEANS**  
[54] **BUSE TETON DESTINEE A UN DISPOSITIF DE DOSAGE POURVU D'UN DISPOSITIF DE CONNEXION**  
[72] VANDECASSERIE, CHRISTIAN, BE  
[72] THILLY, JACQUES, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2001-09-25  
[86] 2000-03-17 (PCT/EP2000/002393)  
[87] 2000-10-05 (WO2000/057835)  
[30] GB (9907014.6) 1999-03-27

## Demandes PCT entrant en phase nationale

[21] **2,367,615**  
[13] A1

[51] **Int.Cl. 7A61F 13/02 7C11B 9/00 7A61K 31/4406 7A61K 9/70**  
[25] EN  
[54] **TRANSDERMAL THERAPEUTIC SYSTEM WITH NICOTINE AND ADDITION OF MONOTERPENE KETONES**  
[54] **SYSTEMES THERAPEUTIQUES TRANSDERMIQUES CONTENANT DE LA NICOTINE, AVEC AJOUT DE MONOTERPENE-CETONES**  
[72] BRACHT, STEFAN, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE  
[85] 2001-09-21  
[86] 2000-03-21 (PCT/EP2000/002457)  
[87] 2000-10-05 (WO2000/057824)  
[30] DE (199 13 732.3) 1999-03-26

[21] **2,367,633**  
[13] A1

[51] **Int.Cl. 7A43B 7/14 7A43B 13/18 7A43B 13/20 7A43B 3/24**  
[25] EN  
[54] **REMOVABLE ROUNDED MIDSOLE STRUCTURES AND CHAMBERS WITH COMPUTER PROCESSOR-CONTROLLED VARIABLE PRESSURE**  
[54] **STRUCTURES DE SEMELLES INTERCALAIRES ARRONDIES AMOVIBLES ET CHAMBRES A PRESSION VARIABLE CONTROLEE PAR PROCESSEUR INFORMATIQUE**  
[72] ELLIS, FRAMPTON E., US  
[71] ANATOMIC RESEARCH, INC., US  
[85] 2001-09-17  
[86] 2000-03-16 (PCT/US2000/006763)  
[87] 2000-09-21 (WO2000/054616)  
[30] US (60/124,662) 1999-03-16  
[30] US (60/125,199) 1999-03-18  
[30] US (09/275,073) 1999-03-24  
[30] US (60/125,949) 1999-04-24  
[30] US (60/130,990) 1999-04-26  
[30] US (60/133,114) 1999-05-07  
[30] US (60/140,360) 1999-06-23  
[30] US (09/375,480) 1999-08-17

[21] **2,367,643**  
[13] A1

[51] **Int.Cl. 7A61K 31/56**  
[25] EN  
[54] **OCULAR THERAPY IN KERATOCONJUNCTIVITIS SICCA USING TOPICALLY APPLIED ANDROGENS OR TGF-.BETA.**  
[54] **THERAPIE OCULAIRE POUR LA KERATOCONJONCTIVITE SECHE BASEE SUR L'APPLICATION LOCALE D'ANDROGENES OU DE TGF-.BETA.**  
[72] SULLIVAN, DAVID A., US  
[71] THE SCHEPENS EYE RESEARCH INSTITUTE, INC., US  
[85] 2001-09-17  
[86] 2000-03-15 (PCT/US2000/006787)  
[87] 2000-09-21 (WO2000/054779)  
[30] US (09/271,600) 1999-03-17

[21] **2,367,658**  
[13] A1

[51] **Int.Cl. 7A61K 31/65 7A61K 31/195 7A61K 31/415 7A61K 31/44**  
[25] EN  
[54] **METHOD FOR TREATMENT OF REACTIVE ARTHRITIS OR BURSITIS**  
[54] **TRAITEMENT DE L'ARTHRITE REACTIONNELLE ET DE LA BURSITE**  
[72] BONNER, ERNEST JR., US  
[72] HINES, ROBERT, US  
[71] BONNER, ERNEST JR., US  
[71] HINES, ROBERT, US  
[85] 2001-09-17  
[86] 2000-03-15 (PCT/US2000/007104)  
[87] 2000-09-21 (WO2000/054781)  
[30] US (09/270,962) 1999-03-17

[21] **2,367,668**  
[13] A1

[51] **Int.Cl. 7A45C 3/02 7B42F 7/08**  
[25] EN  
[54] **BINDER WITH EXPANDABLE OUTSIDE POCKET**  
[54] **SACOCHE DOTEE D'UNE POCHE EXTERNE EXTENSIBLE**  
[72] WYANT, JON R., US  
[72] MOOR, MARC L., US  
[71] THE MEAD CORPORATION, US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007126)  
[87] 2000-09-21 (WO2000/054621)  
[30] US (60/124,943) 1999-03-18

[21] **2,367,677**  
[13] A1

[51] **Int.Cl. 7A61K 7/50 7A61L 15/00 7B65H 45/24 7A61K 7/48**  
[25] EN  
[54] **PRE-MOISTENED WIPE WITH LOTION TO IMPROVE DISPENSING**  
[54] **LINGETTE PRE-HUMIDIFIEE A L'AIDE D'UNE LOTION, AUX FINS D'AMELIORATION DE SA DISTRIBUTION**  
[72] DECKNER, GEORGE, US  
[72] BAVELY, JANE LOUISE, US  
[72] SHANTZ, BARRY STANLEY, US  
[72] RICHARDS, MARC F., US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-09-11  
[86] 2000-03-29 (PCT/US2000/008420)  
[87] 2000-10-05 (WO2000/057843)  
[30] US (09/281,886) 1999-03-31  
[30] US (09/344,695) 1999-06-25

[21] **2,367,685**  
[13] A1

[51] **Int.Cl. 7B42F 13/16**  
[25] EN  
[54] **BINDER WITH EXPANDABLE POCKET**  
[54] **CLASSEUR AVEC POCHE EXTENSIBLE**  
[72] DEBLASIS, THOMAS, US  
[72] MOOR, MARC L., US  
[71] THE MEAD CORPORATION, US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007210)  
[87] 2000-09-21 (WO2000/054989)  
[30] US (60/124,943) 1999-03-18

[21] **2,367,690**  
[13] A1

[51] **Int.Cl. 7G05D 1/02**  
[25] EN  
[54] **ADVANCED SHIP AUTOPILOT SYSTEM**  
[54] **SYSTEME PILOTAGE AUTOMATIQUE AMELIORE POUR NAVIRE**  
[72] EL-TAHAN, MONA, CA  
[72] EL-TAHAN, HUSSEIN, CA  
[72] TUER, KEVIN, CA  
[72] ROSSI, MAURO, CA  
[71] CANADIAN SPACE AGENCY, CA  
[85] 2001-09-14  
[86] 2000-04-20 (PCT/CA2000/000448)  
[87] 2000-11-02 (WO2000/065417)  
[30] US (60/130,528) 1999-04-23

## PCT Applications Entering the National Phase

---

[21] **2,367,691**  
[13] A1  
[51] **Int.Cl. 7B65D 19/00**  
[25] EN  
[54] **FORCE RESISTING CORRUGATED ASSEMBLY**  
[54] **ENSEMBLE ONDULE RESISTANT A DES CONTRAINTES**  
[72] OGILVIE, MORGAN O., JR., US  
[72] OLVEY, MICHAEL W., US  
[72] WHATLEY, PAUL M., US  
[71] DESIGN PALLETS, INC., US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/007150)  
[87] 2000-09-21 (WO2000/055057)  
[30] US (09/271,774) 1999-03-18

---

[21] **2,367,698**  
[13] A1  
[51] **Int.Cl. 7B01L 3/00 7B03C 1/00 7B01J 19/00**  
[25] EN  
[54] **INDIVIDUALLY ADDRESSABLE MICRO-ELECTROMAGNETIC UNIT ARRAY CHIPS**  
[54] **PUCES A RESEAUX D'UNITES MICRO-ELECTROMAGNETIQUES ADRESSABLES INDIVIDUELLEMENT**  
[72] CHEN, PUDE, CN  
[72] LIU, ZHEWEN, CN  
[72] ZHU, XIAOSHANG, CN  
[72] WANG, JIA, CN  
[72] HE, XUEZHONG, CN  
[72] XIE, WENZHANG, CN  
[72] LIU, LITIAN, CN  
[72] LI, ZHIMING, CN  
[72] ZHOU, YUXIANG, CN  
[72] TAN, ZHIMIN, CN  
[72] XU, JUNXUAN, CN  
[72] LIU, XIUMEI, CN  
[72] CHEN, KEN, CN  
[71] AVIVA BIOSCIENCES CORPORATION, US  
[85] 2001-09-14  
[86] 1999-09-17 (PCT/US1999/021417)  
[87] 2000-09-21 (WO2000/054882)  
[30] CN (99 1 04113.5) 1999-03-15  
[30] CN (99 1 20320.8) 1999-09-16

---

[21] **2,367,719**  
[13] A1  
[51] **Int.Cl. 7C11D 7/32 7C11D 7/08 7C11D 3/36 7C11D 7/36 7C11D 1/44**  
[25] EN  
[54] **ANTIMICROBIAL ACID CLEANER FOR USE ON ORGANIC SOIL**  
[54] **AGENT NETTOYANT ACIDE ANTIMICROBIEN POUR SALISSURES ORGANIQUES**  
[72] HALSRUD, DAVID A., US  
[72] HERDT, BRANDON L., US  
[71] ECOLAB INC., US  
[85] 2001-09-21  
[86] 2000-03-09 (PCT/US2000/006149)  
[87] 2000-09-28 (WO2000/056853)  
[30] US (09/275,065) 1999-03-23

---

[21] **2,367,723**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7C07K 14/47 7C12N 15/62 7C12Q 1/68 7C12N 15/70 7C12N 15/85 7C12N 9/90**  
[25] EN  
[54] **METHODS OF OBTAINING FULL-LENGTH NUCLEIC ACID SEQUENCES USING E. COLI TOPOISOMERASE III AND ITS HOMOLOGS**  
[54] **PROCEDES D'OBTENTION DE SEQUENCES D'ACIDE NUCLEIQUE PLEINE LONGUEUR A L'AIDE DE E. COLI TOPOISOMERASE III ET SES HOMOLOGUES**  
[72] PHELAN, DOROTHY, US  
[72] HEYMAN, JOHN A., US  
[72] COMISKEY, JOHN D., US  
[72] MARCIL, ROBERT, US  
[71] INVITROGEN CORPORATION, US  
[85] 2001-09-19  
[86] 2000-03-13 (PCT/US2000/006560)  
[87] 2000-09-28 (WO2000/056878)  
[30] US (60/125,126) 1999-03-19

---

[21] **2,367,731**  
[13] A1  
[51] **Int.Cl. 7B29C 43/20 7B29C 59/02 7B29C 43/58**  
[25] EN  
[54] **A METHOD AND MACHINE FOR MANUFACTURING MOLDED STRUCTURES USING ZONED PRESSURE MOLDING**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE STRUCTURES MOULEES PAR MOULAGE SOUS PRESSION ZONE**  
[72] STEWART, DAVID H., US  
[71] STEWART, DAVID H., US  
[85] 2001-09-18  
[86] 2000-03-17 (PCT/US2000/006932)  
[87] 2000-09-21 (WO2000/054951)  
[30] US (60/124,978) 1999-03-18

---

[21] **2,367,763**  
[13] A1  
[51] **Int.Cl. 7G01R 27/28 7G01R 31/00 7G01R 31/14**  
[25] EN  
[54] **SIMULATOR CART**  
[54] **CHARIOT DE SIMULATEUR**  
[72] ROMERO, STEPHEN, US  
[72] GHORMLEY, CHRISTOPHER, US  
[72] DALLAS, MARK, US  
[72] BRAYTON, DWIGHT, US  
[71] FLUOR CORPORATION, US  
[85] 2001-09-17  
[86] 2000-03-23 (PCT/US2000/007962)  
[87] 2000-11-02 (WO2000/065361)  
[30] US (60/126,060) 1999-03-25

---

[21] **2,367,771**  
[13] A1  
[51] **Int.Cl. 7F16L 55/28 7B08B 9/04**  
[25] EN  
[54] **APPARATUS**  
[54] **APPAREIL**  
[72] SMITH, STEVE, GB  
[72] SYKES, SIMON, GB  
[71] FTL SEALS TECHNOLOGY LIMITED, GB  
[85] 2001-09-19  
[86] 2000-03-28 (PCT/GB2000/001159)  
[87] 2000-10-05 (WO2000/058660)  
[30] GB (9907145.8) 1999-03-29  
[30] GB (0001351.6) 2000-01-21

## Demandes PCT entrant en phase nationale

[21] **2,367,775**  
[13] A1

[51] **Int.Cl. 7C12N 1/20 7A01N 63/02 7C12P 1/04**  
[25] EN  
[54] **A STRAIN OF BACILLUS PUMILUS FOR CONTROLLING PLANT DISEASES**  
[54] **SOUCHE DU BACILLE PUMILUS POUR LA LUTTE CONTRE DES MALADIES VEGETALES**  
[72] LEHMAN, LORI JO, US  
[72] LINDHARD, DORTE, US  
[72] MCCOY, RANDY JAY, US  
[72] MESSENGER, BELINDA JANE, US  
[72] MANKER, DENISE CAROL, US  
[72] JIMENEZ, DESMOND RITO, US  
[72] ORJALA, JIMMY ENSIO, US  
[72] MARRONE, PAMELA GAIL, US  
[71] AGRAQUEST, INC., US  
[85] 2001-09-19  
[86] 2000-03-21 (PCT/US2000/007454)  
[87] 2000-10-05 (WO2000/058442)  
[30] US (09/281,360) 1999-03-30  
[30] US (09/461,700) 1999-12-14

[21] **2,367,792**  
[13] A1

[51] **Int.Cl. 7C07J 41/00 7A61P 5/46 7A61K 31/575**  
[25] EN  
[54] **LIVER SPECIFIC BILE ACID DERIVATIVES OF THE GLUCOCORTICOID ANTAGONIST RU486**  
[54] **DERIVES D'ACIDES BILIAIRES SPECIFIQUES AU FOIE PROVENANT DE L'ANTAGONISTE DE GLUCOCORTICOIDES RU486**  
[72] WU, JINCHANG, SE  
[72] APELQVIST, THERESA, SE  
[72] KOEHLER, KONRAD F., SE  
[71] KARO BIO AB, SE  
[85] 2001-09-25  
[86] 2000-03-18 (PCT/EP2000/002429)  
[87] 2000-10-05 (WO2000/058337)  
[30] GB (9907048.4) 1999-03-27

[21] **2,367,798**  
[13] A1

[51] **Int.Cl. 7C04B 16/04**  
[25] EN  
[54] **POLYMER-CEMENT COMPOSITES AND METHODS OF MAKING SAME**  
[54] **COMPOSITES POLYMERE-CIMENT ET MODES D'ELABORATION**  
[72] SLAGTER, JOHN THOMAS, US  
[71] STONECRAFT, LLC, US  
[85] 2001-09-19  
[86] 2000-03-17 (PCT/US2000/007192)  
[87] 2000-09-28 (WO2000/056679)  
[30] US (60/125,327) 1999-03-19

[21] **2,367,804**  
[13] A1

[51] **Int.Cl. 7G02B 6/26 7G02B 6/32**  
[25] EN  
[54] **SINGLE MODE OPTICAL FIBER COUPLING SYSTEMS**  
[54] **SYSTEMES DE COUPLAGE A FIBRE OPTIQUE MONOMODE**  
[72] HAMM, MARK A., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2001-09-21  
[86] 2000-03-24 (PCT/US2000/007916)  
[87] 2000-10-05 (WO2000/058766)  
[30] US (60/126,937) 1999-03-29

[21] **2,367,819**  
[13] A1

[51] **Int.Cl. 6B29C 49/04**  
[25] EN  
[54] **ARTICLE AND MANUFACTURING PROCESS FOR ARTICLE HAVING INDIVIDUAL MATERIAL PROPERTIES**  
[54] **ARTICLE ET PROCEDE DE FABRICATION D'UN ARTICLE AUX PROPRIETES MATERIELLES DISTINCTES**  
[72] CARGILL, LYNN E., US  
[72] POINTER, ROBIN L., US  
[71] 3DM INTERNATIONAL, INC., US  
[85] 2001-09-20  
[86] 2000-03-24 (PCT/US2000/007730)  
[87] 2000-09-28 (WO2000/056520)  
[30] US (60/125,955) 1999-03-24

[21] **2,367,822**  
[13] A1

[51] **Int.Cl. 7C02F 11/10 7C10B 53/00**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR THE CONVERSION OF CARBONACEOUS MATERIALS**  
[54] **PROCEDE ET APPAREIL DE CONVERSION DE MATIERES CARBONEES**  
[72] BRIDLE, TREVOR REDVERS, AU  
[72] SKRYPYSKI-MANTELE, STEFAN, DE  
[71] ENVIRONMENTAL SOLUTIONS INTERNATIONAL LTD., AU  
[85] 2001-09-21  
[86] 2000-03-17 (PCT/AU2000/000206)  
[87] 2000-09-28 (WO2000/056671)  
[30] AU (PP 9360) 1999-03-22

[21] **2,367,826**  
[13] A1

[51] **Int.Cl. 7C07K 1/14 7C07K 19/00 7C12N 1/15 7C12N 15/62**  
[25] EN  
[54] **PROCESS FOR PARTITIONING OF PROTEINS**  
[54] **PROCEDE DE SEPARATION DE PROTEINES**  
[72] NAKARI-SETALA, TIINA, FI  
[72] PENTTILA, MERJA, FI  
[72] KULA, MARIA-REGINA, DE  
[72] FAGERSTROM, RICHARD, FI  
[72] LINDER, MARKUS, FI  
[72] SELBER, KLAUS, DE  
[72] TJERNELD, FOLKE, SE  
[71] VALTION TEKNILLINEN TUTKIMUSKESKUS, FI  
[85] 2001-09-12  
[86] 2000-03-24 (PCT/FI2000/000249)  
[87] 2000-10-05 (WO2000/058342)  
[30] FI (990667) 1999-03-25  
[30] FI (19991782) 1999-08-20

## PCT Applications Entering the National Phase

[21] **2,367,828**  
[13] A1

[51] **Int.Cl. 7G02F 1/313**  
[25] EN  
[54] **AN OPTICAL CROSSPOINT SWITCH USING VERTICALLY COUPLED WAVEGUIDE STRUCTURE**  
[54] **DISPOSITIF DE COMMUTATION POUR POINT DE CONNEXION OPTIQUE METTANT EN OEUVRE UNE STRUCTURE DE GUIDES D'ONDE COUPLES VERTICALEMENT**  
[72] WHITE, IAN, GB  
[72] YU, SIYUAN, GB  
[72] PENTY, RICHARD VINCENT, GB  
[71] UNIVERSITY OF BRISTOL, GB  
[85] 2001-09-17  
[86] 2000-03-30 (PCT/GB2000/001216)  
[87] 2000-10-05 (WO2000/058782)  
[30] GB (9907407.2) 1999-03-31

[21] **2,367,835**  
[13] A1

[51] **Int.Cl. 7B29D 11/00**  
[25] EN  
[54] **METHOD OF LENS CASTING WITHOUT USING A GASKET**  
[54] **COULEE DE LENTILLE SANS UTILISATION DE JOINT**  
[72] LU, RICHARD, US  
[72] SU, KAI C., US  
[71] TECHNOLOGY RESOURCE INTERNATIONAL CORPORATION, US  
[85] 2001-09-19  
[86] 2000-03-17 (PCT/US2000/007152)  
[87] 2000-09-28 (WO2000/056528)  
[30] US (09/273,292) 1999-03-19

[21] **2,367,837**  
[13] A1

[51] **Int.Cl. 7B44C 1/10**  
[25] EN  
[54] **IMAGE GRAPHIC ADHESIVE SYSTEM AND METHOD FOR USING SAME**  
[54] **SYSTEME ADHESIF D'IMAGERIE ET SON PROCEDE D'UTILISATION**  
[72] REGNIER, DIANE L., US  
[72] CONGARD, PIERRE, US  
[72] LONCAR, FRANCIS V., JR., US  
[72] KRECKEL, KARL W., US  
[72] DEYAK, FRANK L., US  
[72] KUESTER, WILHELM, US  
[72] MUELLER, BRUNO, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/006992)  
[87] 2000-09-28 (WO2000/056556)  
[30] US (09/273,038) 1999-03-19  
[30] US (09/272,455) 1999-03-19  
[30] US (09/272,678) 1999-03-19  
[30] US (09/272,679) 1999-03-19  
[30] US (09/273,078) 1999-03-19

[21] **2,367,839**  
[13] A1

[51] **Int.Cl. 7B01D 53/22**  
[25] EN  
[54] **HYDROGEN-PERMEABLE METAL MEMBRANE AND METHOD FOR PRODUCING THE SAME**  
[54] **MEMBRANE METALLIQUE PERMEABLE A L'HYDROGENE ET PROCEDE DE PRODUCTION**  
[72] EDLUND, DAVID J., US  
[71] IDATECH LLC, US  
[85] 2001-09-19  
[86] 2000-03-20 (PCT/US2000/007458)  
[87] 2000-09-28 (WO2000/056425)  
[30] US (09/274,154) 1999-03-22

[21] **2,367,840**  
[13] A1

[51] **Int.Cl. 7B44F 1/02 7B44F 7/00 7B44C 5/04 7B44F 1/04 7B44F 1/10**  
[25] EN  
[54] **A CERAMIC TILE PROVIDED WITH A DECOR**  
[54] **CARREAU DE CERAMIQUE A DECOR**  
[72] SORM, MICHAL, CZ  
[71] 3 DTS, A.S., CZ  
[85] 2001-09-21  
[86] 2000-03-24 (PCT/CZ2000/000021)  
[87] 2000-09-28 (WO2000/056558)  
[30] CZ (PUV 9169-99) 1999-03-24

[21] **2,367,842**  
[13] A1

[51] **Int.Cl. 7B01D 67/00 7C08G 73/10 7C08J 5/18 7B01D 71/64**  
[25] EN  
[54] **RESIN MATERIAL FOR GAS SEPARATION BASE AND PROCESS FOR PRODUCING THE SAME**  
[54] **MATERIAU RESINE DESTINE A UN SUPPORT DE SEPARATION DE GAZ ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] MANO, HIROSHI, JP  
[72] HARAYA, KENJI, JP  
[72] TACHIKI, AKIRA, JP  
[71] NIPPON STEEL CORPORATION, JP  
[71] RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH, JP  
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2001-09-17  
[86] 2000-03-22 (PCT/JP2000/001751)  
[87] 2000-09-28 (WO2000/056430)  
[30] JP (11/77994) 1999-03-23

[21] **2,367,843**  
[13] A1

[51] **Int.Cl. 7B30B 9/30 7B30B 15/30 7B30B 15/32**  
[25] EN  
[54] **PRESSING ASSEMBLY AND METHOD OF LOADING A PRESS**  
[54] **UNITE DE COMPRESSION ET PROCEDE POUR CHARGER UNE PRESSE**  
[72] TONER, MICHAEL, NZ  
[71] GRM DISTRIBUTORS LIMITED, NZ  
[85] 2001-09-18  
[86] 2000-03-23 (PCT/NZ2000/000036)  
[87] 2000-09-28 (WO2000/056532)  
[30] NZ (334791) 1999-03-23

## Demandes PCT entrant en phase nationale

[21] **2,367,845**  
[13] A1

[51] **Int.Cl. 6B01F 7/26**  
[25] EN  
[54] **MIXING AND AGITATING MACHINE**  
[54] **MACHINE A MELANGER ET A AGITER**  
[72] HIROOKA, YUICHI, JP  
[72] MIURA, SATORU, JP  
[71] YOSHINO GYPSUM CO., LTD., JP  
[85] 2001-09-18  
[86] 1999-05-31 (PCT/JP1999/002872)  
[87] 2000-09-28 (WO2000/056435)  
[30] JP (11/76848) 1999-03-19

[21] **2,367,848**  
[13] A1

[51] **Int.Cl. 7B01J 37/34 7C25D 5/18 7H01M 4/88 7B01D 53/94**  
[25] EN  
[54] **METHOD FOR PRODUCING A CATALYST**  
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR**  
[72] BERGINGER, ANDREAS, DE  
[72] DAHLHOFF, ELLEN, DE  
[72] STAB, GABRIELE, DE  
[72] SCHNEIDER, MARTIN, DE  
[72] HOLDERLICH, WOLFGANG, DE  
[72] BRITZ, PETER, DE  
[72] URBAN, PETER, DE  
[71] DAIMLERCHRYSLER AG, DE  
[85] 2001-09-18  
[86] 2000-03-04 (PCT/EP2000/001914)  
[87] 2000-09-28 (WO2000/056452)  
[30] DE (199 12 896.0) 1999-03-23

[21] **2,367,850**  
[13] A1

[51] **Int.Cl. 7A61J 3/10**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE COMPRIMES PHARMACEUTIQUES PAR COMPRESSION**  
[54] **METHOD FOR MAKING PHARMACEUTICAL TABLETS BY COMPRESSION**  
[72] RODRIGUEZ, FERNAND, FR  
[72] BAEZA, RICHARD, FR  
[72] TORTOSA, FLORENCE, FR  
[72] ARSEGUEL, DIDIER, FR  
[71] TALC DE LUZENAC, FR  
[85] 2001-09-12  
[86] 2000-03-14 (PCT/FR2000/000609)  
[87] 2000-09-21 (WO2000/054725)  
[30] FR (99/03230) 1999-03-16

[21] **2,367,857**  
[13] A1

[51] **Int.Cl. 7C07B 61/00 7A61K 31/00 7A61P 35/02 7C07C 335/12 7C07C 275/24 7G01N 33/50**  
[25] EN  
[54] **THIOUREA AND UREA LIQUID-PHASE COMBINATORIAL LIBRARIES: SYNTHESIS AND APOPTOSIS INDUCTION**  
[54] **BANQUES COMBINATOIRES EN PHASE LIQUIDE DE THIO-UREE ET D'UREE: SYNTHESE ET INDUCTION DE L'APOPTOSE**  
[72] ZHU, ZHAOHAI, US  
[72] UCKUN, FATIH M., US  
[72] NARLA, RAMA K., US  
[72] MAO, CHEN, US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2001-09-12  
[86] 2000-03-18 (PCT/US2000/006989)  
[87] 2000-09-28 (WO2000/056681)  
[30] US (60/125,146) 1999-03-19

[21] **2,367,861**  
[13] A1

[51] **Int.Cl. 7C07D 239/94 7A61P 35/00 7A61K 31/517**  
[25] EN  
[54] **QUINAZOLINES AND THERAPEUTIC USE THEREOF**  
[54] **QUINAZOLINES ET LEUR UTILISATION THERAPEUTIQUE**  
[72] UCKUN, FATIH M., US  
[72] NARLA, RAMA K., US  
[72] LIU, XING-PING, US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2001-09-12  
[86] 2000-03-16 (PCT/US2000/006902)  
[87] 2000-09-28 (WO2000/056720)  
[30] US (60/125,177) 1999-03-19  
[30] US (60/125,145) 1999-03-19  
[30] US (60/125,338) 1999-03-19  
[30] US (09/357,404) 1999-07-20

[21] **2,367,862**  
[13] A1

[51] **Int.Cl. 7C07C 323/59 7A61P 25/00 7C07D 271/06 7A61K 31/198 7C07D 239/34**  
[25] EN  
[54] **GAMMA-KETOACID DIPEPTIDES AS INHIBITORS OF CASPASE-3**  
[54] **DIPEPTIDES DE GAMMA-CETOACIDES AGISSANT EN TANT QU'INHIBITEURS DE CASPASE-3**  
[72] BLACK, CAMERON, CA  
[72] ZAMBONI, ROBERT, CA  
[72] GRIMM, ERICH, CA  
[72] MCKAY, DANIEL, CA  
[72] BAYLY, CHRISTOPHER, CA  
[72] GIROUX, ANDRE, CA  
[72] PRASIT, PETPIBOON, CA  
[72] HAN, YONGXIN, CA  
[72] FRANCOEUR, SEBASTIEN, CA  
[72] ASPIOTIS, RENEE, CA  
[71] MERCK FROSST CANADA & CO., CA  
[85] 2001-09-12  
[86] 2000-03-13 (PCT/CA2000/000272)  
[87] 2000-09-21 (WO2000/055127)  
[30] US (60/124,622) 1999-03-16

[21] **2,367,865**  
[13] A1

[51] **Int.Cl. 7B62B 3/02**  
[25] EN  
[54] **COLLAPSIBLE COMPACT CART WITH PIVOTING WHEEL CONSTRUCTION**  
[54] **CHARIOT COMPACT PLIANT POURVU DE STRUCTURE DE ROUE PIVOTANTE**  
[72] SHAPIRO, RICHARD N., US  
[71] SHAPIRO, RICHARD N., US  
[85] 2001-09-17  
[86] 2000-03-14 (PCT/US2000/006519)  
[87] 2000-09-21 (WO2000/055025)  
[30] US (09/271,274) 1999-03-17

## PCT Applications Entering the National Phase

---

[21] **2,367,866**  
[13] A1  
[51] **Int.Cl. 7C07D 495/04 7C07D 221/00 7C07D 239/00 7C07D 277/00 7C07D 331/00 7A61P 29/00 7C07D 471/04 7C07D 513/04 7C07D 475/06 7A61K 31/33 7C07D 473/34**  
[25] EN  
[54] **PYRIDINE AND PYRIMIDINE DERIVATIVES AND THEIR USE AS INHIBITORS OF CYTOKINE MEDIATED DISEASE**  
[54] **DERIVES DE PYRIDINE ET DE PYRIMIDINE ET LEUR UTILISATION COMME INHIBITEURS DE MALADIES ASSOCIEES A LA CYTOKINE**  
[72] CUMMING, JOHN GRAHAM, GB  
[71] ASTRAZENECA AB, SE  
[85] 2001-09-12  
[86] 2000-03-17 (PCT/GB2000/001006)  
[87] 2000-09-28 (WO2000/056738)  
[30] GB (9906566.6) 1999-03-23

---

[21] **2,367,867**  
[13] A1  
[51] **Int.Cl. 7C07D 301/32**  
[25] EN  
[54] **PROCESS FOR THE PURIFICATION OF PROPYLENE OXIDE**  
[54] **PROCEDE DE PURIFICATION D'OXYDE DE PROPYLENE**  
[72] BLOM, JOHANNES JOZIAS, NL  
[72] BECKERS, JOHANNES GERHARDUS JOSEPH, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-09-12  
[86] 2000-03-14 (PCT/EP2000/002272)  
[87] 2000-09-21 (WO2000/055148)  
[30] EP (99200810.2) 1999-03-16

---

[21] **2,367,868**  
[13] A1  
[51] **Int.Cl. 7C09B 11/24 7C07H 21/00 7C07D 221/12 7C12Q 1/68**  
[25] EN  
[54] **4,7-DICHLORORHODAMINE DYES USEFUL AS MOLECULAR PROBES**  
[54] **COLORANTS 4,7-DICHLORORHODAMINE UTILISES COMME SONDES MOLECULAIRES**  
[72] SPURGEON, SANDRA L., US  
[72] ROSENBLUM, BARNETT B., US  
[72] LEE, LINDA G., US  
[72] GRAHAM, RONALD J., US  
[72] BENSON, SCOTT C., US  
[71] PE CORPORATION (NY), US  
[85] 2001-09-12  
[86] 2000-03-24 (PCT/US2000/008003)  
[87] 2000-10-05 (WO2000/058406)  
[30] US (09/277,793) 1999-03-27

---

[21] **2,367,869**  
[13] A1  
[51] **Int.Cl. 7C09K 21/14 7C09K 3/10**  
[25] EN  
[54] **INTUMESCENT FIRE SEALING COMPOSITION**  
[54] **COMPOSITION D'ETANCHEITE INTUMESCENTE**  
[72] WELNA, WALTON W., US  
[72] BUCKINGHAM, MARK R., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-09-12  
[86] 1999-07-23 (PCT/US1999/016795)  
[87] 2000-10-05 (WO2000/058419)  
[30] US (09/277,312) 1999-03-26

---

[21] **2,367,870**  
[13] A1  
[51] **Int.Cl. 7B32B 9/00**  
[25] EN  
[54] **PROCESS FOR DIRECT DIGITAL PRINTING OF CIRCUIT BOARDS**  
[54] **PROCEDE D'IMPRESION NUMERIQUE DIRECTE DE CARTES DE CIRCUITS**  
[72] FIGOV, MURRAY, IL  
[71] CREOSCITEX CORPORATION LTD., IL  
[85] 2001-09-12  
[86] 2000-03-09 (PCT/IL2000/000143)  
[87] 2000-10-12 (WO2000/059717)  
[30] IL (129307) 1999-04-04

---

[21] **2,367,871**  
[13] A1  
[51] **Int.Cl. 7B68G 9/00 7A47C 27/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANUFACTURING INNERSPRING ASSEMBLIES**  
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'ENSEMBLES A RESSORTS**  
[72] WHITWORTH, IAN JAMES, GB  
[71] SPRINGFORM TECHNOLOGY LIMITED, GB  
[85] 2001-09-17  
[86] 2000-03-13 (PCT/GB2000/000917)  
[87] 2000-09-21 (WO2000/055088)  
[30] GB (9905964.4) 1999-03-17

---

[21] **2,367,875**  
[13] A1  
[51] **Int.Cl. 7A61K 7/48 7A61K 7/42**  
[25] EN  
[54] **USE OF NANOSCALAR WATER-SOLUBLE .BETA.-(1,3) GLUCANS**  
[54] **UTILISATION DE .BETA.-(1,3)-GLUCANES NANOMETRIQUES HYDROSOLUBLES**  
[72] ENGSTAD, ROLF E., NO  
[72] FABRY, BERND, DE  
[72] KROPF, CHRISTIAN, DE  
[72] GRIESBACH, UTE, DE  
[71] BIOTEC ASA, NO  
[85] 2001-09-10  
[86] 2000-03-03 (PCT/EP2000/001829)  
[87] 2000-09-21 (WO2000/054741)  
[30] DE (199 11 058.1) 1999-03-12

---

[21] **2,367,880**  
[13] A1  
[51] **Int.Cl. 7H04N 1/32**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR GENERATING MULTIPLE WATERMARKED COPIES OF AN INFORMATION SIGNAL**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE GENERER DES COPIES MULTIPLES FILIGRANEES D'UN SIGNAL DE DONNEES**  
[72] PERKINS, COLIN, GB  
[72] BROWN, IAN, GB  
[72] CROWCRAFT, JON, GB  
[71] UNIVERSITY COLLEGE LONDON, GB  
[85] 2001-09-11  
[86] 2000-03-03 (PCT/GB2000/000767)  
[87] 2000-09-21 (WO2000/056059)  
[30] GB (9905777.0) 1999-03-12

## Demandes PCT entrant en phase nationale

---

[21] **2,367,882**  
[13] A1  
[51] **Int.Cl. 7C07K 7/06 7A61K 38/08**  
**7C07K 7/08 7A61P 19/08 7A61K 38/10**  
**7A61P 19/10 7A61K 38/22 7C07K 14/575**  
[25] EN  
[54] **TREATMENT OF BONE**  
**DISORDERS WITH**  
**ADRENOMEDULLIN OR**  
**ADRENOMEDULLIN AGONISTS**  
[54] **TRAITEMENT DE TROUBLES**  
**OSSEUX A BASE**  
**D'ADRENOMEDULLINE OU**  
**D'AGONISTES DE**  
**L'ADRENOMEDULLINE**  
[72] REID, IAN REGINALD, NZ  
[72] CORNISH, JILLIAN, NZ  
[72] COOPER, GARTH JAMES SMITH, NZ  
[71] AUCKLAND UNISERVICES  
LIMITED, NZ  
[85] 2001-09-19  
[86] 2000-03-29 (PCT/NZ2000/000038)  
[87] 2000-10-05 (WO2000/058348)  
[30] US (09/280,501) 1999-03-30

---

[21] **2,367,888**  
[13] A1  
[51] **Int.Cl. 6A61K 35/78**  
[25] EN  
[54] **HERBAL COMPOSITION AND**  
**MEDICAMENT AGAINST DIABETES**  
**MELLITUS TYPE II MANUFACTURED**  
**THEREOF**  
[54] **COMPOSITION A BASE D'HERBES**  
**ET MEDICAMENT CONTRE LE**  
**DIABETE SUCRE DE TYPE II**  
**FABRIQUE A PARTIR DE CETTE**  
**COMPOSITION**  
[72] LEKO, VLADIMIR, HR  
[71] LEKO, VLADIMIR, HR  
[85] 2001-09-12  
[86] 1999-04-22 (PCT/HR1999/000008)  
[87] 1999-11-04 (WO1999/055351)  
[30] HR (P990080A) 1999-03-12

---

---

[21] **2,367,892**  
[13] A1  
[51] **Int.Cl. 7G06F 1/26 7G06F 13/40**  
[25] EN  
[54] **ADD-ON CARD WITH**  
**AUTOMATIC BUS POWER LINE**  
**SELECTION CIRCUIT**  
[54] **CARTE DE CONNEXION AVEC**  
**CIRCUIT DE SELECTION**  
**AUTOMATIQUE DE BUS DE LIGNE**  
**D'ENERGIE ELECTRIQUE**  
[72] CRAVEN, MARK L., US  
[72] TRAN, HENRY, US  
[72] ALSTON, JERALD K., US  
[71] QLOGIC CORPORATION, US  
[85] 2001-09-19  
[86] 2000-03-29 (PCT/US2000/008549)  
[87] 2000-10-05 (WO2000/058815)  
[30] US (09/281,369) 1999-03-30

---

[21] **2,367,893**  
[13] A1  
[51] **Int.Cl. 7B01J 37/34 7H01M 4/92**  
**7B01D 53/94**  
[25] EN  
[54] **METHOD FOR PRODUCING A**  
**CATALYST BY MEANS OF**  
**ELECTRODEPOSITION**  
[54] **PROCEDE DE PRODUCTION D'UN**  
**CATALYSEUR PAR DEPOT**  
**ELECTROCHIMIQUE**  
[72] URBAN, PETER, DE  
[72] STAB, GABRIELE, DE  
[72] TOTH, GABOR, DE  
[72] BIEGERT, HUBERTUS, DE  
[71] DAIMLERCHRYSLER AG, DE  
[85] 2001-09-21  
[86] 2000-03-14 (PCT/EP2000/002247)  
[87] 2000-09-28 (WO2000/056453)  
[30] DE (199 12 897.9) 1999-03-23

---

---

[21] **2,367,895**  
[13] A1  
[51] **Int.Cl. 7C07D 217/18 7A61P 35/00**  
**7C07D 217/04 7C07D 401/04 7C07D 405/**  
**04 7C07D 401/06 7C07D 401/12 7C07D**  
**223/16 7C07D 217/20 7C07D 209/44**  
**7A61K 31/472**  
[25] EN  
[54] **COMPOUNDS AND METHODS**  
**FOR MODULATION OF ESTROGEN**  
**RECEPTORS**  
[54] **COMPOSES ET TECHNIQUES DE**  
**MODULATION DES RECEPTEURS DES**  
**OESTROGENES**  
[72] BHAGWAT, SHRIPAD S., US  
[72] CHAO, QI, US  
[72] RICE, KEN, US  
[72] GAYO, LEAH-FUNG M., US  
[72] GANGLOFF, ANTHONY, US  
[72] MCKIE, JEFFREY, US  
[72] STEIN, BERND, US  
[71] SIGNAL PHARMACEUTICALS, INC.,  
US  
[71] AXYS PHARMACEUTICALS, INC.,  
US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007109)  
[87] 2000-09-21 (WO2000/055137)  
[30] US (60/240,909) 1999-03-17

---

[21] **2,367,897**  
[13] A1  
[51] **Int.Cl. 7C07C 209/62**  
[25] EN  
[54] **METHOD FOR HYDROLYZING**  
**OPTICALLY ACTIVE AMIDES**  
[54] **PROCEDE PERMETTANT**  
**D'HYDROLYSER DES AMIDES**  
**OPTIQUEMENT ACTIFS**  
[72] DITRICH, KLAUS, DE  
[72] MELDER, JOHANN-PETER, DE  
[72] LADNER, WOLFGANG, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-09-13  
[86] 2000-03-17 (PCT/EP2000/002380)  
[87] 2000-09-28 (WO2000/056699)  
[30] DE (199 13 256.9) 1999-03-24

---

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,367,900</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22F 7/06 7B23P 15/30</b> [25] EN [54] <b>METHOD FOR MANUFACTURING A MILLING DISC AND MILLING DISC MANUFACTURED ACCORDING TO THE METHOD</b> [54] <b>PROCEDE POUR PRODUIRE UN DISQUE DE FRAISE, ET DISQUE DE FRAISE AINSI OBTENU</b> [72] KURZ, GUIDO, DE [72] KONIG, HERBERT, DE [72] BROGHAMMER, THOMAS, DE [71] KARL SIMON GMBH &amp; CO. KG, DE [85] 2001-09-17 [86] 2000-01-22 (PCT/EP2000/000476) [87] 2000-09-28 (WO2000/056487) [30] DE (199 12 721.2) 1999-03-20</p>	<p style="text-align: center;">[21] <b>2,367,902</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60F 1/04</b> [25] EN [54] <b>A COUPLING ARRANGEMENT FOR A TRAIN OF HIGHWAY TRAILERS</b> [54] <b>ENSEMBLE DE RACCORDEMENT POUR TRAIN DE REMORQUES ROUTIERES</b> [72] BLUTE, TERENCE STANLEY, AU [72] TAPPERT, JANN MICHAEL, AU [72] GILSMORE, PETER WAYNE, AU [71] AIR-RIDE (S.A.) PTY LTD., AU [85] 2001-09-14 [86] 2000-03-16 (PCT/AU2000/000205) [87] 2000-09-21 (WO2000/054995) [30] AU (PP 9232) 1999-03-16</p>	<p style="text-align: center;">[21] <b>2,367,907</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22F 1/00 7C22C 1/04 7B22F 9/04</b> [25] EN [54] <b>MAKING NIOBIUM AND OTHER METAL POWDERS BY MILLING</b> [54] <b>FABRICATION PAR BROYAGE DE POUDRES DE NIOBIUM ET D'AUTRES METAUX</b> [72] HABECKER, KURT A., US [72] FIFE, JAMES A., US [71] CABOT CORPORATION, US [85] 2001-09-18 [86] 2000-03-16 (PCT/US2000/007051) [87] 2000-09-28 (WO2000/056486) [30] US (60/125,135) 1999-03-19 [30] US (60/184,409) 2000-02-23</p>
<p style="text-align: center;">[21] <b>2,367,901</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 16/18 7A61K 38/04 7C07K 7/04 7C12N 5/12 7C12N 15/13 7C12N 5/16 7C07K 16/28 7A61K 39/395 7G01N 33/574 7C12N 15/63</b> [25] EN [54] <b>MONOCLONAL ANTIBODIES, ANTIGENS AND DIAGNOSIS AND THERAPY OF MALIGNANT DISEASES</b> [54] <b>ANTICORPS MONOCLONAUX, ANTIGENES ET DIAGNOSTIC ET TRAITEMENT D'AFFECTIONS MALIGNES</b> [72] HARDY, BRITTA, IL [72] NOVOGRODSKY, ABRAHAM, IL [71] MOR-RESEARCH APPLICATIONS LTD., IL [85] 2001-09-12 [86] 1999-09-30 (PCT/IL1999/000518) [87] 2000-10-05 (WO2000/058363) [30] IL (129299) 1999-03-31</p>	<p style="text-align: center;">[21] <b>2,367,904</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/06 7C12Q 1/34 7C12Q 1/42 7C12Q 1/48</b> [25] EN [54] <b>ENZYMATIC FLUORIMETRIC ASSAY OF CAMP AND ADENYLATE CYCLASE</b> [54] <b>DOSAGE FLUORIMETRIQUE ENZYMATIQUE DE CAMP ET DE L'ADENYLATE CYCLASE</b> [72] SUGIYAMA, ATSUSHI, JP [71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP [85] 2001-09-12 [86] 2000-03-13 (PCT/JP2000/001494) [87] 2000-09-21 (WO2000/055356) [30] JP (11/73690) 1999-03-18</p>	<p style="text-align: center;">[21] <b>2,367,909</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/23 7A61P 29/00 7A61K 31/557</b> [25] EN [54] <b>USE OF LIPOXIN COMPOUNDS FOR INHIBITING OF TNF-(ALFA) INITIATED NEUTROPHIL RESPONSE</b> [54] <b>UTILISATION DE COMPOSES DE LIPOXINE AFIN D'INHIBER LA REPOSE DE NEUTROPHILE INDUITE PAR TNF.ALPHA.</b> [72] SERHAN, CHARLES N., US [71] BRIGHAM AND WOMEN'S HOSPITAL, US [85] 2001-09-14 [86] 2000-03-14 (PCT/US2000/006582) [87] 2000-09-21 (WO2000/054767) [30] US (60/125,205) 1999-03-18</p>
<p style="text-align: center;">[21] <b>2,367,905</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 1/00 7H04J 3/00 7H04Q 11/00 7H04J 3/02 7H04Q 11/04 7H04J 3/08 7H04J 3/12 7H04J 3/14 7H04J 1/16</b> [25] EN [54] <b>VIRTUAL PATH RING PROTECTION METHOD AND APPARATUS</b> [54] <b>PROCEDE ET APPAREIL DE PROTECTION EN ANNEAU DE TRAJET VIRTUEL</b> [72] CHAN, ERIC L., US [72] HELFRICH, ANDY D., US [72] KORNHAUS, LELAND M., US [71] TELLABS OPERATIONS, INC., US [85] 2001-09-14 [86] 2000-03-14 (PCT/US2000/006564) [87] 2000-09-21 (WO2000/055997) [30] US (09/268,174) 1999-03-15</p>	<p style="text-align: center;">[21] <b>2,367,911</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/36 7C02F 1/48</b> [25] EN [54] <b>METHOD AND APPARATUS FOR TREATMENT OF ORGANIC MATTER-CONTAINING WASTEWATER</b> [54] <b>PROCEDE ET APPAREIL DE TRAITEMENT D'EAUX USEES CONTENANT DES MATIERES ORGANIQUES</b> [72] MAEKAWA, TAKAAKI, JP [71] TSUKUBA BIOSYSTEM, LTD., JP [85] 2001-09-12 [86] 2000-03-03 (PCT/JP2000/001305) [87] 2000-09-21 (WO2000/055097) [30] JP (11/68862) 1999-03-15</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,367,912</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01L 3/00</b> [25] EN [54] <b>MULTI-THROUGH HOLE TESTING PLATE FOR HIGH THROUGHPUT SCREENING</b> [54] <b>PLAQUE D'ESSAIS A TROUS TRAVERSANTS MULTIPLES POUR CRIBLAGE A HAUT DEBIT</b> [72] SCHELLENBERGER, VOLKER, US [72] LIU, AMY DEMING, US [71] GENENCOR INTERNATIONAL, INC., US [85] 2001-09-18 [86] 2000-03-17 (PCT/US2000/007140) [87] 2000-09-28 (WO2000/056456) [30] US (09/272,122) 1999-03-19 [30] US (09/471,852) 1999-12-23</p>	<p style="text-align: right;">[21] <b>2,367,916</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 15/12 7C07C 25/02 7C07C 235/02 7C07D 207/02 7C07D 231/02 7C07D 261/02 7C07D 263/02 7C07D 275/02 7C07D 277/02 7C07D 307/02 7C07D 261/06 7C07D 261/08 7C07D 231/10 7C07D 261/10 7C07D 407/10 7C07D 409/10 7C07D 413/10 7C07D 417/10 7C07D 231/12 7C07D 407/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7C07C 15/14 7C07D 231/14 7C07D 261/14 7C07C 311/15 7C07D 231/16 7C07D 261/16 7C07D 231/18 7C07C 311/20 7C07D 277/20 7C07D 277/22 7C07D 231/24 7C07D 277/24 7C07D 277/26 7C07D 277/28 7C07D 263/30 7C07D 207/32 7C07D 263/32 7C07D 207/34 7C07D 307/34 7C07C 303/36 7C07D 207/36 7C07D 307/36 7C07C 303/38 7C07D 231/38 7C07D 307/38 7C07C 235/42 7C07D 207/42 7C07D 231/42 7C07D 231/44 7C07C 235/48 7C07D 231/52 7C07D 233/54 7C07D 233/56 7C07D 233/60 7C07D 233/61 7C07C 309/63 7C07C 233/64 7C07C 309/64 7C07C 233/65 7C07C 309/65 7C07D 233/66 7C07C 233/68 7C07C 309/72 7C07C 233/73 7C07C 309/73 7C07D 233/78 7C07D 233/80 7C07D 233/84 7C07D 233/86 7C07D 233/91</b> [25] EN [54] <b>METHODS FOR THE PREPARATION OF BIPHENYL ISOXAZOLE SULFONAMIDES</b> [54] <b>PROCEDES POUR LA PREPARATION DE DIPHENYLISOXAZOLESULFONAMIDES</b> [72] GROSSO, JOHN A., US [72] DELANEY, EDWARD J., US [72] CHEN, CHIEN-KUANG, US [72] THOTTATHIL, JOHN K., US [72] WANG, XUEBAO, US [72] SINGH, AMBARISH, US [72] POLNIASZEK, RICHARD P., US [71] BRISTOL-MYERS SQUIBB COMPANY, US [85] 2001-09-19 [86] 2000-03-02 (PCT/US2000/005521) [87] 2000-09-28 (WO2000/056685) [30] US (60/125,148) 1999-03-19</p>	<p style="text-align: right;">[21] <b>2,367,920</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 251/18 7C07D 403/12 7C07D 405/12 7A01N 43/68</b> [25] EN [54] <b>2,4-DIAMINO-1,3,5-TRIAZINES, PROCESSES FOR THEIR PREPARATION AND THEIR USE AS HERBICIDES AND PLANT GROWTH REGULATORS</b> [54] <b>2,4-DIAMINO-1,3,5-TRIAZINES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION COMME HERBICIDES ET REGULATEURS DE LA CROISSANCE DES PLANTES</b> [72] HOLLANDER, JENS, DE [72] ROSINGER, CHRISTOPHER, DE [72] AULER, THOMAS, DE [72] WILLMS, LOTHAR, DE [72] BIERINGER, HERMANN, DE [72] THURWACHTER, FELIX, DE [72] GIENCKE, WOLFGANG, DE [72] ZINDEL, JURGEN, DE [71] AVENTIS CROPS SCIENCE GMBH, DE [85] 2001-09-19 [86] 2000-03-13 (PCT/EP2000/002204) [87] 2000-09-28 (WO2000/056722) [30] DE (199 12 637.2) 1999-03-20</p>
<p style="text-align: right;">[21] <b>2,367,914</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>UTILIZING A LEVERAGED PASSIVE COMMODITY INDEX PORTFOLIO TO DIVERSIFY A BASE PORTFOLIO</b> [54] <b>INSTRUMENT D'INVESTISSEMENT UNITAIRE COMPORTANT DES ACTIFS INTERDEPENDANTS</b> [72] SPERANDEO, VICTOR A., US [71] SPERANDEO, VICTOR A., US [85] 2001-09-12 [86] 2000-03-10 (PCT/US2000/006825) [87] 2000-09-14 (WO2000/054226) [30] US (09/267,186) 1999-03-12</p>	<p style="text-align: right;">[21] <b>2,367,921</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 487/04 7A61K 31/395 7A01N 43/713</b> [25] EN [54] <b>BICYCLIC HETEROCYCLES, PROCESSES FOR THEIR PREPARATION AND THEIR USE AS HERBICIDES AND PHARMACEUTICAL AGENTS</b> [54] <b>HETEROCYCLES BICYCLIQUES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION COMME HERBICIDES ET PRODUITS PHARMACEUTIQUES</b> [72] ROSINGER, CHRISTOPHER, DE [72] DUDFIELD, PHILIP, GB [72] BOJACK, GUIDO, DE [72] EARNSHAW, CHRISTOPHER, GB [72] LINDELL, STEPHEN, DE [71] AVENTIS CROPS SCIENCE GMBH, DE [85] 2001-09-19 [86] 2000-03-13 (PCT/EP2000/002206) [87] 2000-09-28 (WO2000/056734) [30] DE (199 12 636.4) 1999-03-20</p>	

## PCT Applications Entering the National Phase

---

[21] **2,367,925**  
[13] A1  
[51] **Int.Cl. 7B01J 19/00 7G01N 33/543 7C12Q 1/68**  
[25] EN  
[54] **SELF ASSEMBLING ARRAYS**  
[54] **RESEAUX AUTO-ASSEMBLES**  
[72] MONTGOMERY, DONALD D., US  
[71] COMBIMATRIX CORPORATION, US  
[85] 2001-09-11  
[86] 2000-03-10 (PCT/US2000/006675)  
[87] 2000-09-14 (WO2000/053311)  
[30] US (60/123,894) 1999-03-11

---

[21] **2,367,934**  
[13] A1  
[51] **Int.Cl. 7B24C 5/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FLUID JET FORMATION**  
[54] **PROCEDE ET APPAREIL POUR LA FORMATION D'UN JET DE FLUIDE**  
[72] SCIULLI, FELICE M., US  
[72] BABA, YASUO, JP  
[72] CRAIGEN, STEVEN J., US  
[72] HASHISH, MOHAMED A., US  
[71] FLOW INTERNATIONAL CORPORATION, US  
[85] 2001-09-19  
[86] 2000-03-08 (PCT/US2000/006352)  
[87] 2000-09-28 (WO2000/056466)  
[30] US (09/275,520) 1999-03-24

---

[21] **2,367,940**  
[13] A1  
[51] **Int.Cl. 7C11D 3/48 7A01N 63/00 7A01N 33/12 7C11D 3/38 7C11D 1/62 7C11D 1/835**  
[25] EN  
[54] **AQUEOUS DISINFECTANT AND HARD SURFACE CLEANING COMPOSITION AND METHOD OF USE**  
[54] **COMPOSITION DESINFECTANTE AQUEUSE DE NETTOYAGE DE SURFACE DURE ET SON PROCEDE D'UTILISATION**  
[72] COOK, RONALD THOMAS, US  
[72] SCHALITZ, WILLIAM JOHN, US  
[72] WELCH, JASON J., US  
[71] SPARTAN CHEMICAL COMPANY, INC, US  
[85] 2001-09-07  
[86] 2000-03-29 (PCT/US2000/008312)  
[87] 2000-10-26 (WO2000/063338)  
[30] US (09/293,243) 1999-04-16  
[30] US (09/453,351) 1999-12-01

---

[21] **2,367,943**  
[13] A1  
[51] **Int.Cl. 7A61K 38/17**  
[25] EN  
[54] **THERAPEUTIC USES OF BPI PROTEIN PRODUCTS IN BPI-DEFICIENT HUMANS**  
[54] **UTILISATIONS THERAPEUTIQUES DE PRODUITS PROTEIQUES BPI CHEZ DES INDIVIDUS ATTEINTS D'UNE DEFICIENCE EN BPI**  
[72] LEVY, OFER, US  
[71] XOMA TECHNOLOGY LTD., US  
[85] 2001-10-01  
[86] 2000-04-03 (PCT/US2000/008864)  
[87] 2000-10-12 (WO2000/059531)  
[30] US (09/285,124) 1999-04-01

---

[21] **2,367,945**  
[13] A1  
[51] **Int.Cl. 7A63C 9/08**  
[25] EN  
[54] **BINDING SYSTEM FOR A SNOW BOARD**  
[54] **SYSTEME DE FIXATIONS POUR SURF DES NEIGES**  
[72] SCALLION, DAVID, AU  
[72] MURPHY, STEPHEN, AU  
[71] POWDER DESIGN PTY. LTD., AU  
[85] 2001-09-13  
[86] 2000-03-30 (PCT/AU2000/000271)  
[87] 2000-10-12 (WO2000/059588)  
[30] AU (PP 9543) 1999-03-30

---

[21] **2,367,955**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 31/00 7A61K 48/00 7C12N 15/00 7A01K 67/027 7C12N 5/10 7C12N 15/11 7A61K 38/17 7A61K 38/45 7G01N 33/68 7C12Q 1/68 7A61K 31/70 7C07K 14/705**  
[25] EN  
[54] **ABC1 POLYPEPTIDE AND METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS**  
[54] **METHODES ET REACTIFS PERMETTANT DE MODULER LES TAUX DE CHOLESTEROL**  
[72] BROOKS-WILSON, ANGELA R., CA  
[72] HAYDEN, MICHAEL R., B1  
[72] PIMSTONE, SIMON N., CA  
[71] XENON GENETICS INC., CA  
[71] UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2001-09-13  
[86] 2000-03-15 (PCT/IB2000/000532)  
[87] 2000-09-21 (WO2000/055318)  
[30] US (60/124,702) 1999-03-15  
[30] US (60/138,048) 1999-06-08  
[30] US (60/139,600) 1999-06-17  
[30] US (60/151,977) 1999-09-01

---

[21] **2,367,961**  
[13] A1  
[51] **Int.Cl. 7E03B 3/04 7A01K 79/02 7E02B 9/04**  
[25] EN  
[54] **FISH PROTECTIVE WATER EXTRACTION METHOD AND APPARATUS**  
[54] **PROCEDE ET DISPOSITIF D'EXTRACTION D'EAU PROTEGEANT LES POISSONS**  
[72] HALL, COLIN VICTOR, CA  
[72] SMITH, RODNEY ELLIOTT, CA  
[71] BALATON POWER CORPORATION S.A, CA  
[85] 2001-09-12  
[86] 2000-03-17 (PCT/CA2000/000295)  
[87] 2000-09-28 (WO2000/056986)  
[30] US (60/124,986) 1999-03-18

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,367,970</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 7/185 7G09B 27/08</b> [25] EN [54] <b>METHOD FOR DETERMINING IF THE LOCATION OF A WIRELESS COMMUNICATION DEVICE IS WITHIN A SPECIFIED AREA</b> [54] <b>PROCEDE PERMETTANT DE DETERMINER SI L'EMPLACEMENT D'UN DISPOSITIF DE COMMUNICATION RADIO SE TROUVE DANS UNE ZONE SPECIFIQUE</b> [72] WAGER, GARRICK T., US [72] FITCH, JAMES A., US [71] SIGNALSOFT CORP., US [85] 2001-08-14 [86] 2000-02-25 (PCT/US2000/004788) [87] 2000-08-31 (WO2000/051267) [30] US (09/258,228) 1999-02-26</p>	<p style="text-align: center;">[21] <b>2,367,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65H 18/20 7B65H 19/26 7B65H 19/28 7B65H 19/29</b> [25] EN [54] <b>CONTINUOUS WINDER AND METHOD OF WINDING SLIT ROLLS OF LARGE DIAMETER ON SMALL DIAMETER CORES</b> [54] <b>BOBINOIR CONTINU ET PROCEDE DE BOBINAGE DE ROULEAUX DE REFENTE DE GRAND DIAMETRE SUR DES MANDRINS DE FAIBLE DIAMETRE</b> [72] SMITH, R. DUANE, US [71] BLACK CLAWSON COMPANY, INC., US [85] 2001-09-13 [86] 2000-03-14 (PCT/US2000/006327) [87] 2000-09-21 (WO2000/055079) [30] US (60/124,649) 1999-03-16</p>	<p style="text-align: center;">[21] <b>2,367,983</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H05K 5/00</b> [25] EN [54] <b>LOW STRESS DIE ATTACHMENT</b> [54] <b>FIXATION DE PUCE A FAIBLE CONTRAINTE</b> [72] GOLDBERG, HOWARD D., US [72] STALNAKER, W. MARC, US [72] MARSH, JAMES L., US [72] SELVAKUMAR, ARJUN, US [72] YU, DULI, US [71] INPUT/OUTPUT, INC., US [85] 2001-09-13 [86] 2000-03-15 (PCT/US2000/006832) [87] 2000-09-21 (WO2000/056132) [30] US (60/125,076) 1999-03-17</p>
<p style="text-align: center;">[21] <b>2,367,973</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 81/32 7A61L 2/20</b> [25] EN [54] <b>STERILIZING AGENT CAPSULE CONTAINER AND STERILIZER USING THE SAME</b> [54] <b>CONTENEUR DE CAPSULES D'AGENT STERILISANT ET STERILISATEUR</b> [72] TAKAHASHI, KATSUMI, JP [72] ORII, KEN, JP [72] FUJII, KEIJI, JP [71] ETHICON, INC., US [85] 2001-09-13 [86] 2000-03-17 (PCT/JP2000/001681) [87] 2000-09-21 (WO2000/055070) [30] JP (11/72506) 1999-03-17 [30] JP (11/72507) 1999-03-17</p>	<p style="text-align: center;">[21] <b>2,367,977</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/16</b> [25] EN [54] <b>DISTRIBUTED DIGITAL RULE PROCESSOR FOR SINGLE SYSTEM IMAGE ON A CLUSTERED NETWORK AND METHOD</b> [54] <b>PROCESSEUR DISTRIBUE DE REGLES NUMERIQUES POUR IMAGE A SYSTEME UNIQUE SUR UN RESEAU GROUPE ET SON PROCEDE</b> [72] HART, EDWARD F., US [71] PASOCS, LLC, US [85] 2001-09-18 [86] 2000-03-17 (PCT/US2000/007102) [87] 2000-09-21 (WO2000/055749) [30] US (09/271,772) 1999-03-18</p>	<p style="text-align: center;">[21] <b>2,367,984</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 47/34 7A01N 63/00 7A01N 53/08 7A01N 43/22 7A01N 47/24 7A01N 47/38 7A01N 47/40 7A01N 37/50 7A01N 37/52 7A01N 43/54 7A01N 43/56</b> [25] EN [54] <b>SYNERGISTIC INSECTICIDAL COMPOSITIONS</b> [54] <b>COMPOSITIONS INSECTICIDES SYNERGIQUES</b> [72] BORYSEWICZ, RAYMOND FRANK, US [72] SCHWINGHAMMER, KURT ALLEN, US [72] TREACY, MICHAEL FRANK, US [72] OLOUMI-SADEGHI, HASSAN, US [72] RENSNER, PAUL ERICH, US [71] AMERICAN CYANAMID COMPANY, US [85] 2001-09-11 [86] 2000-03-07 (PCT/US2000/005879) [87] 2000-09-21 (WO2000/054591) [30] US (60/124,306) 1999-03-12 [30] US (60/158,201) 1999-10-07</p>
<p style="text-align: center;">[21] <b>2,367,982</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/48 7G06F 9/50</b> [25] EN [54] <b>RESOURCE SCHEDULING</b> [54] <b>PLANIFICATION DES RESSOURCES</b> [72] WADDINGTON, DANIEL GILES, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 2001-09-14 [86] 2000-03-03 (PCT/GB2000/000783) [87] 2000-09-21 (WO2000/055732) [30] EP (99301952.0) 1999-03-15 [30] EP (99303936.1) 1999-05-20</p>	<p style="text-align: center;">[21] <b>2,367,986</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G09F 19/16 7G02B 27/22</b> [25] EN [54] <b>APPARATUS FOR DISPLAYING A REAL IMAGE IN SPACE</b> [54] <b>APPAREIL D'AFFICHAGE D'UNE IMAGE REELLE DANS L'ESPACE</b> [72] GREEN, IAN MACDONALD, GB [71] CENTRAL RESEARCH LABORATORIES LIMITED, GB [85] 2001-09-14 [86] 2000-03-17 (PCT/GB2000/000999) [87] 2000-09-21 (WO2000/055834) [30] GB (9906193.9) 1999-03-17</p>	<p style="text-align: center;">[21] <b>2,367,986</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G09F 19/16 7G02B 27/22</b> [25] EN [54] <b>APPARATUS FOR DISPLAYING A REAL IMAGE IN SPACE</b> [54] <b>APPAREIL D'AFFICHAGE D'UNE IMAGE REELLE DANS L'ESPACE</b> [72] GREEN, IAN MACDONALD, GB [71] CENTRAL RESEARCH LABORATORIES LIMITED, GB [85] 2001-09-14 [86] 2000-03-17 (PCT/GB2000/000999) [87] 2000-09-21 (WO2000/055834) [30] GB (9906193.9) 1999-03-17</p>

## PCT Applications Entering the National Phase

[21] **2,367,988**  
[13] A1

[51] **Int.Cl. 7A23G 3/00 7A23P 1/12 7A21C 11/16**  
[25] EN  
[54] **APPARATUS AND METHODS FOR MAKING MULTIPLE, COMPLEXLY PATTERNED EXTRUDATES**  
[54] **APPAREIL ET PROCEDES DE FABRICATION DUNE MULTIPLICITE D'EXTRUDATS DE CONFIGURATION COMPLEXE**  
[72] JARL, THOMAS M., US  
[72] TOLSON, SCOTT A., US  
[72] WEINSTEIN, JAMES N., US  
[72] HUBERG, PETER A., US  
[72] BOREK, JAMES R., US  
[72] ZIETLOW, PHILIP K., US  
[72] VAN LENGERICH, BERNHARD, US  
[71] GENERAL MILLS, INC., US  
[85] 2001-09-14  
[86] 2000-04-19 (PCT/US2000/010681)  
[87] 2000-11-02 (WO2000/064270)  
[30] US (09/298,716) 1999-04-23

[21] **2,367,990**  
[13] A1

[51] **Int.Cl. 7H01M 4/64 7C01B 6/02 7C25C 5/02 7H01M 4/30 7H01M 4/70**  
[25] EN  
[54] **METAL SPONGES FOR RAPID SURFACE-CHEMICAL REACTIONS**  
[54] **EPONGES METALLIQUES POUR REACTIONS CHIMIQUES RAPIDES EN SURFACE**  
[72] SZOZDOWSKI, PAUL, US  
[72] MCGERVEY, DONALD, US  
[72] WELSCH, GERHARD, US  
[71] CASE WESTERN RESERVE UNIVERSITY, US  
[85] 2001-09-14  
[86] 2000-03-15 (PCT/US2000/006724)  
[87] 2000-09-21 (WO2000/055931)  
[30] US (60/124,443) 1999-03-15

[21] **2,367,994**  
[13] A1

[51] **Int.Cl. 7A61F 13/15 7C08J 9/00 7A61L 15/20**  
[25] EN  
[54] **RESILIENT, THREE DIMENSIONAL FILM COMPRISING A COMPOUND INCREASING HYDROPHOBICITY, AND ITS USE IN BACKSHEETS OF ABSORBENT ARTICLES**  
[54] **FILM ELASTIQUE A TROIS DIMENSIONS COMPRENANT UN COMPOSE QUI EN ACCROIT L'HYDROPHOBICITE ET SON UTILISATION DANS DES FEUILLES DE SUPPORT POUR ARTICLES ABSORBANTS**  
[72] CARLUCCI, GIOVANNI, IT  
[72] DI CINTIO, ACHILLE, IT  
[72] VEGLIO, PAOLO, IT  
[72] BONELLI, GUIDO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-09-14  
[86] 2000-03-29 (PCT/IB2000/000372)  
[87] 2000-10-12 (WO2000/059425)  
[30] EP (99106115.1) 1999-04-01

[21] **2,367,995**  
[13] A1

[51] **Int.Cl. 7A61K 47/44 7A61P 3/06 7A61K 31/19 7A61K 31/216 7A61K 31/22 7A61K 9/48**  
[25] EN  
[54] **NOVEL FORMULATIONS COMPRISING LIPID-REGULATING AGENTS**  
[54] **NOUVELLES FORMULES COMPRENANT DES AGENTS DE REGULATION DES LIPIDES**  
[72] PAN, QINGHAI, US  
[72] LIU, RONG (RON), US  
[72] HANSRANI, PAWAN, US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-09-14  
[86] 2000-03-21 (PCT/US2000/007459)  
[87] 2000-10-05 (WO2000/057918)  
[30] US (09/283,356) 1999-03-31

[21] **2,367,998**  
[13] A1

[51] **Int.Cl. 7H04B 7/04 7H01Q 3/26 7H04Q 7/36**  
[25] EN  
[54] **WIRELESS TELECOMMUNICATION SYSTEM, BASE STATION THEREOF AND BEAMFORMING TELECOMMUNICATIONS METHOD**  
[54] **SYSTEME DE TELECOMMUNICATIONS SANS FIL, SA STATION DE BASE, ET PROCEDE DE TELECOMMUNICATIONS PAR MISE EN FORME DE FAISCEAUX**  
[72] ESMAILZADEH, RIAZ, JP  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-09-14  
[86] 2000-03-13 (PCT/JP2000/001502)  
[87] 2000-09-21 (WO2000/055986)  
[30] JP (11/70130) 1999-03-16

[21] **2,367,999**  
[13] A1

[51] **Int.Cl. 7C12N 9/10**  
[25] EN  
[54] **POLYPEPTIDES HAVING BRANCHING ENZYME ACTIVITY AND NUCLEIC ACIDS ENCODING SAME**  
[54] **POLYPEPTIDES POSSEDANT UNE ACTIVITE D'ENZYME RAMIFIANTE ET ACIDES NUCLEIQUES CODANT POUR CES POLYPEPTIDES**  
[72] SHINOHARA, MARI, US  
[71] NOVOZYMES A/S, DK  
[85] 2001-09-14  
[86] 2000-03-29 (PCT/DK2000/000152)  
[87] 2000-10-05 (WO2000/058445)  
[30] DK (PA 1999 00431) 1999-03-29

[21] **2,368,000**  
[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **COMPUTER SECURITY SYSTEM**  
[54] **SYSTEME DE SECURITE INFORMATIQUE**  
[72] BACIC, EUGEN, CA  
[71] TEXAR SOFTWARE CORP., CA  
[85] 2001-09-14  
[86] 2000-03-15 (PCT/CA2000/000276)  
[87] 2000-09-21 (WO2000/056027)  
[30] US (60/124,487) 1999-03-15

## Demandes PCT entrant en phase nationale

[21] **2,368,002**  
[13] A1

[51] **Int.Cl. 7B60C 1/00 7C08K 3/00 7C08L 9/08 7C08F 236/10 7C08F 2/24**  
[25] FR  
[54] **BANDE DE ROULEMENT DE PNEUMATIQUE COMPRENANT UN COPOLYMERESTYRENE/BUTADIENE PREPARE EN EMULSION**  
[54] **TYRE TREAD COMPRISING AN EMULSION STYRENE/BUTADIENE COPOLYMER**  
[72] RAULINE, ROLAND, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[85] 2001-09-13  
[86] 2001-01-29 (PCT/EP2001/000919)  
[87] 2001-08-09 (WO2001/056813)  
[30] FR (00/01338) 2000-02-02

[21] **2,368,003**  
[13] A1

[51] **Int.Cl. 7B60C 1/00 7C08K 3/00 7C08L 9/08 7C08F 236/10 7C08F 2/24**  
[25] FR  
[54] **BANDE DE ROULEMENT DE PNEUMATIQUE COMPRENANT UN COPOLYMERESTYRENE/BUTADIENE PREPARE EN EMULSION**  
[54] **TYRE TREAD COMPRISING AN EMULSION STYRENE/BUTADIENE COPOLYMER**  
[72] RAULINE, ROLAND, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[85] 2001-09-13  
[86] 2001-01-29 (PCT/EP2001/000918)  
[87] 2001-08-09 (WO2001/056812)  
[30] FR (00/01339) 2000-02-02

[21] **2,368,004**  
[13] A1

[51] **Int.Cl. 7C07C 51/21 7C07C 27/12 7C07C 51/31**  
[25] FR  
[54] **PROCEDE D'OXYDATION D'HYDROCARBURES, D'ALCOOLS ET/OU DE CETONES**  
[54] **HYDROCARBON, ALCOHOL AND/OR KETONE OXIDATION METHOD**  
[72] FACHE, ERIC, FR  
[72] COSTANTINI, MICHEL, FR  
[71] RHODIA POLYAMIDE INTERMEDIATES, FR  
[85] 2001-09-17  
[86] 2000-03-29 (PCT/FR2000/000786)  
[87] 2000-10-12 (WO2000/059858)  
[30] FR (99/04203) 1999-03-30

[21] **2,368,007**  
[13] A1

[51] **Int.Cl. 7G01N 33/50 7G01N 1/28**  
[25] EN  
[54] **COMPOSITION FOR PATIENT SAMPLE PREPARATION**  
[54] **COMPOSITION POUR UNE PREPARATION A BASE D'UN ECHANTILLON PRELEVE SUR UN PATIENT**  
[72] CHAN, RAYMOND, US  
[71] GENZYME CORPORATION, US  
[85] 2001-09-14  
[86] 1999-04-06 (PCT/US1999/007573)  
[87] 2000-10-12 (WO2000/060353)

[21] **2,368,008**  
[13] A1

[51] **Int.Cl. 6B01D 39/08 6B01D 50/00**  
[25] EN  
[54] **FILTER APPARATUS**  
[54] **APPAREIL DE FILTRATION**  
[72] RICHERSON, SHAUN, US  
[72] LAUTENS, FRANCOIS, CH  
[71] ANDREAE FILTERS, INC., US  
[85] 2001-09-14  
[86] 1999-04-16 (PCT/US1999/008457)  
[87] 2000-10-12 (WO2000/059604)  
[30] US (09/283,403) 1999-04-01

[21] **2,368,009**  
[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61P 31/18**  
[25] EN  
[54] **USE OF NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR (MNI) FOR THE TREATMENT OF HIV INFECTION**  
[54] **NNI (INHIBITEURS NON NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE) POUR LE TRAITEMENT DE VIH REBELLES A LA MULTITHERAPIE**  
[72] UCKUN, FATIH M., US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2001-09-14  
[86] 2000-03-16 (PCT/US2000/006806)  
[87] 2000-09-28 (WO2000/056736)  
[30] US (09/272,821) 1999-03-20

[21] **2,368,010**  
[13] A1

[51] **Int.Cl. 7C07F 17/00 7C08F 10/00**  
[25] EN  
[54] **METAL COMPLEXES CONTAINING BRIDGING HETEROATOM FOR OLEFIN-POLYMERIZATION PROCESS**  
[54] **COMPLEXES METALLIQUES CONTENANT UN HETEROATOME DE FORMATION DE PONTS, DESTINE A UN PROCEDE DE POLYMERISATION D'OLEFINES**  
[72] NICKIAS, PETER N., US  
[72] KLOSIN, JERZY, US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-09-14  
[86] 2000-03-17 (PCT/US2000/007371)  
[87] 2000-11-23 (WO2000/069870)  
[30] US (60/133,995) 1999-05-13

[21] **2,368,011**  
[13] A1

[51] **Int.Cl. 7H03B 5/12**  
[25] EN  
[54] **MULTIPLE BANS OSCILLATOR USING SWITCHED INDUCTORS**  
[54] **OSCILLATEUR A BANDES MULTIPLES, DANS LEQUEL DES INDUCTANCES COMMUTEES SONT UTILISES**  
[72] SALDANA, ROLANDO A., US  
[72] PITTA, THOMAS A., US  
[72] CANTEY, PATRICK S., III, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-09-14  
[86] 2000-03-28 (PCT/US2000/008540)  
[87] 2000-10-05 (WO2000/059107)  
[30] US (09/280,183) 1999-03-29

[21] **2,368,012**  
[13] A1

[51] **Int.Cl. 7C07F 17/00 7C08F 10/00**  
[25] EN  
[54] **DIMERIC GROUP 4 METALLOCENES IN +3 OXIDATION STATE**  
[54] **METALLOCENES DIMERES DU GROUPE 4 DANS L'ETAT D'OXYDATION +3**  
[72] DEVORE, DAVID D., US  
[72] CHEN, EUGENE Y., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-09-14  
[86] 2000-05-10 (PCT/US2000/012680)  
[87] 2000-12-14 (WO2000/075152)  
[30] US (60/137,881) 1999-06-07

## PCT Applications Entering the National Phase

---

[21] **2,368,013**  
[13] A1  
[51] **Int.Cl. 7H05K 3/46 7H05K 3/00 7G06F 17/50**  
[25] EN  
[54] **COMPENSATION MODEL AND REGISTRATION SIMULATOR APPARATUS AND METHOD FOR MANUFACTURING OF PRINTED CIRCUIT BOARDS**  
[54] **DISPOSITIF DE MODELISATION DE COMPENSATION ET DE SIMULATION D'ENREGISTREMENT ET PROCEDE DE FABRICATION DE CARTES A CIRCUIT IMPRIME**  
[72] MCQUARRIE, W. GRAY, US  
[72] JONES, BRADLEY A., US  
[71] ISOLA LAMINATE SYSTEMS CORP., US  
[85] 2001-09-13  
[86] 2000-02-25 (PCT/US2000/005001)  
[87] 2000-09-21 (WO2000/055907)  
[30] US (09/270,303) 1999-03-15

---

[21] **2,368,015**  
[13] A1  
[51] **Int.Cl. 7E05B 65/32**  
[25] EN  
[54] **TWO STAGE CRUSH ZONE LATCH**  
[54] **VERROU COMPORTANT UNE ZONE D'ABSORPTION DE CHOC A DEUX ETAGES**  
[72] MIHAIL, ADRIAN, CA  
[71] ATOMA INTERNATIONAL CORP., CA  
[85] 2001-09-13  
[86] 2000-05-11 (PCT/CA2000/000551)  
[87] 2000-11-16 (WO2000/068537)  
[30] US (60/133,596) 1999-05-11

---

[21] **2,368,019**  
[13] A1  
[51] **Int.Cl. 7C08F 212/04 7C08F 8/00**  
[25] EN  
[54] **AMINO GROUP CONTAINING SUPPORT MATRICES, THEIR USE AND MANUFACTURE**  
[54] **GROUPE AMINO CONTENANT DES MATRICES SUPPORT, LEUR UTILISATION ET LEUR OBTENTION**  
[72] FONNUM, GEIR, NO  
[71] AMERSHAM PHARMACIA BIOTECH AB, SE  
[85] 2001-09-13  
[86] 2000-03-22 (PCT/IB2000/000331)  
[87] 2000-09-28 (WO2000/056790)  
[30] US (09/273,513) 1999-03-22

---

[21] **2,368,021**  
[13] A1  
[51] **Int.Cl. 7B32B 5/16**  
[25] EN  
[54] **SURFACE TREATED BARIUM SULFATE AND METHOD OF PREPARING THE SAME**  
[54] **SULFATE DE BARYUM TRAITE EN SURFACE ET PROCEDE DE PREPARATION**  
[72] LYNCH, THOMAS J., US  
[72] FREEMAN, GARY M., US  
[72] OUTLAW, DWAYNE E., US  
[72] PROWELL, CHRISTINA D., US  
[71] J.M. HUBER CORPORATION, US  
[85] 2001-09-17  
[86] 2000-04-10 (PCT/US2000/009586)  
[87] 2000-10-19 (WO2000/061361)  
[30] US (09/288,903) 1999-04-09

---

[21] **2,368,025**  
[13] A1  
[51] **Int.Cl. 7B05D 5/10 7B05C 11/00 7B05D 5/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SETTING, REGULATING AND MONITORING AN APPLICATOR**  
[54] **SYSTEME ET PROCEDE POUR LE REGLAGE, LA REGULATION ET LA SURVEILLANCE D'UN APPLICATEUR**  
[72] SANTEFORT, KEN, US  
[72] LEARY, KEVIN, US  
[72] JOERGER, CARL, US  
[71] W.H. LEARY CO., INC., US  
[85] 2001-09-19  
[86] 2000-04-07 (PCT/US2000/009300)  
[87] 2000-10-19 (WO2000/061303)  
[30] US (09/289,425) 1999-04-09

---

[21] **2,368,027**  
[13] A1  
[51] **Int.Cl. 7H03M 13/27**  
[25] EN  
[54] **2-DIMENSIONAL INTERLEAVING APPARATUS AND METHOD**  
[54] **DISPOSITIF ET PROCEDE D'ENTRELACEMENT BIDIMENSIONNEL**  
[72] KIM, MIN-GOO, KR  
[72] KIM, BEONG-JO, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-09-13  
[86] 2000-04-06 (PCT/KR2000/000316)  
[87] 2000-10-12 (WO2000/060752)  
[30] KR (1999/11799) 1999-04-06

---

[21] **2,368,030**  
[13] A1  
[51] **Int.Cl. 7H02M 7/757**  
[25] EN  
[54] **A VSC-CONVERTER**  
[54] **CONVERTISSEUR DE SOURCE DE TENSION**  
[72] ASPLUND, GUNNAR, SE  
[72] BIJLENGA, BO, SE  
[71] ABB AB, SE  
[85] 2001-09-13  
[86] 2000-03-29 (PCT/SE2000/000606)  
[87] 2000-10-19 (WO2000/062409)  
[30] SE (9901127-2) 1999-03-29

---

[21] **2,368,039**  
[13] A1  
[51] **Int.Cl. 7H01L 31/068 7H01L 31/0224 7H01L 31/0352**  
[25] EN  
[54] **AN ALUMINUM ALLOY BACK JUNCTION SOLAR CELL AND A PROCESS FOR FABRICATION THEREOF**  
[54] **CELLULE SOLAIRE A JONCTION ARRIERE EN ALLIAGE D'ALUMINIUM ET SON PROCEDE DE FABRICATION**  
[72] DAVIS, HUBERT P., US  
[72] MEIER, DANIEL L., US  
[72] GARCIA, RUTH A., US  
[72] SALAMI, JALAL, US  
[71] EBARA SOLAR, INC., US  
[85] 2001-09-14  
[86] 2000-02-01 (PCT/US2000/002609)  
[87] 2000-09-21 (WO2000/055923)  
[30] US (60/124,797) 1999-03-17  
[30] US (09/414,990) 1999-10-07

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,368,043</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C01B 31/02</b> [25] EN [54] <b>MACROSCOPIC ORDERED ASSEMBLY OF CARBON NANOTUBES</b> [54] <b>ENSEMBLE ORDONNE MACROSCOPIQUE DE NANOTUBES DE CARBONE</b> [72] SAINI, RAJESH KUMAR, US [72] YAKOBSON, BORIS I., US [72] CHIANG, WAN-TING, US [72] HUFFMAN, CHAD B., US [72] CASAVANT, MICHAEL J., US [72] SMALLEY, RICHARD E., US [72] HAUGE, ROBERT H., US [72] SMITH, KEN, A., US [72] WALTERS, DERON A., US [72] QIN, XIAO CHUAN, US [72] COLBERT, DANIEL T., US [71] WILLIAM MARSH RICE UNIVERSITY, US [85] 2001-09-14 [86] 2000-10-27 (PCT/US2000/029722) [87] 2001-05-03 (WO2001/030694) [30] US (60/161,717) 1999-10-27</p>	<p style="text-align: right;">[21] <b>2,368,046</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 70/46 7B29B 15/10</b> [25] EN [54] <b>MOULDED ARTICLE</b> [54] <b>CORPS MOULES</b> [72] HINTERMANN, MARTIN, CH [71] ALUSUISSE TECHNOLOGY &amp; MANAGEMENT AG, CH [85] 2001-08-10 [86] 2000-01-28 (PCT/EP2000/000648) [87] 2000-08-24 (WO2000/048824) [30] CH (300/99) 1999-02-17</p>	<p style="text-align: right;">[21] <b>2,368,057</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H05K 3/32 7H01L 23/34</b> [25] EN [54] <b>A METHOD AND AN ARRANGEMENT FOR THE ELECTRICAL CONTACT OF COMPONENTS</b> [54] <b>PROCEDE ET DISPOSITIF DE MISE EN CONTACT ELECTRIQUE DE COMPOSANTS</b> [72] WESTBERG, DAVID, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-09-14 [86] 2000-03-13 (PCT/SE2000/000493) [87] 2000-09-21 (WO2000/056130) [30] SE (9900962-3) 1999-03-17</p>
<p style="text-align: right;">[21] <b>2,368,044</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60J 5/06</b> [25] FR [54] <b>CONTENEUR DE TRANSPORT A RIDEAUX COULISSANTS</b> [54] <b>TRANSPORT CONTAINER WITH SLIDING CURTAINS</b> [72] LIBNER, HERVE, FR [71] S.A. LIBNER, FR [85] 2001-09-13 [86] 2000-04-07 (PCT/FR2000/000892) [87] 2000-10-19 (WO2000/061398) [30] FR (99 04474) 1999-04-09</p>	<p style="text-align: right;">[21] <b>2,368,050</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>COMMUNICATIONS SYSTEM FOR A MOBILE RADIO TELEPHONE SYSTEM FOR FIXING A SUBSCRIBER AREA AND SUITABLE METHOD</b> [54] <b>SYSTEME DE COMMUNICATION POUR LA RADIOTELEPHONIE MOBILE DETERMINANT UNE ZONE D'ABONNE ET PROCEDE APPROPRIE</b> [72] ODORFER, THOMAS, DE [72] MAYRHOFER, GERHARD, DE [71] VIAG INTERKOM GMBH &amp; CO., DE [85] 2001-09-14 [86] 2000-03-17 (PCT/EP2000/002411) [87] 2000-09-21 (WO2000/056104) [30] DE (199 11 938.4) 1999-03-17</p>	<p style="text-align: right;">[21] <b>2,368,059</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 239/94 7A61P 35/00 7C07D 401/12 7C07D 405/12 7C07D 413/12 7A61K 31/517 7C07D 215/54</b> [25] EN [54] <b>BICYCLIC HETEROCYCLES, PHARMACEUTICAL COMPOSITIONS CONTAINING THESE COMPOUNDS, THEIR USE AND PROCESSES FOR PREPARING THEM</b> [54] <b>HETEROCYCLES BICYCLIQUES, COMPOSITIONS PHARMACEUTIQUES CONTENANT CES COMPOSES, UTILISATIONS ET PROCEDES DE PREPARATION DE CES DERNIERS</b> [72] JUNG, BIRGIT, DE [72] BLECH, STEFAN, DE [72] METZ, THOMAS, AT [72] SOLCA, FLAVIO, AT [72] LANGKOPF, ELKE, DE [72] HIMMELSBACH, FRANK, DE [71] BOEHRINGER INGELHEIM PHARMA KG, DE [85] 2001-09-14 [86] 2000-03-14 (PCT/EP2000/002228) [87] 2000-09-21 (WO2000/055141) [30] DE (199 11 509.5) 1999-03-15</p>
<p style="text-align: right;">[21] <b>2,368,045</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60J 5/06</b> [25] EN [54] <b>CONTENEUR DE TRANSPORT A RIDEAUX COULISSANTS</b> [54] <b>TRANSPORT CONTAINER WITH SLIDING CURTAINS</b> [72] LIBNER, HERVE, FR [71] S.A. LIBNER, FR [85] 2001-09-13 [86] 2000-04-07 (PCT/FR2000/000892) [87] 2000-10-19 (WO2000/061398) [30] FR (99 04474) 1999-04-09</p>	<p style="text-align: right;">[21] <b>2,368,054</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38 7H04L 9/08</b> [25] EN [54] <b>ARRANGEMENT FOR SECURE COMMUNICATION AND KEY DISTRIBUTION IN A TELECOMMUNICATION SYSTEM</b> [54] <b>PROCEDE ET SYSTEME DANS UN SYSTEME DE TELECOMMUNICATIONS</b> [72] VATANEN, HARRI, GB [71] SONERA SMARTTRUST OY., FI [85] 2001-09-14 [86] 2000-03-17 (PCT/FI2000/000223) [87] 2000-09-21 (WO2000/056105) [30] FI (990601) 1999-03-17</p>	<p style="text-align: right;">[21] <b>2,368,045</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04R 25/00 7A61F 11/00 7A61B 5/12</b> [25] EN [54] <b>TINNITUS REHABILITATION DEVICE AND METHOD</b> [54] <b>DISPOSITIF ET METHODE DE TRAITEMENT DE L'ACOUPIHENE</b> [72] DAVIS, PAUL BENJAMIN, AU [71] CURTIN UNIVERSITY OF TECHNOLOGY, AU [85] 2001-09-14 [86] 2000-03-17 (PCT/AU2000/000207) [87] 2000-09-21 (WO2000/056120) [30] AU ( PP 9275) 1999-03-17</p>

## PCT Applications Entering the National Phase

---

[21] **2,368,061**  
[13] A1

[51] **Int.Cl. 7G11B 33/04 7G11B 23/02**  
[25] EN  
[54] **A DEVICE FOR RETAINING ARTICLES**  
[54] **DISPOSITIF DE RETENUE D'ARTICLES**  
[72] COOKE, MICHAEL CHARLES, AU  
[71] COOKE, MICHAEL CHARLES, AU  
[85] 2001-09-17  
[86] 2000-03-14 (PCT/AU2000/000186)  
[87] 2000-09-21 (WO2000/055858)  
[30] AU (PP 9141) 1999-03-15  
[30] AU (PQ 4343) 1999-11-26

---

[21] **2,368,066**  
[13] A1

[51] **Int.Cl. 7B02C 17/18**  
[25] FR  
[54] **BROYEUR A BOULETS**  
[54] **BALL MILL**  
[72] FONTANILLE, DANIEL, FR  
[71] ALSTOM, FR  
[85] 2001-09-13  
[86] 2000-05-04 (PCT/FR2000/001202)  
[87] 2000-11-16 (WO2000/067910)  
[30] FR (99/05832) 1999-05-07

---

[21] **2,368,068**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/00 7C07K 5/00**  
[25] EN  
[54] **27 HUMAN SECRETED PROTEINS**  
[54] **27 PROTEINES HUMAINES SECRETEES**  
[72] YOUNG, PAUL E., US  
[72] EBNER, REINHARD, US  
[72] FLORENCE, KIMBERLY, US  
[72] OLSEN, HENRIK S., US  
[72] BIRSE, CHARLES, US  
[72] MOORE, PAUL A., US  
[72] ROSEN, CRAIG A., US  
[72] KOMATSOU LIS, GEORGE, US  
[72] RUBEN, STEVEN M., US  
[72] SHI, YANGGU, US  
[72] LAFLEUR, DAVID W., US  
[72] NI, JIAN, US  
[71] HUMAN GENOME SCIENCES INC., US  
[85] 2001-09-13  
[86] 2000-03-16 (PCT/US2000/006783)  
[87] 2000-09-21 (WO2000/055371)  
[30] US (60/125,055) 1999-03-18

---

[21] **2,368,070**  
[13] A1

[51] **Int.Cl. 7H01R 3/00**  
[25] EN  
[54] **SEALANT-FILLED ELECTRICAL CONNECTOR AND METHOD FOR FORMING THE SAME**  
[54] **CONNECTEUR ELECTRIQUE REMPLI DE MATERIAU D'ETANCHEITE ET PROCEDE POUR LE FORMER**  
[72] STALLINGS, MICHAEL RYAN, US  
[72] KING, DAVID MICHAEL, US  
[72] TUCKER, STEPHEN CRAIG, US  
[71] TYCO ELECTRONICS CORPORATION, US  
[85] 2001-09-10  
[86] 2000-06-29 (PCT/US2000/018203)  
[87] 2001-01-04 (WO2001/001522)  
[30] US (09/343,319) 1999-06-30

---

[21] **2,368,074**  
[13] A1

[51] **Int.Cl. 7B60N 2/015 7B60N 2/10 7B60N 2/20**  
[25] EN  
[54] **SAFETY MECHANISM FOR A FOLD AND TUMBLE SEAT ASSEMBLY**  
[54] **MECANISME DE SECURITE DESTINE A UN ASSEMBLAGE DE SIEGE PLIABLE ET BASCULABLE**  
[72] TAME, OMAR D., US  
[71] MAGNA SEATING SYSTEMS INC., CA  
[85] 2001-09-12  
[86] 2000-03-13 (PCT/CA2000/000264)  
[87] 2000-09-21 (WO2000/055003)  
[30] US (60/124,082) 1999-03-12

---

[21] **2,368,076**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH IMPROVED BREATHABLE BACKSHEET COMPRISING REDUCED BASIS WEIGHT NONWOVEN**  
[54] **ARTICLE ABSORBANT DOTE D'UNE CONTRE-COUCHE IMPER-RESPIRANTE EN NON TISSE A POIDS DE BASE REDUIT**  
[72] VEGLIO, PAOLO, IT  
[72] CARLUCCI, GIOVANNI, IT  
[72] DI CINTIO, ACHILLE, IT  
[72] BONELLI, GUIDO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-09-14  
[86] 2000-03-31 (PCT/US2000/008808)  
[87] 2000-10-12 (WO2000/059432)  
[30] EP (99105191.3) 1999-04-01

---

[21] **2,368,078**  
[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **A SECURE NETWORK**  
[54] **RESEAU SECURISE**  
[72] BACIC, EUGEN, CA  
[71] TEXAR SOFTWARE CORP., CA  
[85] 2001-09-14  
[86] 2000-03-15 (PCT/CA2000/000277)  
[87] 2000-09-21 (WO2000/056028)  
[30] US (60/124,487) 1999-03-15  
[30] US (09/515,092) 2000-02-29

---

[21] **2,368,081**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 29/06**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR PROVIDING A SERVICE TO A CLIENT NODE**  
[54] **SYSTEME ET PROCEDE POUR FOURNIR UN SERVICE A UN NOEUD CLIENT**  
[72] SIEGEL, AVIV, US  
[72] MIASNIK, GUY, US  
[71] @HOC INC., US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007240)  
[87] 2000-09-21 (WO2000/056015)  
[30] US (60/125,190) 1999-03-18

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,368,085</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/00 7A61F 13/10</b> [25] EN [54] <b>WOUND TREATMENT APPARATUS EMPLOYING REDUCED PRESSURE</b> [54] <b>APPAREIL PERMETTANT DE TRAITER DES BLESSURES SOUS PRESSION REDUITE</b> [72] HEATON, KEITH PATRICK, GB [72] HUNT, KENNETH WILLIAM, GB [71] KCI MEDICAL LIMITED, GB [85] 2001-09-14 [86] 2000-04-20 (PCT/GB2000/001566) [87] 2000-11-02 (WO2000/064394) [30] GB (9909301.5) 1999-04-22</p>	<p style="text-align: right;">[21] <b>2,368,089</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 29/06 7H04L 12/28</b> [25] EN [54] <b>PROVIDING CLIENTS WITH SERVICES THAT RETRIEVE DATA FROM DATA SOURCES THAT DO NOT NECESSARILY SUPPORT THE FORMAT REQUIRED BY THE CLIENTS</b> [54] <b>FOURNITURE A DES CLIENTS DE SERVICES PERMETTANT D'EXTRAIRE DES DONNEES DE SOURCES DE DONNEES NE FONCTIONNANT PAS NECESSAIREMENT SOUS LE FORMAT DEMANDE PAR LES CLIENTS</b> [72] LONNROTH, MAGNUS M., SE [72] SVENSSON, ROLAND, SE [72] SVENSSON, JOHAN, SE [71] ORACLE CORPORATION, US [85] 2001-09-17 [86] 2000-03-16 (PCT/US2000/006813) [87] 2000-09-21 (WO2000/056033) [30] US (60/124,774) 1999-03-17 [30] US (09/454,515) 1999-12-06</p>	<p style="text-align: right;">[21] <b>2,368,094</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/16</b> [25] EN [54] <b>ORALLY ADMINISTRABLE COMPOSITIONS COMPRISING CATION CROSS-LINKED POLYSACCHARIDE AND A POLYMER DIGESTIBLE IN THE LOWER GASTROINTESTINAL TRACT</b> [54] <b>COMPOSITIONS POUVANT ETRE ADMINISTREES PAR VOIE ORALE CONTENANT DES POLYOSIDES A CATIONS RETICULES ET UN POLYMERE DIGESTIBLE DANS LE TRACTUS GASTRO-INTESTINAL INFERIEUR</b> [72] KARKALAS, JOHN, GB [72] TESTER, RICHARD FRANK, GB [71] GLASGOW CALEDONIAN UNIVERSITY, GB [85] 2001-09-14 [86] 1999-04-22 (PCT/GB1999/001240) [87] 1999-10-28 (WO1999/053902) [30] GB (9808595.4) 1998-04-22 [30] GB (9810375.7) 1998-05-14</p>
<p style="text-align: right;">[21] <b>2,368,088</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7G01N 33/569</b> [25] FR [54] <b>SEQUENCES DELETEDES CHEZ M. BOVIS BCG/M. BOVIS OU M. TUBERCULOSIS, PROCEDE DE DETECTION DES MYCOBACTERIES UTILISANT CES SEQUENCES ET VACCINS</b> [54] <b>DELETED SEQUENCES IN M. BOVIS BCG/M. BOVIS OR M. TUBERCULOSIS, METHOD FOR DETECTING MYCOBACTERIA USING SAID SEQUENCES AND VACCINES</b> [72] BILLAULT, ALAIN, FR [72] BUCHRIESER-BROSCH, ROLAND, FR [72] COLE, STEWART, FR [72] GORDON, STEPHEN, FR [72] GARNIER, THIERRY, FR [71] INSTITUT PASTEUR, FR [85] 2001-09-14 [86] 2000-03-16 (PCT/FR2000/000637) [87] 2000-09-21 (WO2000/055362) [30] FR (99/03250) 1999-03-16</p>	<p style="text-align: right;">[21] <b>2,368,092</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 7/16 7H04Q 7/00</b> [25] EN [54] <b>TELEPHONE ADAPTER AND TELEPHONE SYSTEM PROVIDING MULTIPLE TELEPHONE LINES</b> [54] <b>ADAPTATEUR TELEPHONIQUE ET SYSTEME TELEPHONIQUE GERANT PLUSIEURS LIGNES</b> [72] BURKE, TIMOTHY M., US [72] FULLER, GREGORY W., US [71] MOTOROLA INC., US [85] 2001-09-17 [86] 2000-03-08 (PCT/US2000/006029) [87] 2000-09-21 (WO2000/056071) [30] US (09/271,599) 1999-03-17</p>	<p style="text-align: right;">[21] <b>2,368,097</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 401/12 7A61P 43/00 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 405/14 7C07D 409/14 7A61K 31/505 7C07D 239/91 7C07D 239/96</b> [25] EN [54] <b>AMIDE DERIVATIVES</b> [54] <b>DERIVES AMIDES</b> [72] BROWN, DEARG SUTHERLAND, GB [71] ASTRAZENECA AB, SE [85] 2001-09-14 [86] 2000-03-13 (PCT/GB2000/000912) [87] 2000-09-21 (WO2000/055153) [30] GB (9906279.6) 1999-03-17 [30] GB (9926667.8) 1999-11-11</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,368,103</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/103</b> [25] EN [54] <b>APPARATUS AND METHOD FOR HARVESTING AND HANDLING TISSUE SAMPLES FOR BIOPSY ANALYSIS</b> [54] <b>APPAREIL ET PROCEDURE DE PRELEVEMENT ET DE MANIPULATION D'ECHANTILLONS TISSULAIRES EN VUE D'UNE ANALYSE DE BIOPSIE</b> [72] WARD, THOMAS, US [72] WHITLACH, STEPHEN, US [72] ALLEN, DOUGLAS, US [72] WILLIAMSON, WARREN P., IV, US [72] DINOVO, DOMINIC, US [71] BIOPATH AUTOMATION, L.L.C., US [85] 2001-09-14 [86] 1998-10-05 (PCT/US1998/020478) [87] 2000-04-13 (WO2000/019897)</p>	<p style="text-align: right;">[21] <b>2,368,108</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 495/04 7A61K 31/505</b> [25] EN [54] <b>THIENOPYRIMIDINE COMPOUNDS, THEIR PRODUCTION AND USE</b> [54] <b>COMPOSES DE THIENOPYRIMIDINE, LEUR PRODUCTION ET LEUR UTILISATION</b> [72] NARA, YOSHI, JP [72] CHOH, NOBUO, JP [72] SUZUKI, NOBUHIRO, JP [72] FURUYA, SHUICHI, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2001-09-21 [86] 2000-03-23 (PCT/JP2000/001777) [87] 2000-09-28 (WO2000/056739) [30] JP (11/79371) 1999-03-24 [30] JP (2000/18019) 2000-01-25</p>	<p style="text-align: right;">[21] <b>2,368,112</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07F 5/02</b> [25] EN [54] <b>BORON-SUBSTITUTED CYCLOPENTADIENES AND METAL COMPLEXES THEREOF</b> [54] <b>CYCLOPENTADIENES A SUBSTITUTION BORE ET COMPLEXES DE METAUX DE CES DERNIERS</b> [72] GREEN, DANIEL PATRICK, US [72] KRUPER, WILLIAM J., JR., US [72] TIMMERS, FRANCIS J., US [71] THE DOW CHEMICAL COMPANY, US [85] 2001-09-13 [86] 2000-05-10 (PCT/US2000/012681) [87] 2000-12-14 (WO2000/075146) [30] US (60/137,766) 1999-06-04</p>
<p style="text-align: right;">[21] <b>2,368,105</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/44 7G01N 33/68 7G01N 33/84</b> [25] EN [54] <b>RAPID DIAGNOSTIC METHOD FOR DISTINGUISHING ALLERGIES AND INFECTIONS</b> [54] <b>METHODE DE DIAGNOSTIC RAPIDE PERMETTANT DE DISTINGUER LES ALLERGIES DES INFECTIONS</b> [72] SMALL, PARKER, US [72] HUANG, SHIH-WEN, US [71] UNIVERSITY OF FLORIDA, US [85] 2001-09-14 [86] 1999-03-16 (PCT/US1999/005751) [87] 2000-09-21 (WO2000/055359)</p>	<p style="text-align: right;">[21] <b>2,368,109</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7C07H 21/04</b> [25] EN [54] <b>DETECTION OF MELANOMA</b> [54] <b>DETECTION DE MELANOME</b> [72] BASTIAN, BORIS, US [72] PINKEL, DANIEL, US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2001-09-14 [86] 2000-02-24 (PCT/US2000/005009) [87] 2000-09-21 (WO2000/055367) [30] US (09/271,619) 1999-03-17</p>	<p style="text-align: right;">[21] <b>2,368,113</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/79 7A61K 48/00</b> [25] EN [54] <b>PROTOZOAN EXPRESSION SYSTEM</b> [54] <b>SYSTEME D'EXPRESSION CHEZ LES PROTOZOAIRES</b> [72] BEVERLEY, STEPHEN M., US [71] WASHINGTON UNIVERSITY, US [85] 2001-09-25 [86] 2000-03-13 (PCT/US2000/006576) [87] 2000-10-05 (WO2000/058483) [30] US (09/277,513) 1999-03-26</p>
<p style="text-align: right;">[21] <b>2,368,107</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/42</b> [25] EN [54] <b>IN-LINE OPTOELECTRONIC DEVICE PACKAGING</b> [54] <b>CONDITIONNEMENT EN LIGNE D'UN DISPOSITIF OPTOELECTRONIQUE</b> [72] TAYEBATI, PARVIZ, US [72] AZIMI, MASUD, US [72] VAKHSHOORI, DARYOOSH, US [71] CORETEK, INC., US [85] 2001-09-14 [86] 1999-10-22 (PCT/US1999/024818) [87] 2000-04-27 (WO2000/023838) [30] US (60/105,171) 1998-10-22</p>	<p style="text-align: right;">[21] <b>2,368,111</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07F 17/00 7C08F 10/00 7C08F 4/642</b> [25] EN [54] <b>DI- AND TRI-HETEROATOM SUBSTITUTED INDENYL METAL COMPLEXES</b> [54] <b>COMPLEXES METALLIQUES CONTENANT INDENYLE SUBSTITUE PAR DEUX OU TROIS HETEROATOMES</b> [72] PATTON, JASSON T., US [72] NICKIAS, PETER N., US [72] KRUPER, WILLIAM J., JR., US [72] KLOSIN, JERZY, US [71] THE DOW CHEMICAL COMPANY, US [85] 2001-09-13 [86] 2000-03-17 (PCT/US2000/007372) [87] 2000-11-23 (WO2000/069871) [30] US (60/133,994) 1999-05-13</p>	<p style="text-align: right;">[21] <b>2,368,114</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/00 7G06F 15/163 7G06F 17/50</b> [25] EN [54] <b>NETWORK-BASED SYSTEM FOR THE MANUFACTURE OF PARTS IN A VIRTUAL COLLABORATIVE ENVIRONMENT</b> [54] <b>SYSTEME EN RESEAU POUR LA FABRICATION DE PRODUITS AU SEIN D'UN ENVIRONNEMENT COOPERATIF VIRTUEL</b> [72] THACKSTON, JAMES D., US [71] EAGLE ENGINEERING OF AMERICA, INC., US [85] 2001-09-14 [86] 2000-03-10 (PCT/US2000/006109) [87] 2000-09-21 (WO2000/055705) [30] US (09/270,007) 1999-03-16 [30] US (09/311,150) 1999-05-13 [30] US (09/410,619) 1999-10-01</p>

## Demandes PCT entrant en phase nationale

[21] **2,368,119**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12Q 1/68**  
[25] EN  
[54] **CHIMERIC EXPRESSION PROMOTERS ORIGINATING FROM COMMELINA YELLOW MOTTLE VIRUS AND CASSAVA VEIN MOSAIC VIRUS**  
[54] **PROMOTEURS CHIMERES D'EXPRESSION ISSUS DU VIRUS DE LA MARBRURE JAUNE DE LA COMMELINE ET DU VIRUS DE LA MOSAIQUE DES NERVURES DU MANIOC**  
[72] THEISEN, MANFRED, FR  
[72] GRUBER, VERONIQUE, FR  
[72] RANCE, IANN, FR  
[71] MERISTEM THERAPEUTICS, FR  
[85] 2001-09-14  
[86] 2000-03-29 (PCT/IB2000/000370)  
[87] 2000-10-05 (WO2000/058485)  
[30] FR (99/03925) 1999-03-29

[21] **2,368,122**  
[13] A1

[51] **Int.Cl. 7C07C 271/22 7A61P 11/00 7A61P 17/00 7A61P 25/00 7A61P 29/00 7A61P 33/00 7A61P 35/00 7A61P 37/00 7C07C 275/24 7C07D 209/26 7C07D 233/26 7A61K 31/275 7C07D 277/56 7C07C 323/60 7C07D 233/90**  
[25] EN  
[54] **NOVEL COMPOUNDS AND COMPOSITIONS AS PROTEASE INHIBITORS**  
[54] **NOUVEAUX COMPOSES ET COMPOSITIONS UTILISES EN QUALITE D'INHIBITEURS DE PROTEASES**  
[72] BRYANT, CLIFFORD M., US  
[72] KRAYNACK, ERICA A., US  
[72] BUNIN, BARRY A., US  
[72] PATTERSON, JOHN W., US  
[71] AXYS PHARMACEUTICALS, INC., US  
[85] 2001-09-14  
[86] 2000-03-15 (PCT/US2000/006747)  
[87] 2000-09-21 (WO2000/055125)  
[30] US (60/124,420) 1999-03-15

[21] **2,368,124**  
[13] A1

[51] **Int.Cl. 7G05D 23/19**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OPTIMIZING ENVIRONMENTAL TEMPERATURE FOR A DEVICE UNDER TEST**  
[54] **PROCEDE ET APPAREIL D'OPTIMISATION DE LA TEMPERATURE AMBIANTE POUR UN APPAREIL A L'ESSAI**  
[72] STEWART, ROBERT T., US  
[71] SIGMA SYSTEMS CORPORATION, US  
[85] 2001-09-14  
[86] 2000-03-15 (PCT/US2000/006817)  
[87] 2000-09-21 (WO2000/055703)  
[30] US (09/268,900) 1999-03-16

[21] **2,368,127**  
[13] A1

[51] **Int.Cl. 7G01V 1/00**  
[25] EN  
[54] **ACCELEROMETER TRANSDUCER USED FOR SEISMIC RECORDING**  
[54] **TRANSDUCTEUR D'ACCELEROMETRE UTILISE DANS L'ENREGISTREMENT SISMIQUE**  
[72] BEHN, LAWRENCE P., US  
[72] BERTRAND, WILFRED ROY, US  
[72] DOWNEY, JOHN C., JR., US  
[72] BEDNAR, EUGENE D., US  
[72] ELDER, KEITH, US  
[72] GANNON, JEFFERY C., US  
[72] LAMBERT, DALE J., US  
[72] WILSON, DAVID, US  
[72] CAIN, BYRON LEE, US  
[72] MCMAHON, MICHAEL GEORGE, US  
[72] MAXWELL, PETER, US  
[72] POLK, HENRY THOMAS, US  
[72] CORRIGAN, MICHAEL ARTHUR, US  
[72] RAGAN, GLEN, US  
[72] ROCHE, STEVEN L., US  
[71] INPUT/OUTPUT, INC., US  
[85] 2001-09-14  
[86] 2000-03-16 (PCT/US2000/006905)  
[87] 2000-09-21 (WO2000/055646)  
[30] US (60/125,076) 1999-03-17

[21] **2,368,128**  
[13] A1

[51] **Int.Cl. 7F16H 57/00**  
[25] EN  
[54] **ANTI-THEFT BRAKE OR CLUTCH PEDAL LOCKING DEVICE**  
[54] **DISPOSITIF DE VERROUILLAGE ANTI-VOL DESTINE A UNE PEDALE DE FREIN OU D'EMBRAYAGE**  
[72] VITO, ROBERT A., US  
[71] VITO, ROBERT A., US  
[85] 2001-09-14  
[86] 2000-03-16 (PCT/US2000/006923)  
[87] 2000-09-21 (WO2000/055525)  
[30] US (09/268,803) 1999-03-16  
[30] US (09/495,098) 2000-02-01

[21] **2,368,135**  
[13] A1

[51] **Int.Cl. 7C07H 19/06 7C07H 21/00**  
[25] EN  
[54] **XYLO-LNA ANALOGUES**  
[54] **ANALOGUES DE XYLO-LNA**  
[72] WENGEL, JESPER, DK  
[71] EXIQON A/S, DK  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/DK2000/000125)  
[87] 2000-09-28 (WO2000/056748)  
[30] DK (PA 1999 00382) 1999-03-18  
[30] DK (PA 1999 01224) 1999-09-01

[21] **2,368,139**  
[13] A1

[51] **Int.Cl. 7C09B 67/22 7D21H 21/28**  
[25] EN  
[54] **PIGMENT COMPOSITIONS AND PROCESS OF SHADING**  
[54] **COMPOSITIONS DE PIGMENTS ET PROCEDE DE COLORATION**  
[72] WATSFELDT, ROBERT, SE  
[72] KNOWLES, IAN WILLIAM, GB  
[72] KUMLIN, KJELL ERIK, SE  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[71] STORA KOPPARBERGS BERGSLAGS AB, SE  
[85] 2001-09-17  
[86] 2000-04-03 (PCT/EP2000/002955)  
[87] 2000-10-19 (WO2000/061689)  
[30] GB (9907878.4) 1999-04-08

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,368,141</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01R 12/16</b> [25] EN [54] <b>PRINTED CIRCUIT BOARD CONNECTOR</b> [54] <b>CONNECTEUR ENFICHABLE POUR CARTES DE CIRCUITS IMPRIMES</b> [72] GILLENBERG, ERIC, DE [71] TYCO ELECTRONICS LOGISTICS AG, CH [85] 2001-09-17 [86] 2000-05-04 (PCT/EP2000/003992) [87] 2000-11-16 (WO2000/069028) [30] DE (199 21 021.7) 1999-05-06</p>	<p style="text-align: right;">[21] <b>2,368,146</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 277/34</b> [25] EN [54] <b>A PROCESS FOR THE PREPARATION OF THIAZOLIDINE DERIVATIVES</b> [54] <b>PROCEDE DE PREPARATION DE DERIVES DE THIAZOLIDINE</b> [72] OKUMOTO, ITSUO, JP [72] NAKAMURA, NOBUYUKI, JP [71] ONO PHARMACEUTICAL CO., LTD., JP [85] 2001-09-17 [86] 2000-03-16 (PCT/JP2000/001595) [87] 2000-09-21 (WO2000/055146) [30] JP (11/73519) 1999-03-18</p>	<p style="text-align: right;">[21] <b>2,368,151</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 409/12 7A61P 35/00 7C07D 405/12 7C07D 305/14 7A61K 31/335</b> [25] EN [54] <b>C10 CARBONATE SUBSTITUTED TAXANES AS ANTITUMOR AGENTS</b> [54] <b>TAXANES A SUBSTITUTION CARBONATE EN C10 UTILISEES COMME AGENTS ANTITUMORAUX</b> [72] HOLTON, ROBERT A., US [71] FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US [85] 2001-09-17 [86] 2001-02-02 (PCT/US2001/003588) [87] 2001-08-09 (WO2001/057031) [30] US (60/179,684) 2000-02-02</p>
<p style="text-align: right;">[21] <b>2,368,142</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 5/30</b> [25] EN [54] <b>SINGLE-USE NEEDLE-LESS HYPODERMIC JET INJECTION APPARATUS AND METHOD</b> [54] <b>PROCEDE D'INJECTION D'UN JET HYPODERMIQUE, SANS AIGUILLE, ET DISPOSITIF ASSOCIE, A USAGE UNIQUE</b> [72] LANDAU, SERGIO, US [71] BIOJECT, INC., US [85] 2001-08-13 [86] 2000-02-16 (PCT/US2000/003938) [87] 2000-08-24 (WO2000/048654) [30] US (09/252,131) 1999-02-18</p>	<p style="text-align: right;">[21] <b>2,368,148</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 271/22 7A61P 11/00 7A61P 17/00 7A61P 25/00 7A61P 29/00 7A61P 33/00 7A61P 35/00 7A61P 37/00 7C07D 417/04 7C07D 209/06 7C07D 417/06 7C07D 417/12 7C07D 207/14 7C07D 295/14 7C07D 207/16 7C07D 295/20 7A61K 31/275 7C07C 255/29 7C07D 277/30 7C07D 277/38 7A61K 31/395 7C07D 277/48 7C07D 209/52 7C07D 211/58 7C07D 211/60 7C07D 211/62 7C07D 211/72 7C07D 213/82</b> [25] EN [54] <b>NOVEL COMPOUNDS AND COMPOSITIONS AS PROTEASE INHIBITORS</b> [54] <b>NOUVEAUX COMPOSES ET COMPOSITIONS COMME INHIBITEURS DE PROTEASE</b> [72] VENKATRAMAN, SHANKAR, US [72] BRYANT, CLIFFORD M., US [72] SETTI, EDUARDO L., US [72] PALMER, JAMES T., US [72] TIAN, ZONG-QIANG, US [72] RYDZEWSKI, ROBERT M., US [72] WANG, DAN-XIONG, US [71] AXYS PHARMACEUTICALS, INC., US [85] 2001-09-14 [86] 2000-03-15 (PCT/US2000/006837) [87] 2000-09-21 (WO2000/055126) [30] US (60/124,420) 1999-03-15</p>	<p style="text-align: right;">[21] <b>2,368,153</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B21D 5/02</b> [25] EN [54] <b>MODULAR TOOL SUPPORT ELEMENT IN SHEET METAL BENDING BRAKES</b> [54] <b>ELEMENT DE SUPPORT D'OUTIL MODULAIRE DANS DES PRESSES DE CINTRAGE DE TOLE</b> [72] TARASCONI, GIANLUCA, IT [71] TOOLSPRESS S.R.L., IT [85] 2001-09-19 [86] 2000-03-31 (PCT/EP2000/002856) [87] 2000-10-12 (WO2000/059654) [30] IT (RE99A000040) 1999-04-07</p>
<p style="text-align: right;">[21] <b>2,368,144</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01C 1/00 7A01H 3/00 7A01C 1/02 7A01G 7/04</b> [25] EN [54] <b>PROCESS AND APPARATUS FOR PROMOTING THE GERMINATION OF PLANT SEEDS AND THE PRODUCTION OF AGRICULTURAL CROPS</b> [54] <b>PROCEDE ET APPAREIL FAVORISANT LA GERMINATION DE GRAINES ET LA PRODUCTION DE CULTURES AGRICOLES</b> [72] HITTIN, ZEEV HALEVI, IL [71] SEED-TECH TEMED LTD, IL [85] 2001-09-17 [86] 2000-03-09 (PCT/IL2000/000146) [87] 2000-09-21 (WO2000/054567) [30] IL (129004) 1999-03-15</p>	<p style="text-align: right;">[21] <b>2,368,156</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/64 7G01J 3/18 7G01J 3/26</b> [25] EN [54] <b>AN APPARATUS AND METHOD FOR THE RAPID SPECTRAL RESOLUTION OF CONFOCAL IMAGES</b> [54] <b>APPAREIL ET PROCEDE DE RESOLUTION SPECTRALE RAPIDE D'IMAGES CONFOCALES</b> [72] SIMON, JOHN D., US [72] STIMSON, MICHAEL J., US [71] DUKE UNIVERSITY, US [85] 2001-09-14 [86] 1999-12-23 (PCT/US1999/030863) [87] 2000-07-20 (WO2000/042417) [30] US (09/229,874) 1999-01-14</p>	

## Demandes PCT entrant en phase nationale

[21] **2,368,158**  
[13] A1

[51] **Int.Cl. 7A61M 29/00**  
[25] EN  
[54] **FREE STANDING FILTER**  
[54] **FILTRE SANS SUPPORT**  
[72] KLESHINSKI, STEPHEN J., US  
[71] NMT MEDICAL, INC., US  
[85] 2001-09-18  
[86] 2000-03-16 (PCT/US2000/003725)  
[87] 2000-09-28 (WO2000/056390)  
[30] US (60/125,134) 1999-03-19  
[30] US (09/401,606) 1999-09-22

[21] **2,368,166**  
[13] A1

[51] **Int.Cl. 7B24D 11/02 7B24D 3/00 7B24D 11/00 7B24D 3/28**  
[25] EN  
[54] **ABRASIVE ARTICLE, METHOD OF MAKING SAME, AND ABRADING APPARATUS**  
[54] **ARTICLE ABRASIF ET SON PROCEDE DE FABRICATION; APPAREIL A RODER**  
[72] BELL, DONALD R., US  
[72] BRAUNSCHWEIG, EHRICH J., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-09-20  
[86] 2000-03-21 (PCT/US2000/007438)  
[87] 2000-10-12 (WO2000/059685)  
[30] US (09/286,569) 1999-04-05

[21] **2,368,171**  
[13] A1

[51] **Int.Cl. 7B41M 5/26 7G11B 9/04 7G11B 7/24 7G11B 7/26**  
[25] EN  
[54] **INFORMATION RECORDING MEDIUM AND METHOD FOR MANUFACTURING THE SAME**  
[54] **SUPPORT D'ENREGISTREMENT D'INFORMATIONS ET SON PROCEDE DE FABRICATION**  
[72] KAWAHARA, KATSUMI, JP  
[72] YAMADA, NOBORU, JP  
[72] MATSUNAGA, TOSHIYUKI, JP  
[72] KOJIMA, RIE, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2001-09-14  
[86] 2000-03-10 (PCT/JP2000/001489)  
[87] 2000-09-21 (WO2000/054982)  
[30] JP (11/68146) 1999-03-15  
[30] JP (11/293292) 1999-10-15

[21] **2,368,175**  
[13] A1

[51] **Int.Cl. 7B21D 7/04**  
[25] EN  
[54] **PORTABLE TORQUE TESTER FOR DOWNHOLE MOTORS**  
[54] **CONTROLEUR DE COUPLE PORTABLE POUR MOTEURS DE FONDS**  
[72] VON GYNZ-REKOWSKI, GUNTHER, US  
[72] LE, TUONG T., US  
[71] INTEDYNE L.L.C., US  
[85] 2001-09-17  
[86] 2000-03-16 (PCT/US2000/006910)  
[87] 2000-09-28 (WO2000/056478)  
[30] US (09/274,073) 1999-03-22

[21] **2,368,177**  
[13] A1

[51] **Int.Cl. 7B42F 3/00**  
[25] EN  
[54] **NOTEBOOK WITH REMOVABLE SHEETS**  
[54] **BLOC-NOTES POURVU DE FEUILLES DETACHABLES**  
[72] MOOR, MARC L., US  
[72] DEBLASIS, THOMAS, US  
[71] THE MEAD CORPORATION, US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/006998)  
[87] 2000-09-21 (WO2000/054987)  
[30] US (60/124,943) 1999-03-18  
[30] US (09/461,462) 1999-12-14

[21] **2,368,181**  
[13] A1

[51] **Int.Cl. 7B41M 5/035 7B41M 5/00 7D06P 5/00**  
[25] EN  
[54] **HEAT TRANSFER MATERIAL HAVING A FUSIBLE COATING CONTAINING CYCLOHEXANE DIMETHANOL DIBENZOATE THEREON**  
[54] **MATERIAU CALOPORTEUR A REVETEMENT THERMOFUSIBLE CONTENANT DU CYCLOHEXANE-DIMETHANOL-DIBENZOATE**  
[72] KRONZER, FRANCIS J., US  
[71] KIMBERLY CLARK WORLDWIDE, INC, US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007155)  
[87] 2000-09-21 (WO2000/054981)  
[30] US (09/271,645) 1999-03-18

[21] **2,368,186**  
[13] A1

[51] **Int.Cl. 7A61K 31/505 7A61P 43/00 7A61K 31/22 7A61K 31/365 7A61K 31/40 7A61K 31/415 7A61K 31/44**  
[25] EN  
[54] **USE OF 3-HYDROXY-3-METHYLGLUTARYL COENZYME A REDUCTASE INHIBITORS FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF DIABETIC NEUROPATHY**  
[54] **UTILISATION D'INHIBITEURS DE LA 3-HYDROXY-3-METHYLGLUTARYLE COENZYME A REDUCTASE EN FABRICATION D'UN MEDICAMENT DESTINE AU TRAITEMENT DE NEUROPATHIE DIABETIQUE**  
[72] COTTER, MARY ANNE, GB  
[72] CAMERON, NORMAN EUGENE, GB  
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN, GB  
[71] ASTRAZENECA AB, SE  
[85] 2001-07-17  
[86] 2000-02-01 (PCT/GB2000/000280)  
[87] 2000-08-10 (WO2000/045818)  
[30] GB (9902591.8) 1999-02-06  
[30] GB (9902594.2) 1999-02-06

[21] **2,368,190**  
[13] A1

[51] **Int.Cl. 7C12Q 1/28 7C07D 213/06**  
[25] EN  
[54] **4-(4-HYDROXYSTYRYL)PYRIDINE-CONTAINING SUBSTRATES FOR AN ANALYTE DEPENDENT ENZYME ACTIVATION SYSTEM**  
[54] **SUBSTRATS CONTENANT 4-(4-HYDROXYSTYRYL)PYRIDINE DESTINES A DES SYSTEMES D'ACTIVATION D'ENZYMES DEPENDANT DE L'ANALYTE**  
[72] ROTH, KEVIN AARON, US  
[72] BOBROW, MARK NORMAN, US  
[71] NEW LIFE SCIENCE PRODUCTS, INC., US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007229)  
[87] 2000-09-21 (WO2000/055358)  
[30] US (60/124,826) 1999-03-17  
[30] US (09/526,594) 2000-03-16

## PCT Applications Entering the National Phase

---

[21] **2,368,196**  
[13] A1  
[51] **Int.Cl. 7A61L 27/50 7A61L 29/14**  
**7A61L 31/14 7A61L 29/16 7A61L 31/16**  
**7A61L 27/54**  
[25] EN  
[54] **LUBRICIOUS MEDICAL DEVICES**  
**[54] DISPOSITIFS MEDICAUX**  
**LUBRIFIANTS**  
[72] FAN, YOU-LING, US  
[71] UNION CARBIDE CHEMICALS &  
PLASTICS TECHNOLOGY  
CORPORATION, US  
[85] 2001-07-05  
[86] 2000-01-27 (PCT/US2000/001933)  
[87] 2000-08-03 (WO2000/044414)  
[30] US (60/117,655) 1999-01-28

---

[21] **2,368,203**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH**  
**BREATHABLE BACKSHEET**  
**COMPRISED ONE LAYER WITH**  
**IMPROVED CAPILLARY APERTURES**  
[54] **ARTICLE ABSORBANT A**  
**FEUILLE SUPPORT IMPER-**  
**RESPIRANTE COMPRENANT UNE**  
**COUCHE POURVUE D'ORIFICES**  
**CAPILLAIRES AMELIORES**  
[72] MARINELLI, LUIGI, IT  
[72] VEGLIO, PAOLO, IT  
[72] CARLUCCI, GIOVANNI, IT  
[72] D'INCECCO, AMEDEO FRANCO, IT  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2001-09-17  
[86] 2000-03-31 (PCT/US2000/008809)  
[87] 2000-10-12 (WO2000/059433)  
[30] EP (99105192.1) 1999-04-01

---

[21] **2,368,207**  
[13] A1  
[51] **Int.Cl. 7F02B 63/02 7F01M 11/06**  
[25] EN  
[54] **FOUR-STROKE INTERNAL**  
**COMBUSTION ENGINE**  
[54] **MOTEUR A COMBUSTION**  
**INTERNE A QUATRE TEMPS**  
[72] HIRSCH, NICHOLAS ROBERT, US  
[72] SCHAEFER, MARK DONALD, US  
[72] HUBBARD, BRIAN, US  
[72] HOTZ, PETER, US  
[72] WIATROWSKI, DARRELL ALBERT,  
US  
[72] BRAUN, MICHAEL PAUL, US  
[72] BARTELT, RONALD LEE, US  
[71] BRIGGS & STRATTON  
CORPORATION, US  
[85] 2001-07-20  
[86] 2000-01-13 (PCT/US2000/000841)  
[87] 2000-07-27 (WO2000/043655)  
[30] US (60/117,215) 1999-01-25

---

[21] **2,368,209**  
[13] A1  
[51] **Int.Cl. 7H01M 8/00**  
[25] EN  
[54] **MOVABLE ANODE FUEL CELL**  
**BATTERY**  
[54] **BATTERIE DE PILES A**  
**COMBUSTIBLE COMPORTANT UNE**  
**ANODE MOBILE**  
[72] MORRIS, WILLIAM F., US  
[72] TSAI, TSEPIN, US  
[71] REVEO, INC., US  
[85] 2001-09-17  
[86] 2000-03-15 (PCT/US2000/006729)  
[87] 2000-09-21 (WO2000/055934)  
[30] US (09/268,150) 1999-03-15

---

[21] **2,368,214**  
[13] A1  
[51] **Int.Cl. 7C07K 14/415 7A61K 38/00**  
**7A61P 37/00**  
[25] EN  
[54] **ALLEVIATION OF THE**  
**ALLERGENIC POTENTIAL OF**  
**AIRBORNE AND CONTACT**  
**ALLERGENS BY THIOREDOXIN**  
[54] **DIMINUTION DU POTENTIEL**  
**ALLERGENIQUE D'ALLERGENES**  
**PORTES PAR L'AIR OU AGISSANT**  
**PAR CONTACT A L'AIDE DE**  
**THIOREDOXINE**  
[72] YEE, BOIHON C., US  
[72] BUCHANAN, BOB B., US  
[72] WONG, JOSHUA H., US  
[72] FRICK, OSCAR L., US  
[72] DEL VAL, GREGORIO, US  
[72] LOZANO, ROSA M., ES  
[71] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[85] 2001-07-26  
[86] 2000-01-25 (PCT/US2000/001958)  
[87] 2000-08-03 (WO2000/044781)  
[30] US (09/238,379) 1999-01-27

---

[21] **2,368,217**  
[13] A1  
[51] **Int.Cl. 7A01K 67/027 7C12N 15/09**  
**7G01N 33/15 7G01N 33/50**  
[25] EN  
[54] **BACTERIAL CELL COMPONENT-**  
**UNRESPONSIVE MODEL MOUSE**  
[54] **MODELE MURIN NE REPENDANT**  
**PAS AUX COMPOSANTS**  
**CELLULAIRES BACTERIENS**  
[72] TAKEUCHI, OSAMU, JP  
[72] TAKEDA, KIYOSHI, JP  
[72] AKIRA, SHIZUO, JP  
[71] JAPAN SCIENCE AND  
TECHNOLOGY CORPORATION, JP  
[85] 2001-07-13  
[86] 2000-01-13 (PCT/JP2000/000132)  
[87] 2000-07-20 (WO2000/041561)  
[30] JP (11/7365) 1999-01-14  
[30] JP (11/228282) 1999-08-12  
[30] JP (11/309238) 1999-10-29

## Demandes PCT entrant en phase nationale

---

[21] **2,368,224**  
[13] A1  
[51] **Int.Cl. 7A61J 17/02**  
[25] EN  
[54] **TWO-PART TEETHING HANDLE FOR INFANT PACIFIER**  
[54] **ANNEAU DE DENTITION EN DEUX PARTIES POUR SUCETTE DE BEBES**  
[72] THOE, GERALD A., US  
[72] JOHANSEN, JEAN L., US  
[72] MEYERS, BRENDA JEAN, US  
[71] GERBER PRODUCTS COMPANY, US  
[85] 2001-07-17  
[86] 2000-03-09 (PCT/EP2000/002063)  
[87] 2000-09-14 (WO2000/053147)  
[30] US (09/266,347) 1999-03-11

---

[21] **2,368,236**  
[13] A1  
[51] **Int.Cl. 7C08K 3/00 7C08L 69/00 7C08K 3/22**  
[25] EN  
[54] **UTILISATION OF ALUMINIUM COMPOUNDS FOR IMPROVING ANTISTATIC PROPERTIES**  
[54] **UTILISATION DE COMPOSES D'ALUMINIUM POUR AMELIORER LES PROPRIETES ANTISTATIQUES**  
[72] WITTMANN, DIETER, DE  
[72] ZOBEL, MICHAEL, DE  
[72] ECKEL, THOMAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-08-01  
[86] 2000-01-27 (PCT/EP2000/000604)  
[87] 2000-08-10 (WO2000/046286)  
[30] DE (199 04 393.0) 1999-02-04

---

[21] **2,368,239**  
[13] A1  
[51] **Int.Cl. 7A01N 63/00**  
[25] EN  
[54] **PEST CONTROLLING**  
[54] **LUTTE CONTRE LES RAVAGEURS**  
[72] THIES, CURT, US  
[71] THIES TECHNOLOGY, US  
[85] 2001-08-16  
[86] 2000-02-17 (PCT/US2000/004004)  
[87] 2000-08-24 (WO2000/048465)  
[30] US (09/253,853) 1999-02-19

---

[21] **2,368,242**  
[13] A1  
[51] **Int.Cl. 7A61K 45/06 7A61P 27/06 7A61K 31/135 7A61K 31/445 7A61K 31/495 7A61K 31/535 7A61K 31/557**  
[25] EN  
[54] **COMBINATION THERAPY FOR TREATING GLAUCOMA**  
[54] **THERAPIE COMBINEE POUR LE TRAITEMENT DU GLAUCOME**  
[72] DESANTIS, LOUIS JR., US  
[71] ALCON LABORATORIES, INC., US  
[85] 2001-08-07  
[86] 1999-03-12 (PCT/US1999/005423)  
[87] 2000-09-21 (WO2000/054810)

---

[21] **2,368,243**  
[13] A1  
[51] **Int.Cl. 7A61N 1/30**  
[25] EN  
[54] **CENTRAL VENOUS LINE CATHETER HAVING TEMPERATURE CONTROL SYSTEM**  
[54] **CATHETER A LIGNE VEINEUSE CENTRALE DOTE D'UN SYSTEME DE CONTROLE DE TEMPERATURE**  
[72] ALIBERTO, ANTHONY C., US  
[71] EVANS, SCOTT M., US  
[71] ALSIUS CORPORATION, US  
[71] WORTHEN, WILLIAM J., US  
[85] 2001-08-16  
[86] 2000-02-18 (PCT/US2000/004306)  
[87] 2000-08-24 (WO2000/048670)  
[30] US (09/253,109) 1999-02-19

---

[21] **2,368,258**  
[13] A1  
[51] **Int.Cl. 7H01M 4/86 7H01M 4/66**  
[25] EN  
[54] **GAS DIFFUSION SUBSTRATES**  
[54] **SUBSTRATS DE DIFFUSION GAZEUSE**  
[72] BROWN, KAREN LEANNE, GB  
[72] GASCOYNE, JOHN MALCOLM, GB  
[72] RALPH, THOMAS ROBERTSON, GB  
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB  
[85] 2001-09-12  
[86] 2000-02-09 (PCT/GB2000/000382)  
[87] 2000-09-21 (WO2000/055933)  
[30] GB (9905950.3) 1999-03-16

---

[21] **2,368,260**  
[13] A1  
[51] **Int.Cl. 7H01P 1/203 7H01B 12/02**  
[25] EN  
[54] **HIGH TEMPERATURE SUPERCONDUCTOR TUNABLE FILTER**  
[54] **FILTRE ACCORDABLE UTILISANT UN MATERIAU SUPRACONDUCTEUR A HAUTE TEMPERATURE**  
[72] EDEN, RICHARD C., US  
[72] MATTHAEI, GEORGE L., US  
[72] WILLEMSSEN, BALAM A., US  
[71] SUPERCONDUCTOR TECHNOLOGIES, INC., US  
[85] 2001-09-12  
[86] 2000-03-08 (PCT/US2000/006023)  
[87] 2000-09-21 (WO2000/055936)  
[30] US (09/268,786) 1999-03-16

---

[21] **2,368,262**  
[13] A1  
[51] **Int.Cl. 7H04R 1/02**  
[25] EN  
[54] **GEOPHONE WITH MOUNTED CONNECTORS**  
[54] **GEOPHONE A CONNECTEURS MONTES**  
[72] FABER, C. A. M., NL  
[71] INPUT/OUTPUT, INC., US  
[85] 2001-09-12  
[86] 2000-03-13 (PCT/US2000/006547)  
[87] 2000-09-21 (WO2000/056117)  
[30] US (60/124,410) 1999-03-15  
[30] US (60/125,076) 1999-03-17

---

[21] **2,368,265**  
[13] A1  
[51] **Int.Cl. 7H01L 21/768 7H01L 23/522**  
[25] EN  
[54] **ELECTRON BEAM PROCESS DURING DAMASCENE PROCESSING**  
[54] **PROCESSUS UTILISANT UN FAISCEAU ELECTRONIQUE DANS UN PROCEDURE DE DAMASQUINAGE**  
[72] ROSS, MATTHEW, US  
[71] ELECTRON VISION CORPORATION, US  
[85] 2001-09-12  
[86] 2000-03-16 (PCT/US2000/006893)  
[87] 2000-09-21 (WO2000/055902)  
[30] US (09/270,536) 1999-03-17

## PCT Applications Entering the National Phase

---

[21] **2,368,268**  
[13] A1  
[51] **Int.Cl. 7C07D 487/22 7A61K 49/00 7A61P 35/00 7A61K 31/395**  
[25] EN  
[54] **PORPHYRIN COMPOUND**  
[54] **COMPOSE PORPHYRINE**  
[72] NAKAJIMA, SUSUMU, JP  
[72] NAKAE, YOSHINORI, JP  
[72] SAKATA, ISAO, JP  
[71] PHOTOCHEMICAL CO., LTD., JP  
[85] 2001-07-20  
[86] 2000-11-29 (PCT/JP2000/008386)  
[87] 2001-06-07 (WO2001/040234)  
[30] JP (11/339330) 1999-11-30

---

[21] **2,368,271**  
[13] A1  
[51] **Int.Cl. 7A61N 1/00**  
[25] EN  
[54] **CERAMIC CASE ASSEMBLY FOR A MICROSTIMULATOR**  
[54] **ASSEMBLAGE D'ETUI EN CERAMIQUE DESTINE A UN MICROSTIMULATEUR**  
[72] SCHULMAN, JOSEPH H., US  
[71] ALFRED E. MANN FOUNDATION, US  
[85] 2001-09-20  
[86] 2000-03-22 (PCT/US2000/007555)  
[87] 2000-09-28 (WO2000/056394)  
[30] US (60/125,872) 1999-03-24

---

[21] **2,368,272**  
[13] A1  
[51] **Int.Cl. 7G01N 21/45 7G01B 11/06**  
[25] EN  
[54] **APPARATUS FOR MEASURING PHYSICAL PROPERTIES OF A SAMPLE**  
[54] **INSTRUMENT PERMETTANT DE MESURER LES PROPRIETES PHYSIQUES D'UN ECHANTILLON**  
[72] MATSUDA, OSAMU, JP  
[72] WRIGHT, OLIVER B., JP  
[72] HURLEY, DAVID H., US  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2001-08-13  
[86] 2000-06-21 (PCT/JP2000/004032)  
[87] 2001-08-23 (WO2001/061322)  
[30] JP (2000-038982) 2000-02-17

---

[21] **2,368,278**  
[13] A1  
[51] **Int.Cl. 7G01N 21/45 7G01B 11/06**  
[25] EN  
[54] **APPARATUS FOR MEASURING PHYSICAL PROPERTIES OF A SAMPLE**  
[54] **INSTRUMENT PERMETTANT DE MESURER LES PROPRIETES PHYSIQUES D'UN ECHANTILLON**  
[72] WRIGHT, OLIVER B., JP  
[72] HURLEY, DAVID H., US  
[72] MATSUDA, OSAMU, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2001-08-14  
[86] 2000-06-21 (PCT/JP2000/004029)  
[87] 2001-08-23 (WO2001/061321)  
[30] JP (2000/38980) 2000-02-17

---

[21] **2,368,284**  
[13] A1  
[51] **Int.Cl. 7C11D 1/62 7A61C 19/00 7A61B 1/12**  
[25] EN  
[54] **AGENTS FOR CLEANING AND DISINFECTING SURFACES**  
[54] **PRODUITS POUR EFFECTUER UN NETTOYAGE DESINFECTANT DE SURFACES**  
[72] SCHUMACHER, HENNING, GB  
[71] SCHUMACHER, HENNING, GB  
[85] 2001-08-16  
[86] 2000-02-18 (PCT/EP2000/001334)  
[87] 2000-08-24 (WO2000/049118)  
[30] DE (199 07 120.9) 1999-02-19

---

[21] **2,368,286**  
[13] A1  
[51] **Int.Cl. 7C08K 5/32 7C08K 5/10 7C08K 5/526**  
[25] EN  
[54] **OLEFIN POLYMER COMPOSITION HAVING LOW SMOKE GENERATION AND FIBER, FILM AND FABRIC PREPARED THEREFROM**  
[54] **COMPOSITION DE POLYMERE OLEFINIQUE PRESENTANT UN FAIBLE DEGAGEMENT DE FUMEEES, ET FIBRE, FEUILLE ET TEXTILE PREPARES AVEC CETTE COMPOSITION**  
[72] BECKER, RONALD F., US  
[71] BASELL TECHNOLOGY COMPANY BV, NL  
[85] 2001-08-16  
[86] 2000-12-08 (PCT/IB2000/001830)  
[87] 2001-06-21 (WO2001/044362)  
[30] US (09/465,851) 1999-12-17

---

[21] **2,368,296**  
[13] A1  
[51] **Int.Cl. 7B05D 1/34 7D21H 27/00 7C09J 7/04 7B05D 5/08**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF D'ENDUCTION D'UN SUPPORT AU MOYEN D'UNE COMPOSITION SILICONE RETICULABLE**  
[54] **METHOD AND DEVICE FOR COATING A SUPPORT USING A CROSSLINKABLE SILICONE COMPOSITION**  
[72] MIRABEL, BERNARD, FR  
[72] LIEVRE, ANDRE, FR  
[72] DESNE, FRANCOIS, FR  
[72] POUCHELON, ALAIN, FR  
[72] BENAYOUN, JEAN-PAUL, FR  
[72] MIROU, CHRISTIAN, FR  
[72] GUYOT, CHRISTOPHE, FR  
[71] RHODIA CHIMIE, FR  
[85] 2001-09-17  
[86] 2000-02-21 (PCT/FR2000/000428)  
[87] 2000-09-28 (WO2000/056468)  
[30] US (09/273,799) 1999-03-19

---

[21] **2,368,299**  
[13] A1  
[51] **Int.Cl. 7C08K 3/04 7C08L 67/06**  
[25] EN  
[54] **CONDUCTIVE MOLDING COMPOSITIONS AND ARTICLES MOLDED THEREFROM**  
[54] **COMPOSITIONS A MOULER CONDUCTRICES ET ARTICLES AINSI MOULES**  
[72] REX, GARY CHARLES, US  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[85] 2001-08-16  
[86] 2000-02-18 (PCT/US2000/004262)  
[87] 2000-08-24 (WO2000/049076)  
[30] US (60/120,677) 1999-02-19

## Demandes PCT entrant en phase nationale

---

[21] **2,368,304**  
[13] A1  
[51] **Int.Cl. 7H02M 3/28 7H02M 7/00 7H02M 3/335**  
[25] EN  
[54] **SYSTEM AND METHOD FOR EQUALIZING POWER FROM TWO POWER SOURCES**  
[54] **SYSTEME ET PROCEDE D'EGALISATION DE PUISSANCE PROVENANT DE DEUX SOURCES D'ALIMENTATION**  
[72] JANSEN, ARIAN, US  
[71] NMB (USA) INC., US  
[85] 2001-09-12  
[86] 2000-03-10 (PCT/US2000/006305)  
[87] 2000-09-14 (WO2000/054397)  
[30] US (09/267,411) 1999-03-12

---

[21] **2,368,306**  
[13] A1  
[51] **Int.Cl. 7H01J 29/07**  
[25] EN  
[54] **COLOR PICTURE TUBE HAVING A LOW EXPANSION TENSION MASK**  
[54] **TUBE A IMAGE COULEUR DOTE D'UN MASQUE A TENSION A FAIBLE EXPANSION**  
[72] RAGLAND, FRANK ROWLAND JR., US  
[71] THOMSON LICENSING S.A., FR  
[85] 2001-09-20  
[86] 2000-03-27 (PCT/US2000/008043)  
[87] 2000-10-12 (WO2000/060635)  
[30] US (09/283,548) 1999-04-01

---

[21] **2,368,307**  
[13] A1  
[51] **Int.Cl. 6H04L 9/14 6H04L 9/20 6H04L 9/30**  
[25] EN  
[54] **VOICE AND DATA ENCRYPTION METHOD USING A CRYPTOGRAPHIC KEY SPLIT COMBINER**  
[54] **CRYPTAGE VOIX ET DONNEES AU MOYEN D'UN COMBINEUR DE FRACTIONS DE CLES CRYPTOGRAPHIQUES**  
[72] SCHEIDT, EDWARD M., US  
[71] TECSEC, INCORPORATED, US  
[85] 2001-09-11  
[86] 2000-03-10 (PCT/US2000/006110)  
[87] 2000-09-14 (WO2000/054455)  
[30] US (60/124,086) 1999-03-11

---

[21] **2,368,309**  
[13] A1  
[51] **Int.Cl. 7C07K 14/705**  
[25] EN  
[54] **PEPTIDE VARIANTS OF THE TUMOUR MARKER MUC1 AND THE USE THEREOF**  
[54] **VARIANTES PEPTIDIQUES DU MARQUEUR TUMORAL MUC1 ET LEUR UTILISATION**  
[72] HANISCH, FRANZ-GEORG, DE  
[72] MULLER, STEFAN, DE  
[71] HANISCH, FRANZ-GEORG, DE  
[85] 2001-08-14  
[86] 2000-02-17 (PCT/DE2000/000440)  
[87] 2000-08-24 (WO2000/049045)  
[30] DE (199 06 615.9) 1999-02-17

---

[21] **2,368,310**  
[13] A1  
[51] **Int.Cl. 7G02B 6/00 7G02B 6/10 7G02B 6/16 7C04B 35/18 7G02B 6/36**  
[25] EN  
[54] **TEMPERATURE COMPENSATION DEVICE FOR OPTICAL COMMUNICATION**  
[54] **DISPOSITIF DE CORRECTION DE LA TEMPERATURE POUR COMMUNICATION OPTIQUE**  
[72] MATANO, TAKAHIRO, JP  
[72] SAKAMOTO, AKIHIKO, JP  
[72] TAKEUCHI, HIROKAZU, JP  
[71] NIPPON ELECTRIC GLASS CO., LTD., JP  
[85] 2001-09-12  
[86] 2000-03-02 (PCT/JP2000/001239)  
[87] 2000-09-21 (WO2000/055659)  
[30] JP (11/67339) 1999-03-12

---

[21] **2,368,312**  
[13] A1  
[51] **Int.Cl. 7C08F 297/04**  
[25] EN  
[54] **TRANSPARENT, IMPACT-RESISTANT POLYSTYRENE ON A STYRENE-BUTADIENE BLOCK COPOLYMER BASIS**  
[54] **POLYSTYRENE TRANSPARENT ET RESISTANT AUX CHOCS A BASE DE COPOLYMERES BLOCS STYRENE-BUTADIENE**  
[72] NAEGELE, PAUL, DE  
[72] GAUSEPOHL, HERMANN, DE  
[72] KOCH, JURGEN, DE  
[72] FISCHER, WOLFGANG, DE  
[72] KNOLL, KONRAD, DE  
[72] WUNSCH, JOSEF, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-09-20  
[86] 2000-03-23 (PCT/EP2000/002568)  
[87] 2000-10-05 (WO2000/058380)  
[30] DE (199 14 075.8) 1999-03-27  
[30] US (09/471,288) 1999-12-23

---

[21] **2,368,320**  
[13] A1  
[51] **Int.Cl. 7G01N 21/45 7G01B 11/06**  
[25] EN  
[54] **INSTRUMENT FOR MEASURING PHYSICAL PROPERTY OF SAMPLE**  
[54] **INSTRUMENT DE MESURE DE LA PROPRIETE PHYSIQUE D'UN ECHANTILLON**  
[72] HURLEY, DAVID, US  
[72] MATSUDA, OSAMU, JP  
[72] WRIGHT, OLIVER, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2001-08-20  
[86] 2000-06-21 (PCT/JP2000/004033)  
[87] 2001-08-23 (WO2001/061323)  
[30] JP (2000/038981) 2000-02-17

## PCT Applications Entering the National Phase

---

[21] **2,368,327**  
[13] A1  
[51] **Int.Cl. 7G02B 6/22 7G02B 6/16**  
[25] EN  
[54] **LOW-DISPERSION OPTICAL FIBER AND OPTICAL TRANSMISSION SYSTEM USING THE LOW-DISPERSION OPTICAL FIBER**  
[54] **FIBRE OPTIQUE A FAIBLE DISPERSION, ET SYSTEME OPTIQUE DE TRANSMISSION L'UTILISANT**  
[72] TERADA, JUN, JP  
[72] AISO, KEIICHI, JP  
[72] ARAI, SHINICHI, JP  
[72] INOUE, KATSUNORI, JP  
[72] OYAMA, NAOTO, JP  
[72] SUGIZAKI, RYUICHI, JP  
[72] KOAIZAWA, HISASHI, JP  
[71] THE FURUKAWA ELECTRIC CO., LTD., JP  
[85] 2001-09-14  
[86] 2001-02-23 (PCT/JP2001/001353)  
[87] 2001-08-30 (WO2001/063329)  
[30] JP (2000-49089) 2000-02-25

---

[21] **2,368,333**  
[13] A1  
[51] **Int.Cl. 7C09D 7/06 7C09D 5/02 7C08K 5/10**  
[25] EN  
[54] **WATER BORNE FILM-FORMING COMPOSITIONS**  
[54] **COMPOSITIONS FILMOGENES HYDROSOLUBLES**  
[72] JIRATUMNUKUL, NANTANA, US  
[72] VAN DE MARK, MICHAEL R., US  
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US  
[85] 2001-08-16  
[86] 2000-03-21 (PCT/US2000/007409)  
[87] 2000-09-28 (WO2000/056823)  
[30] US (60/125,446) 1999-03-22

---

---

[21] **2,368,367**  
[13] A1  
[51] **Int.Cl. 7A61K 9/20 7A61K 9/22 7A61K 31/435 7A61K 31/44 7A61K 9/48 7A61K 9/54**  
[25] EN  
[54] **PHARMACEUTICAL DOSAGE FORM FOR PULSATILE DELIVERY OF METHYLPHENIDATE**  
[54] **FORME POSOLOGIQUE PHARMACEUTIQUE PERMETTANT L'ADMINISTRATION INTERMITTENTE DE METHYLPHENIDATE**  
[72] MIDHA, KAMAL K., BM  
[72] CHUNGI, SHUBHA, US  
[72] IORIO, THEODORE L., US  
[71] PHARMAQUEST LTD., BM  
[85] 2001-09-20  
[86] 2000-04-06 (PCT/US2000/009359)  
[87] 2000-10-12 (WO2000/059479)  
[30] US (60/127,984) 1999-04-06

---

[21] **2,368,372**  
[13] A1  
[51] **Int.Cl. 7H05K 1/09 7G03F 7/004**  
[25] EN  
[54] **ULTRAVIOLET CURABLE SILVER COMPOSITION AND RELATED METHOD**  
[54] **COMPOSITION D'ARGENT DURCISSABLE PAR ULTRAVIOLETS ET PROCEDE CORRESPONDANT**  
[72] KROHN, ROY C., US  
[71] ALLIED PHOTOCHEMICAL, INC., US  
[85] 2001-09-20  
[86] 2000-03-24 (PCT/US2000/008018)  
[87] 2000-10-19 (WO2000/062586)  
[30] US (09/291,774) 1999-04-14  
[30] US (09/413,577) 1999-10-06

---

---

[21] **2,368,380**  
[13] A1  
[51] **Int.Cl. 7C30B 23/00 7C30B 29/36**  
[25] EN  
[54] **METHOD FOR GROWING AN ALPHA-SIC VOLUME SINGLE CRYSTAL**  
[54] **PROCEDE DE CROISSANCE D'UN MONOCRISTAL VOLUMIQUE DE CARBURE DE SILICIUM ALPHA**  
[72] STEIN, RENE, DE  
[72] VOLKL, JOHANNES, DE  
[72] KUHN, HARALD, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2001-08-17  
[86] 2000-02-17 (PCT/DE2000/000446)  
[87] 2000-08-24 (WO2000/049207)  
[30] DE (199 07 143.8) 1999-02-19

---

[21] **2,368,400**  
[13] A1  
[51] **Int.Cl. 7C07H 17/08 7A61P 29/00 7A61K 31/70**  
[25] EN  
[54] **MACROLIDES WITH ANTI-INFLAMMATORY ACTIVITY**  
[54] **MACROLIDES A ACTIVITE ANTI-INFLAMMATOIRE**  
[72] BOTTA, DANIELA, IT  
[72] MORIGGI, ERMANNO, IT  
[72] PELLACINI, FRANCO, IT  
[72] ROMAGNANO, STEFANO, IT  
[72] PRADELLA, LORENZO, IT  
[71] ZAMBON GROUP S.P.A., IT  
[85] 2001-07-13  
[86] 2000-01-12 (PCT/EP2000/000163)  
[87] 2000-07-20 (WO2000/042055)  
[30] IT (MI99A000061) 1999-01-15

---

[21] **2,368,420**  
[13] A1  
[51] **Int.Cl. 7C07H 21/00**  
[25] EN  
[54] **CLEAVAGE OF NUCLEIC ACID FROM SOLID SUPPORTS**  
[54] **CLIVAGE D'UN ACIDE NUCLEIQUE A PARTIR DE SUPPORTS SOLIDES**  
[72] GOLDSBOROUGH, ANDREW, FR  
[71] GOLDSBOROUGH, ANDREW, FR  
[85] 2001-09-19  
[86] 2000-03-28 (PCT/GB2000/001190)  
[87] 2000-10-05 (WO2000/058329)  
[30] GB (9907245.6) 1999-03-29

## Demandes PCT entrant en phase nationale

[21] **2,368,427**  
[13] A1

[51] **Int.Cl. 7C12N 15/866 7A61K 48/00 7A61P 35/00 7A61K 38/19 7A61K 38/21 7A61K 39/39 7A61K 39/395 7A61K 35/64**  
[25] EN  
[54] **THERAPY OF CANCER BY INSECT CELLS CONTAINING RECOMBINANT BACULOVIRUS ENCODING GENES**  
[54] **THERAPIE DU CANCER AU MOYEN DE CELLULES D'INSECTES CONTENANT DES GENES CODANT UN BACULOVIRUS RECOMBINANT**  
[72] LU, WEIXIN, US  
[72] DHONG, ZHONGYUN, US  
[72] FIDLER, ISAAH J., US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2001-09-17  
[86] 2000-03-17 (PCT/US2000/007200)  
[87] 2000-09-21 (WO2000/055345)  
[30] US (09/271,013) 1999-03-17

[21] **2,368,447**  
[13] A1

[51] **Int.Cl. 7C07F 9/00**  
[25] EN  
[54] **SMALL MOLECULE MODULATORS OF G PROTEIN-COUPLED RECEPTOR SIX**  
[54] **MODULATEURS A PETITES MOLECULES DU RECEPTEUR SIX COUPLE A LA PROTEINE G**  
[72] CHALMERS, DEREK T., US  
[72] BEHAN, DOMINIC P., US  
[72] STRAH-PLYNET, SONJA, US  
[72] BEELEY, NIGEL R. A., US  
[72] MENZAGHI, FREDERIQUE, US  
[71] ARENA PHARMACEUTICALS, INC., US  
[85] 2001-08-24  
[86] 2000-02-25 (PCT/US2000/004945)  
[87] 2001-08-30 (WO2001/062765)  
[30] US (60/121,851) 1999-02-26  
[30] US (60/173,850) 1999-12-30  
[30] US (60/174,428) 2000-01-04  
[30] US (09/364,425) 1999-07-30

[21] **2,368,449**  
[13] A1

[51] **Int.Cl. 7C03C 27/06 7C03C 27/08 7G09F 9/30**  
[25] EN  
[54] **GLASS PANEL AND PRODUCTION METHOD THEREFOR**  
[54] **PANNEAU DE VERRE ET SON PROCEDE DE PRODUCTION**  
[72] SAKAGUCHI, KOICHI, JP  
[72] NAKAGAKI, SHIGEKI, JP  
[72] DOMI, SHINJIRO, JP  
[72] SUGANUMA, KATSUAKI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[85] 2001-09-20  
[86] 2000-03-22 (PCT/JP2000/001752)  
[87] 2000-10-05 (WO2000/058234)  
[30] JP (11/82609) 1999-03-25  
[30] JP (11/165366) 1999-06-11

[21] **2,368,461**  
[13] A1

[51] **Int.Cl. 7C12N 15/65 7C07K 14/00 7C12N 9/04 7G01N 27/26 7C12Q 1/32 7C12N 15/62**  
[25] EN  
[54] **GLUCOSE DEHYDROGENASE FUSION PROTEINS AND THEIR UTILIZATION IN EXPRESSION SYSTEMS**  
[54] **PROTEINES DE FUSION DE GLUCOSE DESHYDROGENASE ET LEUR UTILISATION DANS DES SYSTEMES D'EXPRESSION**  
[72] BURGER, CHRISTA, DE  
[72] LINXWEILER, WINFRIED, DE  
[72] WOLF, ANDREA, DE  
[72] HOFMANN, UWE, DE  
[72] POSCHKE, OLIVER, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2001-08-17  
[86] 2000-02-08 (PCT/EP2000/000978)  
[87] 2000-08-24 (WO2000/049039)  
[30] DE (199 06 920.4) 1999-02-19

[21] **2,368,473**  
[13] A1

[51] **Int.Cl. 7A61N 1/30**  
[25] EN  
[54] **DEVICE FOR IONTOPHORETIC TRANSCUTANEOUS ADMINISTRATION OF MOLECULES**  
[54] **DISPOSITIF DESTINE A L'ADMINISTRATION IONTOPHORETIQUE TRANSCUTANEE DE MOLECULES**  
[72] PADUANO, GUIDO, IT  
[72] SARTORI, MASSIMO, IT  
[72] D'AFRICA, ANTONINO, IT  
[71] PADUANO, GUIDO, IT  
[71] SARTORI, MASSIMO, IT  
[71] D'AFRICA, ANTONINO, IT  
[85] 2001-09-20  
[86] 2000-03-20 (PCT/IT2000/000092)  
[87] 2000-09-28 (WO2000/056400)  
[30] IT (FI99A000055) 1999-03-22

[21] **2,368,475**  
[13] A1

[51] **Int.Cl. 7A23G 3/00**  
[25] EN  
[54] **NUTRITIONAL FOOD BAR FOR SUSTAINED ENERGY**  
[54] **BARRE ALIMENTAIRE FONCTIONNELLE POUR APPORT ENERGETIQUE DURABLE**  
[72] MODY, SEEMA K., US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2001-08-27  
[86] 2001-03-01 (PCT/US2001/006553)  
[87] 2001-09-07 (WO2001/064044)  
[30] US (60/186,646) 2000-03-02

[21] **2,368,511**  
[13] A1

[51] **Int.Cl. 7D01F 8/04 7A61L 17/00**  
[25] EN  
[54] **BICOMPONENT MICROFIBERS**  
[54] **MICROFIBRES A DEUX COMPOSANTS**  
[72] RUTHERFORD, DENISE R., US  
[72] LINDQUIST, TIMOTHY J., US  
[72] SCHLEI, DIETMER, US  
[72] PATNODE, GREGG A., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-07-16  
[86] 1999-06-10 (PCT/US1999/013098)  
[87] 2000-07-27 (WO2000/043579)  
[30] US (09/236,864) 1999-01-25

## PCT Applications Entering the National Phase

---

[21] **2,368,526**  
[13] A1

[51] **Int.Cl. 7F16L 13/14**  
[25] EN  
[54] **FITTING OR MOUNTING FOR PRODUCING A PRESS JOINT WITH AN INSERTED TUBE END**  
[54] **RACCORD OU GARNITURE POUR ETABLIR UN RACCORDEMENT SERRE AVEC UN EMBOUT TUBULAIRE EMBOITE**  
[72] VIEGENER, WALTER, DE  
[71] FRANZ VIEGENER II GMBH & CO. KG, DE  
[85] 2001-09-20  
[86] 2000-07-15 (PCT/EP2000/006777)  
[87] 2001-08-30 (WO2001/063160)  
[30] DE (100 07 914.8) 2000-02-21

---

[21] **2,368,530**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04L 9/32**  
[25] EN  
[54] **INTEGRITY CHECK IN A COMMUNICATION SYSTEM**  
[54] **CONTROLE D'INTEGRITE DANS UN SYSTEME DE COMMUNICATION**  
[72] VIALEN, JUKKA, FI  
[72] NIEMI, VALTTERI, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2001-09-20  
[86] 2001-01-23 (PCT/EP2001/000735)  
[87] 2001-08-30 (WO2001/063954)  
[30] GB (0004178.0) 2000-02-22

---

[21] **2,368,537**  
[13] A1

[51] **Int.Cl. 7A61K 31/135 7A61P 11/00**  
[25] EN  
[54] **COMBINATIONS OF FORMOTEROL AND FLUTICASONE PROPIONATE FOR ASTHMA**  
[54] **COMBINAISONS DE FORMOTEROL ET DE FLUTICASONE PROPIONATE POUR LE TRAITEMENT DE L'ASTHME**  
[72] HASSAN, IAN FRANCIS, US  
[72] DANAHAY, HENRY LUKE, GB  
[72] CLARKE, JEREMY GUY, GB  
[71] NOVARTIS AG, CH  
[85] 2001-08-17  
[86] 2000-02-16 (PCT/EP2000/001270)  
[87] 2000-08-24 (WO2000/048587)  
[30] GB (9903759.0) 1999-02-18

---

---

[21] **2,368,539**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/17 7C07K 16/18 7A61K 39/395 7C07K 14/47 7A61K 31/70**  
[25] EN  
[54] **TUMOR-ASSOCIATED ANTIGEN**  
[54] **ANTIGENE ASSOCIE A UNE TUMEUR**  
[72] HEIDER, KARL-HEINZ, AT  
[72] SOMMERGRUBER, WOLFGANG, AT  
[72] ADOLF, GUNTHER, AT  
[72] KLADE, CHRISTOPH ST., AT  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2001-08-23  
[86] 2000-02-29 (PCT/EP2000/001680)  
[87] 2000-09-08 (WO2000/052157)  
[30] DE (199 09 503.5) 1999-03-04

---

[21] **2,368,573**  
[13] A1

[51] **Int.Cl. 7H01R 24/00**  
[25] EN  
[54] **VERTICAL AND RIGHT ANGLE MODULAR OUTLETS**  
[54] **SORTIES MODULAIRES VERTICALES ET A ANGLE DROIT**  
[72] VIKLUND, MARK, US  
[72] STODDART, DEAN, US  
[71] THE SIEMON COMPANY, US  
[85] 2001-09-20  
[86] 2001-02-06 (PCT/US2001/040042)  
[87] 2001-08-09 (WO2001/057968)  
[30] US (09/499,509) 2000-02-07

---

[21] **2,368,590**  
[13] A1

[51] **Int.Cl. 7C12N 5/10 7C12N 15/09 7C12N 15/11 7C12N 15/12 7C12N 15/63**  
[25] EN  
[54] **HUMAN HAC3**  
[54] **HAC3 HUMAINS**  
[72] JEGLA, TIMOTHY JAMES, US  
[71] ICAGEN, INC., US  
[85] 2001-10-30  
[86] 2000-04-13 (PCT/US2000/009865)  
[87] 2000-10-26 (WO2000/063349)  
[30] US (60/129,456) 1999-04-15

---

---

[21] **2,368,592**  
[13] A1

[51] **Int.Cl. 7B41F 31/02**  
[25] EN  
[54] **DOCTOR BLADE**  
[54] **RACLE**  
[72] FRETI, SILVANO, CH  
[72] PEREZ, JAIME, CH  
[72] CREVOISIER, PHILIPPE, FR  
[71] BTG ECLEPENS S.A., CH  
[85] 2001-09-21  
[86] 2001-01-23 (PCT/EP2001/000723)  
[87] 2001-08-23 (WO2001/060620)  
[30] SE (0000215-4) 2000-01-25

---

[21] **2,368,673**  
[13] A1

[51] **Int.Cl. 7A61K 39/12 7C12N 7/08 7A61P 31/14 7C12N 15/40**  
[25] EN  
[54] **ATTENUATED DENGUE-4 VIRUS VACCINE**  
[54] **VACCIN CONTRE LE VIRUS 4 ATTENU DE LA DENGUE**  
[72] ECKELS, KENNETH H., US  
[72] VAUGHN, DAVID W., US  
[72] HOKE, CHARLES H., US  
[72] DUBOIS, DORIA R., US  
[72] INNIS, BRUCE L., US  
[72] PUTNAK, JOSEPH R., US  
[71] WALTER REED ARMY INSTITUTE OF RESEARCH, US  
[85] 2001-09-21  
[86] 2000-03-24 (PCT/US2000/008277)  
[87] 2000-10-05 (WO2000/057910)  
[30] US (60/126,318) 1999-03-26  
[30] US (60/182,068) 2000-02-11

---

[21] **2,368,674**  
[13] A1

[51] **Int.Cl. 7A61K 39/12**  
[25] EN  
[54] **MULTIVALENT DENGUE VIRUS VACCINE**  
[54] **VACCIN MULTIVALENT CONTRE LE VIRUS DU DENGUE**  
[72] PUTNAK, JOSEPH R., US  
[72] ECKELS, KENNETH H., US  
[72] NIRANJAN, KANESA-THASAN, US  
[72] WELLINGTON, SUN, US  
[72] DUBOIS, DORIA R., US  
[72] HOKE, CHARLES H., US  
[72] INNIS, BRUCE L., US  
[71] WALTER REED ARMY INSTITUTE OF RESEARCH, US  
[85] 2001-09-21  
[86] 2000-03-24 (PCT/US2000/008199)  
[87] 2000-10-05 (WO2000/057907)  
[30] US (60/126,313) 1999-03-26  
[30] US (60/181,724) 2000-02-11

---

## Demandes PCT entrant en phase nationale

[21] **2,368,707**  
[13] A1

[51] **Int.Cl. 7A61B 8/00 7A61B 8/12**  
[25] EN  
[54] **INTRABODY HIFU APPLICATOR**  
[54] **APPLICATEUR HIFU**  
**INTRACORPOREL**  
[72] ACKER, DAVID E., US  
[72] PANT, BHARAT B., US  
[72] HARHEN, EDWARD PAUL, US  
[71] TRANSURGICAL, INC., US  
[85] 2001-08-01  
[86] 2000-02-02 (PCT/US2000/002644)  
[87] 2000-08-10 (WO2000/045706)  
[30] US (60/118,432) 1999-02-02

[21] **2,368,758**  
[13] A1

[51] **Int.Cl. 7C07C 209/42 7C07D 231/44**  
**7C07C 211/45 7C07D 213/73**  
[25] EN  
[54] **PROCESSES FOR PREPARING**  
**PESTICIDAL INTERMEDIATES**  
[54] **PROCEDES DESTINES A LA**  
**PREPARATION DE PRODUITS**  
**INTERMEDIAIRES PESTICIDES**  
[72] VERSPROUMY, PIERRE, FR  
[72] VANGELISTI, MANUEL, FR  
[72] PERRIN-JANET, GILLES, FR  
[72] ANCEL, JEAN-ERICK, FR  
[71] AVENTIS CROPS SCIENCE S.A., FR  
[85] 2001-09-20  
[86] 2000-03-30 (PCT/EP2000/003103)  
[87] 2000-10-12 (WO2000/059862)  
[30] GB (9907458.5) 1999-03-31

[21] **2,368,775**  
[13] A1

[51] **Int.Cl. 7A61K 31/675 7A61P 9/10**  
**7A61K 31/4415**  
[25] EN  
[54] **USE OF PYRIDOXINE**  
**COMPOUNDS FOR TREATMENT OF**  
**CARDIOVASCULAR AND RELATED**  
**PATHOLOGIES**  
[54] **TRAITEMENT DE PATHOLOGIES**  
**CARDIOVASCULAIRES ET**  
**APPARENTEES**  
[72] DHALLA, NARANJAN S., CA  
[72] SETHI, RAJAT, CA  
[72] DAKSHINAMURTI,  
KRISHNAMURTI, CA  
[71] MEDICURE INC., CA  
[71] THE UNIVERSITY OF MANITOBA,  
CA  
[85] 2001-09-20  
[86] 2000-03-22 (PCT/IB2000/000340)  
[87] 2000-10-05 (WO2000/057863)  
[30] US (09/276,280) 1999-03-25

[21] **2,368,777**  
[13] A1

[51] **Int.Cl. 7G02B 5/122 7G02B 5/124**  
[25] EN  
[54] **STRUCTURED SURFACE**  
**ARTICLES CONTAINING**  
**GEOMETRIC STRUCTURES WITH**  
**COMPOUND FACES AND METHODS**  
**FOR MAKING SAME**  
[54] **ARTICLES A SURFACE**  
**STRUCTUREE COMPORTANT DES**  
**STRUCTURES GEOMETRIQUES A**  
**FACES COMPOSITES ET PROCEDES**  
**DE FABRICATION DESDITS**  
**ARTICLES**  
[72] BENSON, GERALD M., US  
[72] SMITH, KENNETH L., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2001-09-20  
[86] 1999-04-07 (PCT/US1999/007618)  
[87] 2000-10-12 (WO2000/060385)

[21] **2,368,782**  
[13] A1

[51] **Int.Cl. 7H01H 3/30**  
[25] EN  
[54] **A STORED ENERGY CIRCUIT**  
**BREAKER OPERATOR APPARATUS**  
[54] **APPAREIL SERVANT A ACTIVER**  
**UN DISJONCTEUR A ENERGIE**  
**ACCUMULEE**  
[72] RAMEY, MILTON E., US  
[72] ROBBINS, W. DALE, US  
[72] REAGAN, PAUL D., US  
[72] BOLLINGER, PARKER A. JR., US  
[72] BLESSITT, JAMES H., US  
[72] STEGALL, JILL, US  
[71] SIEMENS ENERGY &  
AUTOMATION, INC., US  
[85] 2001-09-20  
[86] 2000-03-24 (PCT/US2000/007933)  
[87] 2000-10-05 (WO2000/058984)  
[30] US (09/277,932) 1999-03-29

[21] **2,368,790**  
[13] A1

[51] **Int.Cl. 7A61K 39/12 7C12N 7/08**  
**7A61P 31/14 7C12N 15/40**  
[25] EN  
[54] **ATTENUATED DENGUE-3 VIRUS**  
**VACCINE**  
[54] **VACCIN A BASE DE VIRUS DE**  
**DENGUE-3 ATTENUE**  
[72] DUBOIS, DORIA R., US  
[72] VAUGHN, DAVID, US  
[72] PUTNAK, JOSEPH R., US  
[72] ECKELS, KENNETH H., US  
[72] HOKE, CHARLES H., US  
[72] INNIS, BRUCE L., US  
[71] WALTER REED ARMY INSTITUTE  
OF RESEARCH, US  
[85] 2001-09-20  
[86] 2000-03-24 (PCT/US2000/008134)  
[87] 2000-10-05 (WO2000/057904)  
[30] US (60/126,311) 1999-03-26  
[30] US (60/182,063) 2000-02-11

[21] **2,368,833**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/47**  
[25] EN  
[54] **GENES EXPRESSED IN**  
**HIPPOCAMPUS**  
[54] **MOLECULES EXPRIMEES DANS**  
**L'HIPPOCAMPE**  
[72] TANG, Y. TOM, US  
[72] BAUGHN, MARIAH R., US  
[72] YUE, HENRY, US  
[72] LAL, PREETI, US  
[72] AZIMZAI, YALDA, US  
[72] KASER, MATTHEW R., US  
[71] INCYTE GENOMICS, INC., US  
[85] 2001-11-14  
[86] 2000-05-10 (PCT/US2000/013046)  
[87] 2000-11-23 (WO2000/070036)  
[30] US (09/313,300) 1999-05-17

## PCT Applications Entering the National Phase

[21] **2,368,844**  
[13] A1

[51] **Int.Cl. 7A41D 13/00**  
[25] EN  
[54] **FLAT-FOLDED PERSONAL RESPIRATORY PROTECTION DEVICES AND PROCESSES FOR PREPARING SAME**  
[54] **DISPOSITIFS PERSONNELS DE PROTECTION RESPIRATOIRE PLIES A PLAT ET PROCEDES DE PREPARATION ASSOCIES**  
[72] CHEN, DANIEL T., US  
[72] NOURI, DANA W., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-08-16  
[86] 1999-05-26 (PCT/US1999/011575)  
[87] 2000-08-24 (WO2000/048481)  
[30] US (09/250,825) 1999-02-17

[21] **2,368,916**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C07K 14/00 7C07K 16/00 7C12N 15/00 7G01N 33/53 7C12N 15/63 7C12Q 1/68 7C12N 15/85 7C12N 15/86**  
[25] EN  
[54] **49 HUMAN SECRETED PROTEINS**  
[54] **49 PROTEINES HUMAINES SECRETEES**  
[72] ROSEN, CRAIG A., US  
[72] RUBEN, STEVEN M., US  
[72] KOMATSOUKIS, GEORGE, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-09-21  
[86] 2000-03-16 (PCT/US2000/006765)  
[87] 2000-09-28 (WO2000/056753)  
[30] US (60/126,051) 1999-03-23  
[30] US (60/169,906) 1999-12-10

[21] **2,368,944**  
[13] A1

[51] **Int.Cl. 7C12N 15/45 7C12P 21/02**  
[25] EN  
[54] **RNP ORIGINATING IN PARAMYXOVIRUS**  
[54] **RIBONUCLEOPROTEINE DERIVEE D'UN PARAMYXOVIRUS**  
[72] HIRATA, TAKAHIRO, JP  
[72] KUMA, HIDEKAZU, JP  
[72] UEDA, YASUJI, JP  
[72] HASEGAWA, MAMORU, JP  
[72] ASAKAWA, MAKOTO, JP  
[72] LI, HAI-OU, JP  
[72] SHU, TSUGUMINE, JP  
[72] IIDA, AKIHIRO, JP  
[71] DNAVEC RESEARCH INC., JP  
[85] 2001-09-28  
[86] 2000-05-18 (PCT/JP2000/003194)  
[87] 2000-11-23 (WO2000/070055)  
[30] JP (11/200740) 1999-05-18

[21] **2,368,948**  
[13] A1

[51] **Int.Cl. 7C12N 15/86 7C12N 7/01 7C12N 5/10 7C12N 15/45**  
[25] EN  
[54] **PARAMYXOVIRIDAE VIRUS VECTOR DEFECTIVE IN ENVELOPE GENE**  
[54] **VECTEUR DE VIRUS PARAMYXOVIRIDAE DEFECTUEUX DANS UN GENE ENVELOPPE**  
[72] SHU, TSUGUMINE, JP  
[72] TOKITOU, FUMINO, JP  
[72] LI, HAI-OU, JP  
[72] HIRATA, TAKAHIRO, JP  
[72] TOKUSUMI, TSUYOSHI, JP  
[72] ASAKAWA, MAKOTO, JP  
[72] KUMA, HIDEKAZU, JP  
[72] HASEGAWA, MAMORU, JP  
[72] IIDA, AKIHIRO, JP  
[72] UEDA, YASUJI, JP  
[71] DNAVEC RESEARCH INC., JP  
[85] 2001-09-28  
[86] 2000-05-18 (PCT/JP2000/003195)  
[87] 2000-11-23 (WO2000/070070)  
[30] JP (11/200739) 1999-05-18

[21] **2,368,955**  
[13] A1

[51] **Int.Cl. 7G01K 1/08**  
[25] EN  
[54] **THERMOMETER PROBE FOR USE WITH DISPOSABLE PROBE COVER**  
[54] **SONDE THERMOMETRIQUE S'UTILISANT AVEC UN CAPUCHON JETABLE**  
[72] O'LEARY, STEPHEN H., US  
[71] ALARIS MEDICAL SYSTEMS, INC., US  
[85] 2001-08-24  
[86] 2000-02-28 (PCT/US2000/004958)  
[87] 2000-09-08 (WO2000/052438)  
[30] US (09/261,611) 1999-02-28

[21] **2,368,957**  
[13] A1

[51] **Int.Cl. 7G05D 16/20 7F02D 35/00 7F02M 19/02 7F02M 21/02**  
[25] EN  
[54] **HIGH VOLUME ELECTRONIC GAS REGULATOR**  
[54] **REGULATEUR DE GAZ ELECTRONIQUE A VOLUME ELEVE**  
[72] HILL, SHELDON, CA  
[72] SULATISKY, MICHAEL, CA  
[71] SASKATCHEWAN RESEARCH COUNCIL, CA  
[85] 2001-11-30  
[86] 2001-01-31 (PCT/CA2001/000079)  
[87] 2001-08-16 (WO2001/059537)  
[30] CA (2,298,324) 2000-02-09

[21] **2,368,965**  
[13] A1

[51] **Int.Cl. 7C07K 16/18 7C12N 5/12 7C12N 15/12 7A61K 39/395**  
[25] EN  
[54] **RECOMBINANT IL-18 ANTAGONISTS USEFUL IN TREATMENT OF IL-18 MEDIATED DISORDERS**  
[54] **ANTAGONISTES D'IL-18 RECOMBINES S'UTILISANT POUR LE TRAITEMENT DE TROUBLES ASSOCIES A IL-18**  
[72] HOLMES, STEPHEN D., GB  
[72] ABDEL-MEGUID, SHERIN S., US  
[72] HO, YEN SEN, US  
[72] TAYLOR, ALEXANDER H., US  
[71] SMITHKLINE BEECHAM PLC, GB  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2001-09-19  
[86] 2000-03-17 (PCT/US2000/007349)  
[87] 2000-09-28 (WO2000/056771)  
[30] US (60/125,299) 1999-03-19

## Demandes PCT entrant en phase nationale

[21] **2,368,977**  
[13] A1

[51] **Int.Cl. 7A61F 5/48**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PLACEMENT OF A BLADDER OUTPUT CONTROL DEVICE**  
[54] **TECHNIQUE DE MISE EN PLACE D'UN DISPOSITIF DE MAITRISE DE LA MICTION ET INSTRUMENT CORRESPONDANT**  
[72] DEININGER, STEVEN T., US  
[72] CABAK, JAMES E., US  
[71] AMERICAN MEDICAL SYSTEMS, INC., US  
[85] 2001-09-13  
[86] 2000-01-28 (PCT/US2000/002267)  
[87] 2000-10-12 (WO2000/059403)  
[30] US (09/286,347) 1999-04-05

[21] **2,369,014**  
[13] A1

[51] **Int.Cl. 7E06B 3/00**  
[25] EN  
[54] **HINGE ASSEMBLY AND METHOD OF ATTACHMENT FOR COMPOSITE PANEL DOORS**  
[54] **ENSEMBLE CHARNIERE ET PROCEDE DE FIXATION POUR PORTES CONSTITUEES DE PANNEAUX COMPOSITES**  
[72] BENNETT, TIMOTHY J., US  
[71] THE MAIMAN COMPANY, US  
[85] 2001-12-13  
[86] 2000-11-07 (PCT/US2000/041933)  
[87] 2001-10-25 (WO2001/079641)  
[30] US (09/551,128) 2000-04-18

[21] **2,369,038**  
[13] A1

[51] **Int.Cl. 6G06F 13/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR AN INTELLIGENT DISTRIBUTED NETWORK ARCHITECTURE**  
[54] **PROCEDE ET SYSTEME POUR UNE ARCHITECTURE DE RESEAU DISTRIBUE INTELLIGENT**  
[72] CARDY, DOUG, US  
[72] PORTER, KELVIN, US  
[72] WONG, WENDY, US  
[72] YAO, GEORGE, US  
[72] RAMBO, KEN, US  
[72] BARNHOUSE, ROBERT, US  
[72] WALLER, CAROL, US  
[71] MCI WORLDCOM, INC., US  
[85] 2001-02-02  
[86] 1999-07-30 (PCT/US1999/017424)  
[87] 2000-02-17 (WO2000/008565)  
[30] US (09/128,937) 1998-08-05

[21] **2,369,041**  
[13] A1

[51] **Int.Cl. 6H04L 12/28 6H04L 12/56**  
[25] EN  
[54] **ATM VIRTUAL PRIVATE NETWORKS**  
[54] **RESEAUX PRIVES VIRTUELS MTA**  
[72] DUGAN, ANDREW J., US  
[72] MCDYSAN, DAVID E., US  
[71] MCI WORLDCOM, INC., US  
[85] 2001-02-02  
[86] 1999-07-13 (PCT/US1999/015885)  
[87] 2000-02-17 (WO2000/008807)  
[30] US (09/128,495) 1998-08-03

[21] **2,369,047**  
[13] A1

[51] **Int.Cl. 7C01B 5/00**  
[25] EN  
[54] **REACTOR FOR MOISTURE GENERATION**  
[54] **REACTEUR DE PRODUCTION D'HUMIDITE**  
[72] KOMEHANA, KATUNORI, JP  
[72] TUBOTA, KENJI, JP  
[72] IKEDA, NOBUKAZU, JP  
[72] OHMI, TADAHIRO, JP  
[72] HIRAO, KEIJI, JP  
[72] MORIMOTO, AKIHIRO, JP  
[72] HIRAI, TOURU, JP  
[72] KAWADA, KOUJI, JP  
[72] MINAMI, YUKIO, JP  
[72] HONIDEN, TERUO, JP  
[71] OHMI, TADAHIRO, JP  
[71] FUJIKIN INCORPORATED, JP  
[85] 2001-08-22  
[86] 2000-06-05 (PCT/JP2000/003659)  
[87] 2001-12-13 (WO2001/094254)

[21] **2,369,052**  
[13] A1

[51] **Int.Cl. 6A61B 17/00**  
[25] EN  
[54] **SYSTEM, METHOD AND APPARATUS FOR STERNAL CLOSURE**  
[54] **SYSTEME, PROCEDE ET DISPOSITIF SERVANT A FERMER LE STERNUM**  
[72] GRIFFIN, WAYNE P., US  
[72] LAWHITE, ERIC, US  
[72] MAGOVERN, JAMES A., US  
[72] JOHNSON, GREG A., US  
[72] KLETZLI, DAVID W., US  
[71] CARDIAC ASSIST TECHNOLOGIES, INC., US  
[85] 2001-04-12  
[86] 1999-10-15 (PCT/US1999/024164)  
[87] 2000-04-27 (WO2000/022992)  
[30] US (09/174,122) 1998-10-16

[21] **2,369,058**  
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00 7C12N 15/00 7A01K 67/027 7C12N 7/04 7C12N 5/10 7C07K 14/16 7C12N 15/49**  
[25] EN  
[54] **SYNTHETIC GENE FOR EXPRESSING ACTIVE RETROVIRAL PROTEIN IN EUKARYOTES**  
[54] **GENE SYNTHETIQUE DESTINE A L'EXPRESSION D'UNE PROTEINE RETROVIRALE ACTIVE DANS LES EUKARYOTES**  
[72] DEBYSER, ZEGER, BE  
[72] CHEREPANOV, PETER, BE  
[72] DE CLERCQ, ERIK, BE  
[72] PLUYMERS, WIM, BE  
[71] K.U. LEUVEN RESEARCH & DEVELOPMENT, BE  
[85] 2001-10-25  
[86] 2000-04-26 (PCT/EP2000/003765)  
[87] 2000-11-02 (WO2000/065076)  
[30] EP (99201306.0) 1999-04-26  
[30] EP (00200171.7) 2000-01-18

[21] **2,369,067**  
[13] A1

[51] **Int.Cl. 7A23L 3/358 7A61K 33/04 7A61K 33/06 7A61K 33/08 7A23L 1/304 7C01F 11/46**  
[25] EN  
[54] **ACIDIC SOLUTION OF SPARINGLY-SOLUBLE GROUP IIA COMPLEXES**  
[54] **SOLUTION ACIDE DE COMPLEXES DU GROUPE IIA MODEREMENT SOLUBLES**  
[72] YAO, YU, US  
[72] LALUM, ROBERT BLAINE LALUM, US  
[72] KEMP, MAURICE CLARENCE, US  
[72] LEWIS, DAVID E., US  
[72] XIE, ZHONG WEI, US  
[72] CUNHA, MICHAEL ANTHONY, US  
[72] ZHANG, SHU, US  
[72] CARPENTER, ROBERT H., US  
[71] MORNINGSTAR DIAGNOSTICS, INC., US  
[85] 2001-08-16  
[86] 2000-02-14 (PCT/US2000/003993)  
[87] 2000-08-24 (WO2000/048477)  
[30] US (09/253,482) 1999-02-19  
[30] US (09/500,473) 2000-02-09

## PCT Applications Entering the National Phase

---

[21] **2,369,110**

[13] A1

[51] **Int.Cl. 7H04L 27/26 7H04L 1/00**

[25] EN

[54] **SEAMLESS RATE ADAPTIVE  
MULTICARRIER MODULATION**

**SYSTEM AND PROTOCOLS**

[54] **SYSTEME ET PROTOCOLES DE  
MODULATION A PORTEUSES**

**MULTIPLLES A DEBIT ADAPTATIF**

**SANS COUPURE**

[72] TZANNES, MARCOS C., US

[71] AWARE, INC., US

[85] 2001-08-16

[86] 2000-03-10 (PCT/US2000/006392)

[87] 2000-09-14 (WO2000/054473)

[30] US (60/124,222) 1999-03-12

[30] US (60/161,115) 1999-10-22

[30] US (60/177,081) 2000-01-19

## Canadian Divisional and Previously Unavailable Laid-Open applications

### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

---

[21] **2,366,402**  
[13] A1

[51] **Int.Cl. 7E04B 9/04**  
[25] EN  
[54] **A CEILING CLADDING SYSTEM**  
[54] **MATERIAU DE PLAFOND**  
[72] COLE, LEE A., US  
[72] THRONE, JASON T., US  
[72] COLSON, WENDELL B., US  
[71] HUNTER DOUGLAS INC., US  
[22] 1996-11-20  
[43] 1997-05-23  
[62] 2,190,796  
[30] US (60/007,501) 1995-11-22

---

[21] **2,367,024**  
[13] A1

[51] **Int.Cl. 7C12N 9/74 7A61K 35/14**  
[25] EN  
[54] **A THROMBIN BLOOD FRACTION FOR USE IN A MEDICAL PROCEDURE**  
[54] **FRACTION THROMBINE DU SANG POUR UTILISATION DANS UNE PROCEDURE MEDICALE**  
[72] WEISFOGH, ULLA, DK  
[72] CEDERHOLM-WILLIAMS, STEWART ANTHONY, GB  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1993-06-24  
[43] 1994-01-06  
[62] 2,131,316  
[30] DK (0830/92) 1992-06-24

---

[21] **2,367,059**  
[13] A1

[51] **Int.Cl. 7H04Q 3/42 7H04M 7/00 7H04L 12/56**  
[25] EN  
[54] **MULTIMEDIA PRIVATE BRANCH EXCHANGER AND PRIVATE BRANCH EXCHANGE SYSTEM**  
[54] **AUTOCOMMUTATEUR PRIVE D'AUTOCOMMUTATION PRIVE**  
[72] ASADA, HIROSHI, JP  
[72] FUNATO, YASUO, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1998-12-30  
[43] 1999-07-08  
[62] 2,257,026  
[30] JP (10-002415) 1998-01-08

---

[21] **2,367,124**  
[13] A1

[51] **Int.Cl. 7C12N 9/74 7A61K 35/14**  
[25] EN  
[54] **A THROMBIN BLOOD FRACTION FOR USE IN A MEDICAL PROCEDURE**  
[54] **FRACTION THROMBINE DU SANG POUR UTILISATION DANS UNE PROCEDURE MEDICALE**  
[72] WEIS-FOGH, ULLA, DK  
[72] CEDERHOLM-WILLIAMS, STEWART ANTHONY, GB  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1993-06-24  
[43] 1994-01-06  
[62] 2,131,316  
[30] DK (0830/92) 1992-06-24

---

[21] **2,367,129**  
[13] A1

[51] **Int.Cl. 7A01K 67/027 7C12N 15/85**  
[25] EN  
[54] **GENE CONSTRUCT FOR PRODUCTION OF TRANSGENIC FISH**  
[54] **CONSTRUCTION GENIQUE POUR LA PRODUCTION DE POISSONS TRANSGENIQUES**  
[72] HEW, CHOY L., CA  
[72] FLETCHER, GARTH L., CA  
[71] HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP, CA  
[71] SEABRIGHT CORPORATION LIMITED, CA  
[22] 1992-03-12  
[43] 1992-10-01  
[62] 2,106,315  
[30] US (669,765) 1991-03-15

---

[21] **2,367,228**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04M 3/42**  
[25] EN  
[54] **TECHNIQUE FOR RETURNING TO DIRECTORY ASSISTANCE OR INFORMATION SERVICES PROVIDER UPON COMMAND**  
[54] **TECHNIQUE POUR RETOURNER A L'ASSISTANCE-ANNUAIRE OU AUX POURVOYEURS DE SERVICES D'INFORMATIONS LORSQUE DEMANDE**  
[72] COX, PATRICK M., US  
[72] FILLIGER, PAUL W., US  
[72] KEPLER, MICHAEL A., US  
[72] POWELL, ADRIAN P., US  
[71] METRO ONE TELECOMMUNICATIONS, INC., US  
[22] 1994-08-02  
[43] 1995-10-29  
[62] 2,129,302  
[30] US (08/234,644) 1994-04-28

Canadian Divisional and Previously Unavailable Laid-Open applications

[21] **2,367,341**  
 [13] A1  
 [51] **Int.Cl. 7B01J 19/00**  
 [25] EN  
 [54] **DEVICES AND METHODS FOR PRODUCING MICROARRAYS OF BIOLOGICAL SAMPLES**  
 [54] **DISPOSITIFS ET METHODES POUR PRODUIRE DES JEUX ORDONNES DE MICROECHANTILLONS BIOLOGIQUES**  
 [72] WINEGARDEN, NEIL A., CA  
 [72] MCNEIL, JAMES B., CA  
 [71] UNIVERSITY HEALTH NETWORK, CA  
 [22] 2000-08-16  
 [43] 2001-01-30  
 [62] 2,316,045

[21] **2,367,823**  
 [13] A1  
 [51] **Int.Cl. 7B65G 47/82 7B43M 3/00**  
 [25] EN  
 [54] **IN-LINE ROTARY INSERTER**  
 [54] **APPAREIL ROTATIF POUR L'INSERTION DE DOCUMENTS DANS DES CONTENANTS EN LIGNE**  
 [72] HAWKES, RICHARD B., US  
 [72] ORSINGER, WINSTON A., US  
 [72] BELEC, ERIC A., US  
 [72] LEE, JAMES S., JR., US  
 [72] FALLOS, GEORGE, US  
 [72] NOLL, HARRY C., JR., US  
 [72] NYFFENEGGER, DAVID P., US  
 [71] BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY, US  
 [22] 1990-04-12  
 [43] 1990-10-14  
 [62] 2,014,543  
 [30] US (338,171) 1989-04-14  
 [30] US (07/506,022) 1990-04-09

[21] **2,367,834**  
 [13] A1  
 [51] **Int.Cl. 7B43M 3/04**  
 [25] EN  
 [54] **IN-LINE ROTARY INSERTER**  
 [54] **APPAREIL ROTATIF POUR L'INSERTION DE DOCUMENTS DANS DES CONTENANTS EN LIGNE**  
 [72] NOLL, HARRY C., JR., US  
 [72] FALLOS, GEORGE, US  
 [72] LEE, JAMES S., JR., US  
 [72] NYFFENEGGER, DAVID P., US  
 [72] ORSINGER, WINSTON A., US  
 [72] HAWKES, RICHARD B., US  
 [72] BELEC, ERIC A., US  
 [71] BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY, US  
 [22] 1990-04-12  
 [43] 1990-10-14  
 [62] 2,014,543  
 [30] US (338,171) 1989-04-14  
 [30] US (07/506,022) 1990-04-09

[21] **2,367,852**  
 [13] A1  
 [51] **Int.Cl. 7B65G 43/00 7B43M 3/00 7G01S 17/88**  
 [25] EN  
 [54] **IN-LINE ROTARY INSERTER**  
 [54] **APPAREIL ROTATIF POUR L'INSERTION DE DOCUMENTS DANS DES CONTENANTS EN LIGNE**  
 [72] LEE, JAMES S., JR., US  
 [72] FALLOS, GEORGE, US  
 [72] NYFFENEGGER, DAVID P., US  
 [72] NOLL, HARRY C., JR., US  
 [72] HAWKES, RICHARD B., US  
 [72] BELEC, ERIC A., US  
 [72] ORSINGER, WINSTON A., US  
 [71] BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY, US  
 [22] 1990-04-12  
 [43] 1990-10-14  
 [62] 2,014,543  
 [30] US (338,171) 1989-04-14  
 [30] US (07/506,022) 1990-04-09

[21] **2,367,864**  
 [13] A1  
 [51] **Int.Cl. 7G06F 3/03 7G06K 11/06 7G02B 27/18**  
 [25] EN  
 [54] **INTERACTIVE DISPLAY SYSTEM**  
 [54] **SYSTEME D'AFFICHAGE INTERACTIF**  
 [72] MARTIN, DAVID A., CA  
 [71] SMART TECHNOLOGIES INC., CA  
 [22] 1991-10-21  
 [43] 1993-04-22  
 [62] 2,058,219

[21] **2,367,876**  
 [13] A1  
 [51] **Int.Cl. 7C07C 69/76 7C07C 65/21**  
 [25] EN  
 [54] **THE PREPARATION OF E-OXIME ETHERS OF PHENYLGLYOXYLIC ESTERS**  
 [54] **LA PREPARATION DE (E)-ETHERS D'OXIME D'ESTHERS PHENYLGLYOXYLATES**  
 [72] BENOIT, REMY, DE  
 [72] HEPP, MICHAEL, DE  
 [72] SAUTER, HUBERT, DE  
 [72] KUEKENHOEHNER, THOMAS, DE  
 [72] WINGERT, HORST, DE  
 [72] WOLF, BERND, DE  
 [72] GRAMMENOS, WASSILIOS, DE  
 [71] BASF AKTIENGESELLSCHAFT, DE  
 [22] 1991-12-30  
 [43] 1992-07-01  
 [62] 2,058,553  
 [30] DE (P 40 42 271.2) 1990-12-31  
 [30] DE (P 40 42 272.0) 1990-12-31  
 [30] DE (P 40 42 273.9) 1990-12-31  
 [30] DE (P 40 42 280.1) 1990-12-31  
 [30] DE (P 40 42 282.8) 1990-12-31  
 [30] DE (P 40 42 283.6) 1990-12-31

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

---

[21] **2,367,877**  
[13] A1

[51] **Int.Cl. 7G01M 3/32**  
[25] EN  
[54] **METHOD FOR REDUCING TEST  
CYCLE TIME AND FOR IMPROVING  
MEASURING ACCURACY AT A LEAK  
TESTING PROCESS**  
[54] **METHODE VISANT A REDUIREE  
LE TEMPS DU CYCLE D'ESSAI ET A  
AMELIORER LA PRECISION DES  
MESURES DANS UN ESSAI  
D'ETANCHEITE**  
[72] LEHMANN, MARTIN, CH  
[71] LEHMANN, MARTIN, CH  
[22] 1990-01-23  
[43] 1990-07-27  
[62] 2,008,372  
[30] DE (P 39 02 435.0) 1989-01-27

---

[21] **2,368,035**  
[13] A1

[51] **Int.Cl. 7B43M 3/00 7B65G 49/00  
7B65G 15/58**  
[25] EN  
[54] **IN-LINE ROTARY INSERTER**  
[54] **APPAREIL ROTATIF POUR  
L'INSERTION DE DOCUMENTS DANS  
DES CONTENANTS EN LIGNE**  
[72] NOLL, HARRY C., JR., US  
[72] BELEC, ERIC A., US  
[72] ORSINGER, WINSTON A., US  
[72] NYFFENEGGER, DAVID P., US  
[72] FALLOS, GEORGE, US  
[72] HAWKES, RICHARD B., US  
[72] LEE, JAMES S., JR., US  
[71] BELL & HOWELL MAIL AND  
MESSAGING TECHNOLOGIES  
COMPANY, US  
[22] 1990-04-12  
[43] 1990-10-14  
[62] 2,014,543  
[30] US (338,171) 1989-04-14  
[30] US (07/506,022) 1990-04-09

---

[21] **2,368,036**  
[13] A1

[51] **Int.Cl. 7B43M 3/00 7B65G 49/00  
7B65G 47/248**  
[25] EN  
[54] **IN-LINE ROTARY INSERTER**  
[54] **APPAREIL ROTATIF POUR  
L'INSERTION DE DOCUMENTS DANS  
DES CONTENANTS EN LIGNE**  
[72] NOLL, HARRY C., JR., US  
[72] LEE, JAMES S., JR., US  
[72] ORSINGER, WINSTON A., US  
[72] FALLOS, GEORGE, US  
[72] BELEC, ERIC A., US  
[72] NYFFENEGGER, DAVID P., US  
[72] HAWKES, RICHARD B., US  
[71] BELL & HOWELL MAIL AND  
MESSAGING TECHNOLOGIES  
COMPANY, US  
[22] 1990-04-12  
[43] 1990-10-14  
[62] 2,014,543  
[30] US (338,171) 1989-04-14  
[30] US (07/506,022) 1990-04-09

## **Canadian Divisional and Previously Unavailable Laid-Open applications**

# Index of Canadian Patents Issued

March 19, 2002

## Index des brevets canadiens délivrés

19 mars 2002

ABBOTT LABORATORIES	2,128,078	Berg, Svein Aage	2,034,653	Cederholm-Williams, Stewart A.	2,131,316
Abe, Yiuchi	2,193,425	Bernard, Jean-Marie	2,136,517	Cepik, Sibel	2,179,019
ABRAMOVICI, Miron	2,271,251	BERSTIS, Viktors	2,229,392	CHADWICK, Donald T.	2,237,691
ADOMA, Chigoke	2,250,036	Biasoli, Giovanni	2,050,331	Chameroy, Eric	2,170,890
Agouridas, Constantin	2,055,912	Biblo, Margit	2,067,733	CHANG, Eun Ok	2,231,886
Agouron Pharmaceuticals, Inc.	2,151,588	Bigo, Sébastien	2,196,333	Chantot, Jean-François	2,055,912
Ahluwalia, Gurpreet S.	2,088,909	BIOGAL GYOGYSZERGYAR		Chao, Richard	2,180,714
Aichi Steel Works, Ltd.	2,177,766	RT	2,067,733	Chaparral Steel Company	2,073,683
AKSENOV, Yuri Vasilyevich	2,247,860	BIOSURFACE PHARMA AB	2,187,114	CHARNY, ANNA	2,317,637
Aktiebolaget Astra	2,106,975	Bishop, W. Robert	2,173,963	CHASIN, Mark	2,206,804
ALCATEL N.V.	2,060,098	Blainpain, Roland	2,110,433	Chen, Hsing-Yao	2,064,805
ALCATEL N.V.	2,181,078	Boardman, David Graham	2,078,885	Cherton, Yvan	2,112,784
ALCATEL N.V.	2,196,333	Bobák, Dorottya	2,067,733	Chiaroni, Dominique	2,181,078
ALLEN-BRADLEY COMPANY		Boittiaux, Patrick	2,056,674	CHIU, Charles K.	2,236,673
INC.	2,044,005	BOL, Kenneth E., II	2,219,579	CHULKOV, Boris	
Amini, Mary Alice	2,033,775	Bonnet, Guy	2,043,766	Alexandrovich	2,247,860
Anatomic Research, Inc.	1,341,350	BOSTON SCIENTIFIC		Ciomei, Marina	2,050,331
Anderson, Gary	2,181,298	CORPORATION	2,081,464	Clamp Swing Pricing Company	2,146,303
ANDREWS, Lawrence J.	2,240,109	Bower, William Ben	2,045,136	CLARK, Jeffrey L.	2,237,691
ANDRITZ-AHLSTROM OY	2,200,327	BRISTOL-MYERS SQUIBB		Coleman, Ronald L.	2,191,301
Aoki, Seizo	2,059,732	COMPANY	2,074,293	COLGAN, David Lee	2,222,745
ARCO CHEMICAL		BRISTOL-MYERS SQUIBB		Collin, Jean-Claude	2,034,806
TECHNOLOGY, INC.	2,032,899	COMPANY	2,099,779	COMMISSARIAT A	
Aruffo, Alejandro A.	2,099,779	BROCKBANK, Kelvin G. M.	2,250,036	L'ENERGIE ATOMIQUE	2,110,433
ASAHI KASEI KABUSHIKI		Brodsky, Philip H.	2,111,279	COMPAGNIE GENERALE DES	
KAISHA	1,341,348	Brown, Jason P.	2,193,384	ETABLISSEMENTS	
AT&T CORP.	2,210,945	Brown, Stephen P.	2,152,590	MICHELIN - MICHELIN &	
AT&T CORP.	2,227,729	BRUNSWICK CORPORATION	2,196,439	CIE	2,216,819
AT&T CORP.	2,228,917	BRYANT, Stephen D.	2,233,274	Conway, Anthony J.	2,073,508
AT&T CORP.	2,246,239	BRYANT, Stephen D.	2,233,308	Conway, Philip J.	2,073,508
AT&T CORP.	2,257,577	Buckman Laboratories		Cordi, Alex	2,128,287
AT&T WIRELESS SERVICES,		International, Inc.	2,157,508	Cordi, Alex	2,128,359
INC.	2,227,086	Buckman Laboratories		COX, Philip David	2,222,745
AU YONG, Chooi Seong	2,219,717	International, Inc.	2,180,365	CROMPTON CORPORATION	2,220,625
Audouin, Olivier	2,060,098	Buckman Laboratories		CRYLIFE, INC.	2,250,036
Auger, Gérard	2,125,118	International, Inc.	2,182,208	CUNKELMAN, Brian L.	2,249,266
AVENTIS BEHRING GMBH	2,008,390	Buckman Laboratories		Dage, Richard C.	2,032,797
AVENTIS PHARMA		International, Inc.	2,233,274	Dage, Richard C.	2,084,082
DEUTSCHLAND GMBH	2,032,303	Buckman Laboratories		Damle, Nitin K.	2,099,779
AVENTIS PHARMA INC.	2,032,797	International, Inc.	2,233,308	DANG, Nguyen Thai	2,248,696
Azuma, Masaki	2,105,793	Budt, Karl-Heinz	2,032,303	DANNY MACLEA	2,125,118
Babicz, Eugene A.	2,064,805	Byström, Katarina	2,106,975	DAWSON, Patti E.	2,250,036
Bacsa, György	2,067,733	CABLETRON SYSTEMS, INC.	2,317,637	De Bouard, Dominique	2,181,078
BAKER, WM KEITH	2,283,072	CAGLAR, Muge	2,240,820	De Clerck, Georges	2,008,787
Barp, Bruno	2,033,768	CANON KABUSHIKI KAISHA	2,236,800	DE HAAN, WIEBE	2,335,403
Barrett, Leonard	2,062,727	Carney, John M.	2,179,521	DE LAFORCADE, Vincent	2,241,344
Bauer, Christoph	2,081,241	Carr, Albert A.	2,032,797	de Moncuit, Frédéric	2,008,787
BAYER		Carr, Albert A.	2,084,082	Deal, Judith G.	2,151,588
AKTIENGESELLSCHAFT	2,033,740	Cartigny, Michel	2,170,890	Dean, Richard T.	2,136,330
BECK, Robert	2,237,691	Cary, Richard Dennis	2,034,172	Dechoux, Jean-Luc	2,056,193
Becker, Achim	2,008,390	Caspari, Richard B.	2,073,349	DEERE & COMPANY	2,222,745
Beke, Katalin	2,067,733	CASTwall, Lennart	2,174,726	DEERE & COMPANY	2,222,975
BELL, Andrew Simon	2,251,453	CAVALLA, David J.	2,206,804	Denis, Alexis	2,055,912
Benedetti, Yannick	2,055,912	Cavalli, Luigi	2,190,704	DePuy, Charles	2,181,298
BENTER, Dean William	2,222,975	Cavezzan, Jacques	2,092,137	Descombes, Jean-Jacques	2,128,287

## Index of Canadian Patents Issued March 19, 2002

Descombes, Jean-Jacques	2,128,359	GLAVERBEL	2,112,784	Ibrahim, Tuncel	2,074,937
DIATIDE, INC.	2,136,330	GLOVER, Daniel E.	2,233,308	ICT CO., LTD.	2,245,970
DIMSA, Robert D.	2,212,911	GOLDSTEIN, Steven	2,250,036	ILLINOIS TOOL WORKS INC.	2,204,712
DISCOVISION ASSOCIATES	2,181,298	Goodyear Tire and Rubber		ILLINOIS TOOL WORKS INC.	2,295,396
DOI, Yutaka	2,222,310	Company (The)	2,066,072	Inbasekaran, Muthiah N.	1,341,349
Doll, Ronald J.	2,173,963	Goovaerts, Lucas	2,095,037	INSTITUT FRANCAIS DU	
DOUGHTY, Darrell Gene	2,206,048	Gorski, Richard M.	2,064,805	PETROLE	2,034,806
DOW CHEMICAL COMPANY		GRAE, Joel B.	2,247,860	INTEGRA DYNAMICS INC.	2,109,684
(THE)	1,341,349	Grandi, Maria	2,050,331	INTERNATIONAL BUSINESS	
Dr. Karl Thomae Gesellschaft mit		Grassens, Leonardus J.	2,181,298	MACHINES	
beschränkter Haftung	2,034,569	Gruber, Peter	2,034,569	CORPORATION	2,215,323
DRAGOSH, Pamela Leigh	2,228,917	Gruetzmacher, Roland	2,062,950	INTERNATIONAL BUSINESS	
DRAW-TITE, INC.	2,219,579	GUCKEL, Henry	2,245,498	MACHINES	
DRIVER, Richard D.	2,214,560	Haines, Edwin Lee	2,066,072	CORPORATION	2,229,392
Dudley, Mark W.	2,032,797	Hajnik, Dennis M.	2,032,899	INTERNATIONAL CATALYST	
E.R. Squibb & Sons Inc.	2,131,316	Halden, Jonas Peter	2,034,653	TECHNOLOGY,	
EBBING, Georg	2,224,367	Hall, Hollis O'Neal, II	2,181,298	INCORPORATED	2,245,970
EBERLE, Frederick P.	2,225,564	HAMILTON, Peter Worthington	2,248,919	Invernizzi, Renzo	2,027,037
EDWARDS AND KELCEY		HANNON, Gregory E.	2,250,983	Ishiguro, Michihiro	2,085,578
WIRELESS, L.L.C.	2,251,422	Hara, Toshikatsu	2,177,766	Ishii, Izumi	2,190,420
EKA CHEMICALS AB	2,196,028	Harrington, F. Eugene	2,088,909	Ishimoto, Akio	2,064,750
EKLUND, Barry	2,241,795	HARRIS CORPORATION	2,092,240	ISOTECHNIKA	
ELEFTHERIADIS, Alexandros	2,257,577	HASHIMOTO, YUKIHIRO	2,283,862	INCORPORATED	2,204,384
ELF ATOCHEM S.A.	2,188,826	HAYS, Paul	2,241,795	Itoh, Hirataka	1,341,348
Ellis, Frampton E., III	1,341,350	H-C INDUSTRIES, INC.	2,008,769	IVANOVSKY, Michael	
EMS TECHNOLOGIES, INC.	2,240,182	Heartport, Inc.	2,191,301	Nikolaevich	2,247,860
Engdahl, Jonathan R.	2,044,005	Heaton, Herbert E.	2,181,298	IWATA, Toshio	2,219,601
Enimont Anic S.r.l.	2,027,037	HEIDBREder, Andreas	2,270,257	JACKEL, Lawrence David	2,227,729
EURO-CELTIQUE, S.A.	2,206,804	HELFMAN, Jonathan Isaac	2,246,239	Jacquemet, Régis	2,188,826
EXXONMOBIL CHEMICAL		HENDERSON, Donnie	2,227,729	Jacquess, Percy A.	2,157,508
PATENTS INC.	2,074,937	HENKEL		Jagawa, Yasutoshi	2,190,420
EXXONMOBIL CHEMICAL		KOMMANDITGESELLSC		Jakupovic, Edib	2,106,975
PATENTS INC.	2,074,953	HAFT AUF AKTIEN	2,062,950	Jancsó, Sándor	2,067,733
FAHEY, Jed W.	2,232,488	HENKEL		JAPAN POLYCHEM	
FANG, Yihan	2,257,577	KOMMANDITGESELLSC		CORPORATION	2,190,420
FAVICHIA, Frank	2,227,086	HAFT AUF AKTIEN	2,270,257	Jimison, James	2,191,301
Fazio, Michael J.	1,341,349	Henningfield, Mary F.	2,128,078	JODY MACLEA	2,125,118
Fell, H. Perry Jr.	2,099,779	HENRICSON, Kaj	2,200,327	JOHNS HOPKINS SCHOOL OF	
FERRI, Vincent	2,212,911	HERMAN MILLER, INC.	2,237,691	MEDICINE	2,232,488
Figge, Dieter	2,073,683	Hernestam, Sven	2,187,114	JOHNSTON, Gregory L.	2,248,494
Fink, Peter	2,073,683	HEROLD, Claus-Peter	2,270,257	JONES, SHERMAN	2,204,384
FISHER, Gary J.	2,241,981	Hidaka, Takayoshi	2,058,835	Joubert, Daniel	2,056,674
Flament, Bruno	2,110,433	Hirai, Koji	2,085,578	KABUSHIKI KAISHA	
Flanagan, Denise Mary	2,079,548	HITACHI, LTD.	2,193,425	TOYOTA CHUO	
Fleury, Christophe	2,043,766	Ho, Sa V.	2,111,279	KENKYUSHO	2,263,995
Fordyce, William A.	1,341,349	HOECHST MARION ROUSSEL		Kajiwara, Susumu	2,180,024
FORT JAMES CORPORATION	2,191,838		2,055,912	KALVA, Hari	2,257,577
Frisco-Findus AG	2,034,653	HOECHST MARION		KAMEGAI, Takeshi	2,219,601
Fromentin, Claude	2,055,912	ROUSSEL, INC.	2,079,548	Kamlage, Wolfgang	2,081,241
Fryar, Richard D., Jr.	2,073,508	Hoefler, Rainer	2,062,950	Kammann, Rolf	2,081,241
Fujii, Hideki	2,193,425	HOFER, Peter	2,206,804	Kanegafuchi Kagaku Kogyo	
Fujita, Ryo	2,193,425	HOHNL, Gary David	2,222,975	Kabushiki Kaisha	2,058,835
Gabriagues, Jean-Michel	2,060,098	Holden, David William	2,136,313	Karges, Hermann E.	2,008,390
Gabriagues, Jean-Michel	2,181,078	Hollen, Zdenek A.	2,181,298	KASAI, Masaaki	2,219,601
GALILEO CORPORATION	2,214,560	Hollis, C. George	2,157,508	Katsura, Koyo	2,193,425
Ganster, Otto	2,033,740	HONDA GIKEN KOGYO		Kawahara, Kazuyoshi	2,101,076
Garay, Thomas William	2,159,659	KABUSHIKI KAISHA	2,217,646	KAWANAMI, Makoto	2,245,970
GARFINKLE, BENJAMIN L.	2,146,303	HONDA GIKEN KOGYO		KELLEY, James O.	2,237,691
GARTLAND, Paul Stephen	2,237,691	KABUSHIKI KAISHA	2,222,032	Ketjumpynti Tuomikoski Ky	2,052,612
GATTO, Joseph Anthony	2,206,048	Hoover, Douglas E.	2,181,298	KIBUN FOOD CHEMIFA CO.,	
GAYHART, Jon W.	2,232,210	HORIUCHI, Makoto	2,245,970	LTD.	2,101,076
Gee, Nicolas S.	2,193,384	HORNBERGER, Tim G.	2,232,210	Kiefer, Jean-Claude	2,056,674
Gierenz, Gerhard	2,062,950	Horoschak, John R.	2,074,293	KIM, Sung Chul	2,231,886
Gilgenbach, Hubert S.	2,196,439	Hotchkiss, Alan B.	2,054,514	KIMBERLY-CLARK	
Gipson, Dale L.	2,177,942	Huang, Chung-Chen	2,183,670	WORLDWIDE, INC.	2,235,348
GLAVERBEL	2,008,787	I. BELLOCH CORPORATION	2,247,860	King, Vanja M.	2,182,208

## Index des brevets canadiens délivrés 19 mars 2002

KIRIN BEER KABUSHIKI KAISHA	2,180,024	Lister-James, John	2,136,330	MICROSOFT CORPORATION	2,177,942
Kitasato Institute (The)	2,101,076	LIU, Qingli	2,092,240	MIDA, Lynn H.	2,219,579
KIZAWA, Makoto	2,249,013	LOGINOV, Nikolai Ivanovich	2,247,860	Mihelich, Michael P.	2,196,439
Klauck, Wolfgang	2,062,950	L'OREAL	2,241,344	Miller, Francis P.	2,032,797
Klein, Michael T.	2,044,005	Louie, James K.	2,181,298	Miller, Robert H.	2,128,078
Knight, Douglas G.	2,194,789	Lucak, Mark A.	2,044,005	MILOVIDOVA, Albina Vasilyevna	2,247,860
Knorr, Christopher A.	2,181,298	LUCENT TECHNOLOGIES, INC.	2,233,810	Minkkinen, Ari	2,034,806
KOBETSKY, ROBERT G.	2,295,396	LUCENT TECHNOLOGIES, INC.	2,248,482	MINOR, Raymond B.	2,250,983
Koerner, John E.	2,032,797	LUCENT TECHNOLOGIES, INC.	2,271,251	Mirra, Mauro	2,027,037
Koerner, John E.	2,084,082	Lumbis, Anthony W.	2,194,789	Misawa, Norihiko	2,180,024
Koga, Kazuyoshi	2,193,425	LWEE, Nai Hock	2,219,717	MITSUBISHI CHEMICAL CORPORATION	2,058,911
Komiya, Yukiatsu	2,085,578	MACHACEK, ZDENEK	2,295,396	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,222,310
Kondo, Keiji	2,180,024	Maeda, Hiroshi	2,058,911	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,283,862
KONDO, Yuji	2,236,800	Maeda, Katsura	2,085,578	MITSUI CHEMICALS INC.	2,064,750
Konigshofen, Heinrich	2,033,740	Malick, Shahzad H.	2,054,514	MIURA, Kyo	2,236,800
KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,335,403	Malick, Shahzad H.	2,054,515	Miyakawa, Katsutoshi	2,059,732
Kovács, István	2,067,733	MALIN, Art	2,204,712	MŌ, Chi-Chiang	2,233,810
KRAFT FOODS, INC.	2,033,775	Mallams, Alan K.	2,173,963	Mongelli, Nicola	2,050,331
KRISHNA, PATTABHIRAMAN	2,317,637	MANGAT, Pawitterjit S.	2,245,498	MONSANTO COMPANY	2,111,279
KRUEGER INTERNATIONAL, INC.	2,232,210	Mannesmann Aktiengesellschaft	2,073,683	Monsen, Christopher J.	2,181,298
Kruper, William J. Jr.	1,341,349	MARINE BIOTECHNOLOGY INSTITUTE CO., LTD.	2,180,024	MONTECATINI TECNOLOGIE S.r.l.	2,190,704
Kubo, Kunimichi	2,066,770	Marossy, Katalin	2,067,733	Morikawa, Masatoshi	2,066,770
Kubota, Tadatoshi	2,047,347	Martin, Lawrence Leo	2,079,548	Moriya, Satoru	2,064,750
Kume, Masaharu	2,047,347	Martus, Charles R.	2,173,275	MOROZOV, Valentine Alexeevich	2,247,860
Kuraray Co., Ltd.	2,085,578	Masada, Tomoaki	2,105,793	MUELLER, Heinz	2,270,257
KURRASCH, Andrew	2,237,691	Masetti, Francesco	2,181,078	Muraoka, Yoshiro	2,108,582
KUSUYAMA, Masashi	2,222,310	Masi, Francesco	2,027,037	Murayama, Toshikazu	2,105,793
KYOWA HAKKO KOGYO CO., LTD.	2,105,793	Masini, Sergio	2,027,037	Murphy, Kent T.	2,181,298
Lacoste, Jean-Michel	2,128,287	Mason, Charles R.	2,033,775	Nagai, Takayuki	2,190,420
Lacoste, Jean-Michel	2,128,359	Massouda, Debora F.	2,070,349	Nakamura, Renshi	2,108,582
Langó, József	2,067,733	Masuda, Shigeki	2,058,835	NATIONAL INSTITUTE FOR AGRO- ENVIRONMENTAL SCIENCES	2,092,217
Langianni, Elio	2,027,037	Maté, Tibor	2,067,733	NEW YORK AIR BRAKE CORPORATION	2,194,789
Lanyk, Douglas S.	2,173,275	Matsushita Electric Corporation of America	2,118,179	Nieduzak, Thaddeus R.	2,032,797
Laroche, Pierre	2,112,784	MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC.	2,249,013	Nieduzak, Thaddeus R.	2,084,082
Larue, Joseph	2,034,806	Mattsson, Christer	2,007,075	NIEMEYER, Michael John	2,235,348
LATTA, Milton Russell	2,215,323	Maughan, Kevin	2,078,885	Nilsson, Arne	2,187,114
Laubie, Michel	2,128,287	Mayhugh, Joel M.	2,147,965	NIPPON PETROCHEMICALS COMPANY, LIMITED	2,066,770
Laubie, Michel	2,128,359	McAleer, Andrew M.	2,074,937	Nishio, Takeyoshi	2,190,420
Le Martret, Odile	2,055,912	McAleer, Andrew Matthew	2,074,953	Njoroge, F. George	2,173,963
Le Roux, Jérôme	2,056,674	MCBRIDE, Stephen W.	2,008,769	NONŌMURA, Yutaka	2,263,995
LEAN-EX LTD.	2,134,560	McCLUNG, Duane Gene	2,237,691	NOONAN, James Thomas	2,222,745
LECTRON PRODUCTS, INC.	2,173,275	MCCONNELL, JAMES W.	2,333,355	NORRIS, John H.	2,210,945
Ledbetter, Jeffrey A.	2,099,779	MCCORQUODALE, John A.	2,267,218	NORTH AMERICAN Refractories Co.	2,028,908
LEE, Jae Ryong	2,218,133	McEwan, John W.	2,128,078	Nugent, Duane C.	2,060,156
LEGG, Dale R.	2,251,422	McGRATH, Patrick D.	2,263,158	ODAGAKI, Kunimichi	2,217,646
Leininger, Thomas Frederick	2,034,172	McGREGOR, Gordon L.	2,250,983	Ohta, Motohiro	2,105,793
Lennox, Charles D.	2,081,464	McGUIRE, Kenneth Stephen	2,248,919	Okada, Masamichi	2,177,766
Lepage, Jean-Luc	2,136,517	McNeel, Thomas E.	2,180,365	Okada, Yuji	2,177,766
Lepage, Jean-Luc	2,160,317	MEDI-FLEX HOSPITAL PRODUCTS, INC.	2,263,158	OKAMOTO, Takafumi	2,222,032
LES LABORATOIRES SERVIER	2,128,287	MELTZ, Morgan	2,236,673	Oklahoma Medical Research Foundation	2,179,521
LES LABORATOIRES SERVIER	2,128,359	Memminger-IRO GmbH	2,233,647	O'LEARY, Eamon	2,227,086
Li, Shigang	2,152,590	MEMON, Nazir Ahmed	2,021,666	Oniki, Kazunori	2,193,425
Li, Tung	2,032,797	MERRELL PHARMACEUTICALS INC.	2,084,082	Oppong, David	2,182,208
Li, Tung	2,084,082	Meyer, Russell A.	2,181,298		
Lieffrig, Vincent	2,008,787	MICHALAK, Eric B.	2,219,579		
LIMBERG, Allen LeRoy	2,220,740	MICRO MOTION, INC.	2,241,795		
Lindhe, Curt	2,174,726				
Lindstrom, Ted R.	2,033,775				
Linsley, Peter S.	2,099,779				

## Index of Canadian Patents Issued March 19, 2002

OPTICAL DISC CORPORATION	2,152,590	Rojey, Alexandre	2,034,806	Sotom, Michel	2,181,078
Orbán, Ernő	2,067,733	RÓMARK LABORATORIES, L.C.	2,187,110	Sramek, John A.	2,073,972
OREN, Robert A.	2,237,691	Romines, William H.	2,151,588	Stamm, André	2,179,019
Oshita, Tatuya	2,085,578	ROSEN, Hal Jervis	2,215,323	Staunton, Anna Louise	2,136,313
Ostarek, Ralph	2,033,740	Rossignol, Jean-François	2,187,110	STEELHAMMER, Joe C.	2,233,308
PAI, Chaul Min	2,231,886	Rostik, Libor F.	2,073,683	Stevens, Dale R.	2,194,789
Paio, Alfredo	2,050,331	Roth, Willy	2,034,569	Straus, Steven J.	2,045,136
Palmer, Cynthia L.	2,151,588	ROUHIAINEN, Pekka	2,214,786	STROUD, Charles Eugene	2,271,251
Papiernik, David L.	2,181,298	RUBIN, Kurt Allan	2,215,323	SU, Shiu-Chin H.	2,220,625
Pare, Christian	2,043,766	Rubini, Carlo	2,190,704	SUENAGA, KIYOSHI	2,283,862
PARK, CHAN-WOO	2,295,891	RUNYON, Donald L.	2,240,182	Suga, Shinjiro	2,066,770
PARK, Gerhard	2,233,647	Russell, Robert G.	2,181,298	SUGITANI, Nobuyoshi	2,263,995
Parks, Christopher J.	2,070,349	RUSSELL, Thomas Leonard Jr.	2,210,945	SULZER BROTHERS LIMITED	2,033,768
Patel, Ashok T.	2,041,633	Rzeszewski, Theodore S.	2,118,179	Suzuki, Katsunori	2,193,425
PATEL, NAIMISH	2,317,637	S. C. JOHNSON & SON, INC.	2,073,972	Suzuki, Kazuhiro	2,177,766
PATEL, Sarvar	2,248,482	SAINT-GOBAIN VITRAGE INTERNATIONAL	2,056,193	Sweezer, William P., Jr.	2,191,301
PATTE, Bernard	2,216,819	SAM YANG CO., LTD.	2,231,886	Szendrei, Levente	2,067,733
PEARSONS, Errol	2,237,691	SAMSON, Allan	2,241,795	Szilágyi, Judit	2,067,733
Perret, Patrice	2,188,826	SAMSUNG ELECTRONICS CO., LTD.	2,220,740	T J SMITH & NEPHEW LIMITED	2,078,885
Petrin, Joanne M.	2,173,963	Sano, Hironari	2,190,420	Tack, Robert D.	2,074,937
PETTY, Herbert E.	2,220,625	Sano, Yasuhiko	2,066,770	Takahashi, Mamoru	2,064,750
Peyman, Anuschirwan	2,032,303	SANTORO, Ralph Jr.	2,249,266	Takami, Kazuhisa	2,193,425
PFIZER INC.	2,236,673	Sasamoto, Hirohiko	2,177,766	Takezawa, Kunio	2,092,217
PFIZER INC.	2,251,453	Sato, Hiroki	2,190,420	TALALAY, Paul	2,232,488
PHARMACIA & UPJOHN AKTIEBOLAG	2,007,075	SATO, Yoshie	2,219,601	TANG, Wade Wai-Chung	2,215,323
PHARMACIA & UPJOHN S.p.A.	2,050,331	Schepky, Gottfried	2,034,569	Taylor, Wilhelm	2,181,298
PIKKA, Olavi	2,200,327	SCHERING CORPORATION	2,173,963	TECUMSEH PRODUCTS COMPANY	2,225,564
PILKINGTON PLC	2,136,313	Schmelzle, Lloyd M.	2,073,683	Teh Yor Industrial Co., Ltd.	2,183,670
PITNEY BOWES INC.	2,054,514	SCHMIDT, Robert L.	2,257,577	TERRETT, Nicholas Kenneth	2,251,453
PITNEY BOWES INC.	2,054,515	SCHMODDE, Hermann	2,233,647	Texaco Development Corporation	2,034,172
Piwinski, John J.	2,173,963	SCHRECK, Berthold	2,270,257	THE GILLETTE COMPANY	2,088,909
PODUBRIN, Stefan	2,270,257	Schulz, Galyn A.	2,191,838	THE PROCTER & GAMBLE COMPANY	2,095,037
Pohl, Gunnar	2,007,075	SCHWARTZ, James Robert	2,206,048	THE PROCTER & GAMBLE COMPANY	2,206,048
Pollock, Douglas K.	1,341,349	SCOPHYSA	2,179,019	THE PROCTER & GAMBLE COMPANY	2,243,485
Ponce, Arnaud	2,136,517	SCOTT, Daniel G.	2,248,494	THE PROCTER & GAMBLE COMPANY	2,248,919
PONOMAREV-STEPNOI, Nikolai Nikolaevich	2,247,860	SEB S.A.	2,170,890	THE PROCTER & GAMBLE COMPANY	2,248,919
PONTE, Gary W.	2,252,943	Seifert, Elisabeth	2,187,114	THE PROCTER & GAMBLE COMPANY	2,243,485
Posiva Oy	2,214,786	SENDYK, Andrew	2,092,240	THE PROCTER & GAMBLE COMPANY	2,248,919
PRAMONO, Wasi Tri	2,267,218	Shander, Douglas	2,088,909	THE RELIABLE AUTOMATIC SPRINKLER CO., INC.	2,252,943
PRC-DESOTO INTERNATIONAL, INC.	2,248,696	SHARMA, Sanjeev	2,243,485	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2,257,577
PRINTPACK ILLINOIS, INC.	2,045,136	SHARP, Robert Douglas	2,228,917	THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	2,179,521
Priou, Christian	2,092,137	SHELDON, Judith K.	2,250,036	THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	2,271,251
PUBBEN, Peter A.	2,109,684	SHENFELD, Avner	2,134,560	THE UNIVERSITY OF MICHIGAN	2,241,981
Pudas, Roland	2,196,028	SHIMKEVICH, Alexander Lvovich	2,247,860	Thelin, Bernt	2,187,114
PURI, Atul	2,257,577	SHIN KWANG ENTERPRISE CO., LTD.	2,218,133	THEODOULOU, SOTOS M.	2,283,072
PUTZER, Melissa Christine	2,235,348	Shinitzky, Meir	2,134,560	THOMAS & BETTS CORPORATION	2,219,717
QUAKER CHEMICAL CORPORATION	2,240,820	SHIONOGI & CO., LTD.	2,047,347	THOMAS REGOUT N.V.	2,056,214
Rabotek Industrie-Computer GmbH	2,097,381	Shirakawa, Hirokazu	2,177,766	TOMITA, YASUOKI	2,283,862
RHODIA CHIMIE	2,056,674	Shoji, Mamoru	2,058,911	TORAY INDUSTRIES, INC.	2,059,732
RHODIA CHIMIE	2,092,137	Simó, Margit	2,067,733	Torizuka, Masami	2,108,582
RHODIA CHIMIE	2,136,517	SIMCOE, ROBERT J.	2,317,637	Tournilhac, Florence	2,136,517
RHODIA CHIMIE	2,160,317	Singh, Lakhbir	2,193,384		
RINORU OIL MILLS CO., LTD.	2,219,601	Sjostrom, Douglas Dana	2,049,233		
Roberts, Jeffrey G.	2,073,349	SMITH & NEPHEW, INC.	2,049,233		
Rochester Medical Corporation	2,073,508	Smyrl, Clifford G.	2,194,789		
ROE, David Bjorn	2,228,917	Soga, Mitsuru	2,193,425		
ROHM AND HAAS COMPANY	2,021,666	SONG, In Suk	2,231,886		
		Sonnenberg, Fred M.	2,032,899		
		SONY CORPORATION	2,108,582		
		SOPHA MEDICAL	2,043,766		
		Sotom, Michel	2,060,098		

**Index des brevets canadiens délivrés  
19 mars 2002**

Toyokin Kabushiki Kaisha	2,177,766	Woodruff, Geoffrey Neil	2,193,384
TOYOTA JIDOSHA		WROBEL, Antoine	2,216,819
KABUSHIKI KAISHA	2,177,766	Wyss, Clement R.	2,033,775
TOYOTA JIDOSHA		XEROX CORPORATION	2,283,072
KABUSHIKI KAISHA	2,190,420	Yamaguchi, Yoshihisa	2,066,770
TOYOTA JIDOSHA		Yamashita, Setuo	2,085,578
KABUSHIKI KAISHA	2,263,995	Yanidis, Apostol	2,045,136
TRAUFFER, Edward A.	2,240,820	Yano, Yoshiaki	2,058,835
Treace, James T.	2,073,349	Yearwood, Gerald Peter	2,074,953
Trofast, Eva	2,106,975	Yokomori, Yorozu	2,105,793
Trofast, Jan	2,106,975	Yokoyama, Akihiro	2,180,024
Tsunashima, Kenji	2,059,732	YORK, David William	2,243,485
Tsutsumi, Ikuo	2,190,420	YOSHINO, Hitoshi	2,236,800
Tuomikoski, Pekka	2,052,612	Yumiba, Yoshio	2,105,793
TYCO ELECTRONICS		Zachariou, Gus	2,034,172
CORPORATION	2,062,727	Zanka, Yukihito	2,190,420
Ustra Hannoversche		Zenith Electronics Corporation	2,064,805
Verkehrsbetriebe AG	2,224,367	Zettlmeibl, Gerd	2,008,390
VAN DER MEER, JAN	2,335,403	Zimmer, Inc.	2,073,349
VAN HEE, MICHELLE C.	2,291,921	ZOLLINGER, Mark L.	2,233,274
VANNERSON, ERIC F.	2,283,072	Zuscik, Edward J.	2,045,136
Varney, Michael D.	2,151,588		
Varsamis, Georgios L.	2,147,965		
Vega, Jose L.	2,095,037		
VELTRI, Michael J.	2,248,494		
Verbeuren, Tony	2,128,287		
Verbeuren, Tony	2,128,359		
Veza, Thomas F.	2,028,908		
VOORHEES, John J.	2,241,981		
W. L. GORE & ASSOCIATES,			
INC.	2,250,983		
Wallace, Paul S.	2,074,293		
Wallace, Robert Bruce	1,341,348		
WAN, Yongbing	2,092,240		
WARNER-LAMBERT			
COMPANY	2,193,384		
WATANABE, Kazumasa	2,219,601		
Watanabe, Motokazu	2,066,770		
Wehrle, Pascal	2,179,019		
Weisfogh, Ulla	2,131,316		
WEISGERBER, David John	2,206,048		
WESTERN ATLAS			
INTERNATIONAL, INC.	2,147,965		
WESTINGHOUSE AIR BRAKE			
COMPANY	2,212,911		
WESTINGHOUSE AIR BRAKE			
COMPANY	2,240,109		
WESTINGHOUSE AIR BRAKE			
COMPANY	2,248,494		
WESTINGHOUSE AIR BRAKE			
COMPANY	2,249,266		
WESTINGHOUSE ELECTRIC			
CORPORATION	2,041,633		
Westvaco Corporation	2,070,349		
Wetzler, Gerd R.	2,097,381		
WHITTEMORE, Marilyn S.	2,233,308		
WIJESURIYA, Sajitha S.	2,271,251		
WILDE, Sheldon L.	2,008,769		
Wilkinson, Richard L.	2,152,590		
Williams, Jeffrey	2,136,313		
Windmoller & Holscher	2,081,241		
WISCONSIN ALUMNI			
RESEARCH			
FOUNDATION	2,245,498		
Witkowski, Reiner	2,033,740		
Wojcik, Hendricus Tadeusz	2,056,214		

**Index of Canadian Patents Issued  
March 19, 2002**

# Index of Canadian Laid-Open Applications

February 24, 2002 - March 2, 2002

## Index des demandes canadiennes mises à la disponibilité du public

24 février 2002 - 2 mars 2002

AAA SALES & ENGINEERING INC.	2,356,021	BAGUSCHE, SIEGFRIED	2,355,489	BRADENBAUGH, KENNETH A.	2,355,783
ABE, MASAYOSHI	2,353,429	BAILEY, FREDERICK L.	2,354,790	BRADY, BRIAN K.	2,349,642
ACHMAD, BALZA	2,355,560	BAKER HUGHES INCORPORATED	2,356,025	BRANDS, STEFANUS A.	2,317,213
AEROSPATIALE MATRA MISSILES	2,356,308	BAKER HUGHES INCORPORATED	2,356,037	BRANKOVIC, VESELIN	2,353,429
AFFYMETRIX, INC.	2,356,396	BAKER HUGHES INCORPORATED	2,356,506	BRAUN, THORSTEN	2,354,438
AJINOMOTO CO., INC.	2,355,492	BALLARD POWER SYSTEMS INC.	2,355,977	BREITBARTH, ROBERT H.	2,342,005
AJINOMOTO CO., INC.	2,355,762	BANDURA, DMITRY R.	2,317,085	BREMICK, LORI J.	2,342,035
ALBADENT LIMITED	2,355,003	BARANOV, VLADIMIR I.	2,317,085	BRENCO, INCORPORATED	2,350,138
ALCATEL	2,355,997	BARDHAN, SOBHANA	2,317,958	BRISSON, ANDRE J.	2,317,960
ALCATEL	2,356,000	BARTEL, MARK	2,317,005	BROWN, EDMUND W.	2,345,165
ALCATEL	2,356,238	BARTLETT, J. PIKE JR.	2,316,749	BROWN, EDMUND W.	2,346,271
ALCATEL USA SOURCING, L.P.	2,355,957	BATULA, DORU	2,355,948	BROWN, JAMES B., JR.	2,346,632
ALCON UNIVERSAL LTD.	2,355,478	BAUSELER, SIEGBERT	2,355,828	BROWN, JAMES B., JR.	2,355,487
ALSTOM	2,356,307	BAYER AKTIENGESELLSCHAFT	2,317,364	BRUNET, ANDRE	2,355,755
AL-TURKI, ALI	2,317,376	BAYER AKTIENGESELLSCHAFT	2,356,047	BRUNZEMA, CLAUS	2,316,008
ALUSUISSE TECHNOLOGY & MANAGEMENT LTD.	2,355,591	BAYER CORPORATION	2,354,427	BRUTOVSKI, ROBERT	2,355,904
AMAKUSA, HIDEKI	2,355,019	BAYER INC.	2,316,741	BUCKLEY, PATRICK M.	2,353,075
ANASTASSIADES, TASSOS P.	2,317,305	BAYER INC.	2,317,364	BUJOLD, SERGE	2,354,365
ANDOH, HIROHIDE	2,355,988	BAYER, ARMIN	2,356,094	BURKE, RICHARD A.	2,317,145
ANDRESAKIS, JOHN A.	2,354,753	BECKETT GAS, INC.	2,348,335	BUTLER, JEFFRY A.	2,357,090
ANDREWS, MARK DAVID	2,356,065	BECTON, DICKINSON AND COMPANY	2,354,786	BUTTURINI, GIUSEPPE C & S INTELLECTUAL PROPERTIES, LLC	2,353,126
ANMA, HIROYUKI	2,355,562	BECTON, DICKINSON AND COMPANY	2,356,135	CAIZZA, RICHARD	2,345,433
ANRITSU CORPORATION	2,356,403	BEDEN, JOSEF	2,354,913	CAMETOX 2000 INC.	2,355,804
ANRITSU CORPORATION	2,356,406	BELL, ALLEN RAY	2,356,030	CAMPBELL, GLENN M.	2,317,237
AO, ERIC RONG	2,355,918	BEND INDUSTRIES, INC.	2,356,173	CAMPBELL, STEVE	2,355,804
ARAKI, MAKATO	2,355,915	BENDER, HARALD	2,317,364	CAMPUS, EMIGLIANO	2,356,307
ARIA SOLUTIONS INC.	2,318,287	BENNETT, ROBERT EDWIN	2,354,365	CANNELL, DAVID W.	2,354,836
ARIA SOLUTIONS INC.	2,356,781	BENSON, MARCELLUS R.	2,356,784	CANTAGREL, MICHEL	2,355,485
ARIVETT, JOEL D.	2,354,859	BENZ, CHRISTIAN	2,354,438	CARON, GHISLAIN	2,351,301
ARMAN, BAYRAM	2,355,610	BERNIER, RENE	2,355,590	CARRIER CORPORATION	2,354,807
ARMSTRONG WORLD INDUSTRIES, INC.	2,353,251	BETHSCHEIDER, GERHARD	2,317,278	CARRIER CORPORATION	2,354,811
ARNTZ, HANS-JOACHIM	2,355,442	BETTAN, GEORGES	2,317,307	CARROLL, ROGER D.	2,316,745
ASAI, KOUICHI	2,354,874	BIRCHWOOD LABORATORIES, INC.	2,317,137	CARTON, LAURENT	2,356,308
ASANO, YOICHI	2,356,008	BLOCK, WILLIAM V.	2,317,137	CASEY, DON EDWARD	2,357,412
ASASHIBA, YOSHIHIRO	2,355,564	BLOUNT, INC.	2,342,005	CASMONT INDUSTRIES, INC.	2,356,054
ASCIONE, JEAN-MARC	2,354,836	BOCK, UWE	2,355,591	CASPER, RUDOLF	2,317,364
AT&T CORP.	2,352,713	BOGORA, ANDREW K.	2,317,205	CATERPILLAR INC.	2,353,124
ATKINSON, JOHN C.	2,316,745	BOHLING, MICHAEL	2,317,926	CATERPILLAR INC.	2,353,126
AVAYA COMMUNICATION ISRAEL LTD.	2,354,360	BOMBARDIER INC.	2,351,301	CATERPILLAR INC.	2,353,280
AVAYA TECHNOLOGY CORP.	2,340,491	BONAQUIST, DANTE PATRICK	2,355,610	CATERPILLAR SARL	2,319,619
AVAYA TECHNOLOGY CORP.	2,352,655	BONNEVIOT, LAURENT	2,317,056	CAZEMIER, HENK	2,318,299
AVAYA TECHNOLOGY CORP.	2,352,970	BOUCHILLON, CHARLES WESLEY	2,327,447	CESANA, MARIO L.	2,345,433
AYALA, RICHARD L.	2,354,790	BOYLE, PATRICK JOSEPH	2,352,415	CHANG, CHIH-YUAN	2,352,655
AZUMA, YOSHIKATSU	2,355,988	BRAATZ, JAMES D.	2,356,021	CHANG, CHIH-YUAN	2,352,970
BADIEI, ALIREZA	2,317,056			CHANG, KOK-WAI	2,355,447
BADY, TORSTEN	2,317,926			CHANG, MEI-YUN	2,317,203

**Index of Canadian Laid-Open Applications**  
**February 24, 2002 - March 2, 2002**

CHENAL, BRUNO	2,354,828	DAVIDSON, GEORGE	2,356,034	ENDO, MARI	2,355,903
CHEYENNE INDUSTRIES, INC.	2,334,074	DEBREUX, REGINE	2,354,828	ERGENC, NADI	2,356,023
CHIANG, ROBERT HONG LEUNG	2,354,811	DEERE & COMPANY	2,354,365	ERTEL, DANIEL E.	2,356,028
CHIBA, YOSHITERU	2,356,026	DEFAZIO, JODY	2,318,318	ESPINOSA, FRANK	2,355,549
CHIH, TI-AN	2,316,719	DEGUSSA AG	2,356,005	ESTERHUYSE, SCHALK WILLEM PETRUS	2,319,619
CHO, SEONG-IL	2,355,747	DEGUSSA AG	2,356,006	ESTES, ROBERT A.	2,356,025
CHRISTIANSEN, NIELS	2,356,226	DELMENICO, PETER	2,355,563	ETHICON, INC.	2,356,169
CHRISTIANSON, ROBERT	2,356,034	DEMAY, JEAN-PAUL	2,356,308	EVERT, FABIAN	2,355,904
CHRISTIE, SAMUEL H., IV	2,352,911	DENG, DOUG	2,354,426	EXPAND INTERNATIONAL OF AMERICA	2,354,724
CHUNG, DING-YU	2,348,187	DENSO CORPORATION	2,355,019	FAERBER, RICHARD A.	2,356,027
CHURCH, ROBERT JAMES	2,318,287	DERBY, RONALD C.	2,316,763	FARQUHAR, DONALD S.	2,345,433
CHURCH, ROBERT JAMES	2,356,781	DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG STUTT GART STIFTUNG DES OFFENTLICHEN RECHTS	2,355,592	FAVVAS, GEORGE	2,316,743
CIBA SPECIALTY CHEMICALS HOLDING INC.	2,356,023	DEW ENGINEERING AND DEVELOPMENT LIMITED	2,317,211	FCI AMERICAS TECHNOLOGY, INC.	2,353,169
CIGLENEC, REINHART	2,355,549	DIETRICH, IAN	2,355,922	FEIKUS, FRANZ-JOSEF	2,317,926
CITEL	2,355,485	DILLING, PEER	2,356,105	FERAG AG	2,356,518
CLARKE, STEPHEN EDWARD	2,318,298	DINGENOTTO, MEINOLF	2,351,986	FIANARA INTERNATIONAL B.V.	2,356,116
COGNOS INCORPORATED	2,316,643	DIONNE, SYLVAIN	2,317,084	FIKE, CRAIG	2,350,265
COGNOS INCORPORATED	2,318,299	DMC2 DEGUSSA METALS CATALYSTS CERDEC AG	2,356,094	FILTEC FILTERTECHNOLOGIE FUR DIE ELEKTRONIKINDUSTRIE GMBH	2,351,986
COGNOS INCORPORATED	2,355,781	DOBZANSKI, LES	2,355,563	FISCHER, ALFONS	2,317,926
COHN, SIMON	2,356,135	DODD, JOSEPH K.	2,354,815	FISCHER, GEORGE L.	2,351,099
COLLING, RONALD W.	2,353,276	DOMINION COLOUR CORPORATION	2,354,246	FISHER, KATHERINE ELIZABETH	2,355,403
COM DEV LIMITED	2,356,139	DONG, SHOULIAN	2,356,396	FITZPATRICK, WILLIAM	2,356,139
COM DEV LTD.	2,363,603	DORNER MFG. CORP.	2,356,028	FLAIG, RAYMOND MICHAEL	2,355,023
COMVERSE NETWORK SYSTEMS, LTD.	2,355,420	DOW CORNING CORPORATION	2,356,223	FLEET ENGINEERS, INC.	2,356,064
CONSOLIDATED ENERGY SOLUTIONS, INC.	2,316,735	DOW CORNING S.A.	2,356,223	FLUID-QUIP, INC.	2,327,447
COOK, CHARLES L.	2,338,672	DOW CORNING TORAY SILICONE COMPANY, LTD.	2,356,110	FLY, GERALD W.	2,349,642
COREY, JEFFREY S.	2,338,672	DRAGONE, CORRADO PIETRO	2,353,744	FOGLE, RONALD LEE	2,355,789
CORPORATION DE FREIN NEUTECH INC.	2,316,939	DRYRAINAGE EQUIPMENT COMPANY INC.	2,317,207	FONTANA, FULVIO	2,345,433
COSLOVI, ILARIO A.	2,317,183	DUBOWSKI, JAN J.	2,331,567	FORBES, JAMES W.	2,317,070
COSLOVI, ILARIO A.	2,317,185	DUCREUX, OLIVIER	2,355,490	FORBES, JAMES W.	2,317,183
COSLOVI, ILARIO A.	2,317,270	DUDDRIDGE, BRENDAN	2,356,034	FORBES, JAMES W.	2,317,185
COSLOVI, ILARIO A.	2,317,272	DUFOUR, MARTIAL	2,356,476	FORBES, JAMES W.	2,317,272
COSLOVI, ILARIO A.	2,317,315	E.I. DU PONT DE NEMOURS AND COMPANY	2,348,187	FORBES, JAMES W.	2,317,315
COSLOVI, ILARIO A.	2,317,316	EAST, JEFF	2,316,119	FORBES, JAMES W.	2,317,316
COWAN, JOHN A.	2,356,032	EC ERDOLCHEMIE GMBH	2,355,445	FORD GLOBAL TECHNOLOGIES, INC.	2,350,265
COX, DON C.	2,356,037	ECOSTAR ELECTRIC DRIVE SYSTEMS L.L.C.	2,354,326	FOSTER, SUJEANNE	2,340,491
CRAMPTON, RON M.	2,317,237	ECOSTAR ELECTRIC DRIVE SYSTEMS L.L.C.	2,354,426	FOURNIER, JOEL	2,317,233
CREDO TOOL COMPANY	2,356,808	EHLING, PETER	2,355,563	FRANKO, ANDREW	2,327,447
CROSS, DOUGLAS B.	2,316,745	EHRlich, RODNEY P.	2,355,487	FRECHETTE, JOSEE	2,317,218
CROWTHER, NICOLAS	2,317,056	EICKERT, KEITH	2,353,509	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH	2,354,913
CULP, GEORGE R.	2,355,167	ELFORD, DAVID DONOVAN	2,317,937	FRINGS, RAINER B.	2,355,749
CUNNINGHAM, EDMUND C.	2,317,253	ELFORD, DAVID DONOVAN	2,355,524	FUJIKURA LTD.	2,355,799
CURRY, JON K.	2,333,866	ELIAS, HARTMUT	2,355,977	FUJINAGA, MASASHI	2,355,559
CURWOOD, INC.	2,356,089	ELLIOTT, BRYAN	2,316,735	FUJINAGA, MASASHI	2,355,562
DADDIS, EUGENE DUANE JR.	2,354,811	EMIYA INTERNATIONAL CO., LTD.	2,317,203	FUJISHIRO, TAKAHIRO	2,356,410
DAIKYO SEIKO, LTD.	2,354,874	EMORI, HIROYOSHI	2,316,750	FUJITA, YASUNOBU	2,355,472
DAINIPPON INK AND CHEMICALS, INC.	2,355,749	ENCISO, NEIL	2,356,219	FUJITSU GENERAL LIMITED	2,355,915
DAINIPPON INK AND CHEMICALS, INC.	2,356,029			FUKUDA, KAORU	2,356,008
DAINIPPON INK AND CHEMICALS, INC.	2,356,513			FUKUDA, MASANOBU	2,356,029
DALE, DANA R.	2,355,798			FUKUI, HARUYO	2,356,039
DALRYMPLE, LARRY V.	2,356,037			FUKUI, HARUYO	2,356,042
DAMM, MICHAEL	2,356,786			FULTON, ALLAN	2,317,207
DARA, FOROOGH S.	2,317,962			FUNG, KWOK KWONG	2,354,811
DAUM, RONALD J.	2,349,280			FURUYA, KODAI	2,355,510
				FURUYA, KODAI	2,355,514

**Index des demandes canadiennes mises à la disponibilité du public  
24 février 2002 - 2 mars 2002**

FURUYA, KODAI	2,355,525	GUO, SHARON X.	2,317,364	HILDEBRAND, LOUIS P.	2,317,237
FURUYA, KODAI	2,355,569	GUTHRIE, MARTIN G.	2,355,561	HILL, AUSTIN	2,316,743
GABEL, JONATHAN	2,356,135	GUZZO, FRANK	2,317,224	HILL, EDWARD ARTHUR	2,354,969
GAESE, DAGMAR.	2,355,998	H.B. SEISSENSCHMIDT AG	2,355,828	HILLHOUSE, ROBERT D.	2,317,211
GAGNIERE, JACQUES	2,354,828	HAAS, PETER JAY	2,317,081	HIRATA, MASUHISA	2,356,056
GAGNON, BENOIT	2,356,476	HAHMANN, UWE	2,354,913	HIROSE, TAKAAKI	2,355,159
GAGNON, CLAUDE	2,351,301	HALDOR TOPSOE A/S	2,356,226	HITACHI KYOWA	
GAINSBOROUGH		HALEY, VINCE	2,349,884	ENGINEERING CO., LTD.	2,356,026
ACCESSORIES		HALL, DENNIS G.	2,356,455	HITACHI PLANT	
INTERNATIONAL		HALL, RICHARD L.	2,356,808	ENGINEERING &	
LIMITED	2,317,156	HALL, SCOTT M.	2,356,028	CONSTRUCTION CO.,	
GAMLIN, JANET	2,317,364	HALLIBURTON ENERGY		LTD.	2,316,750
GAMMERSBACH,		SERVICES, INC.	2,355,798	HITACHI, LTD.	2,355,472
ALEXANDER	2,355,445	HALLIBURTON ENERGY		HITACHI, LTD.	2,356,026
GAO, SONG	2,355,921	SERVICES, INC.	2,356,493	HITACHI, LTD.	2,356,410
GARBER, THOMAS A.	2,339,542	HAMID, LAURENCE	2,317,211	HOECK, ROGER W.	2,354,786
GARLOCH, DUANE D.	2,354,807	HAMMOND GROUP, INC.	2,353,178	HOGUTA, KENNETH J.	2,352,713
GARNETT, MARK W.	2,350,138	HAMPO, RICHARD	2,354,326	HOOHMI BRAINS, INC	2,352,725
GAUDREAU, GUY	2,317,946	HAN, XIAO-QING	2,355,921	HOKUSHIN CORPORATION	2,356,045
GAULHOFER, ANDREAS	2,355,977	HANEISHI, HIDEHIKO	2,355,813	HOLLEMANN, GUNTER	2,354,632
GEBAUER, DETLEV	2,355,478	HARAKAWA, TSUYOSHI	2,357,054	HOMMA, HIROKI	2,356,205
GEHANNO, HERVE	2,354,828	HARDY, CHRISTIAN	2,357,408	HONDA GIKEN KOGYO	
GENERAL ELECTRIC		HARTEN, FRIEDRICH	2,355,442	KABUSHIKI KAISHA	2,355,170
COMPANY	2,355,801	HARTL, HELMUT	2,355,749	HONDA GIKEN KOGYO	
GENERAL MOTORS		HASHIMOTO, KEN	2,355,457	KABUSHIKI KAISHA	2,355,866
CORPORATION	2,349,280	HASHIMOTO, ZENZO	2,356,211	HONDA GIKEN KOGYO	
GENERAL MOTORS		HATAI, YASUO	2,355,562	KABUSHIKI KAISHA	2,355,913
CORPORATION	2,349,642	HATCH, THOMAS C.	2,353,075	HONDA GIKEN KOGYO	
GEORGE, LLOYD	2,354,740	HATSUMOTO, KUNIO	2,354,914	KABUSHIKI KAISHA	2,355,914
GILBERT, CHRISTOPHER	2,349,884	HATTORI, MAKOTO	2,355,988	HONDA GIKEN KOGYO	
GILBERT, DANNY LEE	2,355,755	HAUCK, AXEL	2,353,289	KABUSHIKI KAISHA	2,355,917
GIUSTI, ANDREA	2,355,612	HAWES, TIMOTHY R.	2,356,064	HONDA GIKEN KOGYO	
GODA, HIROKI	2,356,103	HAWKINS, BRET DAVID	2,355,793	KABUSHIKI KAISHA	2,355,927
GODA, HIROKI	2,356,785	HAYAKAWA, HITOSHI	2,356,029	HONDA GIKEN KOGYO	
GOETZ, RUDIGER	2,355,904	HAYASE, GAKU	2,335,668	KABUSHIKI KAISHA	2,355,937
GOHRT, ALEX	2,355,445	HAYASHI, HIROO	2,355,510	HONDA GIKEN KOGYO	
GOLDSCHMIDT AG	2,354,309	HAYASHI, HIROO	2,355,514	KABUSHIKI KAISHA	2,355,995
GOLUSZKA, MICHAEL	2,317,224	HAYASHI, HIROO	2,355,525	HONDA GIKEN KOGYO	
GONZALEZ, JESUS	2,355,590	HAYASHI, HIROO	2,355,569	KABUSHIKI KAISHA	2,356,008
GORDON, EVAN A.	2,351,133	HAYASHIBARA, TATSUHIKO		HONDA GIKEN KOGYO	
GOSS, STEPHEN C.	2,352,413		2,356,059	KABUSHIKI KAISHA	2,356,082
GOTOU, SAKAE	2,355,472	HAYASHIZAKI, YOSHIHIDE	2,356,123	HONDA GIKEN KOGYO	
GOULDSON, STANLEY F.	2,356,108	HAZAN, ISIDOR	2,348,187	KABUSHIKI KAISHA	2,356,233
GRACE MANUFACTURING		HEGENSCHEIDT-MFD GMBH		HONG, PETER S.	2,336,764
INC.	2,354,859	& CO. KG	2,355,489	HORIUCHI, TAKESHI	2,356,091
GRACE, JEFF	2,354,859	HEIDELBERGER		HORKOS CORP.	2,316,603
GRACE, RICHARD L.	2,354,859	DRUCKMASCHINEN		HORNSBY, JAMES R.	2,356,784
GRAF, WERNER	2,355,591	AKTIENGESELLSCHAFT	2,353,289	HOSCH, MICHAEL A.	2,356,028
GRAHAM, WILLIAM		HEINRICH, GERHARD W.	2,317,963	HOSHIKAWA, IKUO	2,355,482
DOUGLAS	2,354,365	HENNESSY, THOMAS	2,318,583	HOSHINO, TAKASHI	2,335,668
GRAHE, GERWALD F.	2,355,749	HENRY, SYLVAIN	2,354,828	HOSLE, HELMUT	2,356,726
GRAND, KERRY	2,354,326	HEPWORTH, DAVID	2,356,065	HOUSE, VINCENT E.	2,318,672
GRAVES, ALAN F.	2,352,990	HER MAJESTY IN RIGHT OF		HOWERTON, CARL O., JR.	2,351,828
GRAVILLE, STEPHEN RHYS	2,354,305	CANADA AS		HOYA CORPORATION	2,354,961
GRAY, ALAN	2,354,246	REPRESENTED BY THE		HOYA CORPORATION	2,355,021
GRAY, ALFRED L.	2,355,515	MINISTER OF COMMUNI		HUFFAKER, JOEY W.	2,351,828
GRAY, THOMAS	2,355,520	CATIONS	2,356,476	HUFFER, SCOTT W.	2,355,751
GRAZIANI, FRANCO	2,355,612	HERBERT, GLENN M.	2,353,075	HUM, JEFFREY K.	2,334,505
GRENDA, WERNER	2,356,005	HERKLOTZ, MARTIN	2,354,913	HUNSAKER BROS., INC.	2,343,625
GRENDA, WERNER	2,356,006	HERMAN, PETER	2,317,156	HUNSAKER, THEO R.	2,343,625
GRETAG-MACBETH AG	2,354,438	HERRELL, WILLIAM R., III	2,356,216	HUSSEIN, ESAM M.A.	2,355,560
GRIPP, JURGEN	2,352,379	HERROD, PHILLIP G.	2,354,646	HUTCHINSON, THOMAS F.,	
GROSSMAN, RICHARD F.	2,353,178	HICKEY, KURT A.	2,356,506	JR.	2,348,335
GRUB, JOACHIM	2,355,445	HICKS, KEITH B.	2,353,126	HYUNDAI MOTOR	
GRZESLO, RICHARD I.	2,316,628	HIERLEMANN, HELMUT	2,355,592	COMPANY	2,329,971
GSW INC.	2,316,732	HIGGINS, LAURIE D.	2,316,732		

**Index of Canadian Laid-Open Applications  
February 24, 2002 - March 2, 2002**

IBM CANADA LIMITED-IBM CANADA LIMITEE	2,317,081	JOSEPH, JOHNSON	2,317,145	KOYAMA, YOSHIAKI	2,355,866
ICHIBANGASE, HIROSHI	2,355,564	JUNG, SOO-YUL	2,355,747	KRAFT FOODS HOLDINGS, INC.	2,355,921
ICHINOSE, YUTA	2,335,668	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	2,355,482	KRAFT FOODS HOLDINGS, INC.	2,356,219
IDLAS, SCOTT A.	2,356,089	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	2,355,588	KRAMER, HANS-JOACHIM	2,355,445
IGARASHI, TAMIO	2,316,750	KABUSHIKI KAISHA TOSHIBA	2,356,091	KREBS, ROBERT R.	2,344,881
IGAUE, TAKAMITSU	2,355,514	KAGAWA, MASAMICHI	2,355,937	KRETSCHMANN, DEBORAH M.	2,353,075
IGAUE, TAKAMITSU	2,355,525	KAHN, JON B.	2,356,025	KROLLER, THORSTEN	2,354,309
IGAUE, TAKAMITSU	2,355,569	KAHN, WILLIAM C.	2,338,672	KRONOS TITAN GMBH & CO. OHG	2,356,074
IGNAT, LIVIU	2,318,299	KAISO, MASATO	2,355,482	KRUPEZEVIC, DRAGAN	2,353,429
IJIMA, MITSUMASA	2,355,562	KAISO, MASATO	2,355,588	KSA LIMITED PARTNERSHIP	2,357,090
IJICHI, YASUHIRO	2,355,927	KALB, HERBERT	2,355,489	KUC, JOHN SR.	2,316,703
IKENO, NAOAKI	2,356,056	KALTANI, TED	2,355,003	KUDOU, TAKAHIRO	2,355,588
IKUMA, TOMONORI	2,355,170	KAMINSKY, STEFAN	2,355,445	KUHLE, JORG	2,351,986
ILLINOIS TOOL WORKS INC.	2,353,276	KAMPHAUSEN, STEFAN	2,355,904	KUHNHOLD, HEIKE	2,356,094
ILLINOIS TOOL WORKS INC.	2,355,568	KAMURA, HITOSHI	2,355,021	KUKINO, SATORU	2,356,039
IMAGING RESEARCH, INC.	2,356,605	KANAOKA, NAGAYUKI	2,356,008	KUKINO, SATORU	2,356,042
INOUE, YASUSHI	2,353,227	KANEKO, SHINYA	2,355,525	KUMAGAI, SHIN	2,356,026
INSTITUT FRANCAIS DU PETROLE	2,355,490	KANEKO, SHINYA	2,355,569	KUMAGAI, YOKO	2,356,410
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,345,433	KANSAI PAINT CO., LTD.	2,355,813	KUMAZAWA, YOSHIYUKI	2,355,762
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,352,694	KAPPEL, GLENDON D.	2,354,890	KUMMER, PETER	2,355,922
INTERNATIONAL GAME TECHNOLOGY	2,356,015	KASAHARA, TSUYOSHI	2,356,237	KUNG, TIEN MEI	2,351,916
INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC	2,355,750	KASZAS, GABOR	2,316,741	KUNISADA, TERUFUSA	2,355,991
IPSEN INTERNATIONAL, INC.	2,354,290	KATIRAI, HOOMAN	2,316,743	KUNIYA, MASAYOSHI	2,356,237
ISHII, YUU	2,355,799	KATO, TAKATOSHI	2,355,819	KURAIISHI, CHIYA	2,355,762
ISHIKAWA, SHINJI	2,355,457	KAUTEX TEXTRON GMBH & CO. KG	2,356,491	KURARAY CO., LTD.	2,356,059
ISHIKAWA, SHINJI	2,355,823	KAWABUCHI, YOSHINORI	2,352,725	KURARAY CO., LTD.	2,356,209
ISRAEL, ADRIAN	2,318,318	KAWADA, MINORU	2,355,988	KURIYAMA, TAKESHI	2,356,513
ITKONEN, ISMO	2,355,910	KAWAKAMI, SHOTARO	2,356,513	KURODA, TATSUYA	2,355,914
ITO, MASA AKI	2,356,120	KAWASAKI STEEL CORPORATION	2,355,503	KUTSUKAKE, MITSUHIRO	2,356,082
ITOCHU CORPORATION	2,356,211	KAWASAKI STEEL CORPORATION	2,355,559	KWIATKOWSKI ABRILES, BETH	2,353,374
ITOYAMA, TSUYOSHI	2,355,492	KAWASAKI STEEL CORPORATION	2,355,562	LABARGE, KIM R.	2,316,752
IWAMOTO, HIROMI	2,355,159	KAWASAKI, KIICHIRO	2,355,819	LAGSDIN, ANDRY	2,317,150
IWASAKI, MITSUYOSHI	2,355,564	KAYANOKI, MINORU	2,316,750	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE	2,356,335
J.L. CLARK, INC.	2,355,515	KELLY, BRIAN S.	2,356,501	LAMICO, INC.	2,354,676
JAMESON, GARY O.	2,317,377	KENNAN, LINDA DENISE	2,356,223	LANDI, JAMES J.	2,355,029
JANTO, MARIA	2,324,876	KENNEDY, GIULIA	2,356,396	LARSON, JON C.	2,355,803
JASLIER, YANN	2,356,305	KENNEDY, GREGG MALCOLM	2,317,917	LARSON, VAN	2,355,803
JDS UNIPHASE CORPORATION	2,354,963	KIM, KI-BUM	2,356,161	LAUER, MARTIN	2,354,913
JDS UNIPHASE CORPORATION	2,354,969	KIM, SEUNG-HO	2,351,828	LAUKKANEN, RISTO	2,355,910
JDS UNIPHASE CORPORATION	2,355,447	KIMURA, HIROYUKI	2,355,927	LE SUMMIT INDUSTRIAL CO. LTD.	2,317,212
JDS UNIPHASE INC.	2,355,918	KIMURA, HIROYUKI	2,355,937	LEBOUCHER, MARIE-AGNES	2,356,223
JENKINS, MICHAEL D.	2,336,764	KIMURA, SEI	2,355,482	LECHER, NOEL	2,349,799
JENOPTIK LASER, OPTIK, SYSTEME GMBH	2,354,632	KIRCHNER, MARKUS	2,355,983	LECLERC, DANIEL	2,351,301
JEON, JIN-HOON	2,355,747	KIYOTOKI YOSHIHISA	2,356,026	LEE, SANDY	2,317,242
JOHANNSON, CLARK	2,356,034	KOBAYASHI, MASAKI	2,355,492	LEE, SHAU-TARNG	2,354,740
JOHNSON, JAMES T.	2,348,818	KOBAYASHI, TAKASHI	2,316,603	LEE, UN-KOO	2,329,971
JOHNSON, RICHARD	2,317,207	KOBAYASHI, TOSHIO	2,356,785	LEE, YUEH SHUANG	2,317,212
JOHNSTON, LINDA N.	2,351,133	KOIZUMI, SHIN	2,355,562	LELLI, NICOLA	2,356,023
JOLIMAITRE, ELSA	2,355,490	KOMPOSCH, GERD	2,356,511	LEMBCKE, JEFFREY J.	2,356,506
JOSEF, MARK J.	2,351,133	KONERNANN, STEFAN	2,355,459	LENSCH, GUNTER	2,317,926
JOSEPH, FRANZ	2,356,449	KONERNJAK, NORBERT	2,351,301	LENZ, GADI	2,352,378
		KORHONEN, TAPIO	2,355,910	LEVINE, ROBERT A.	2,350,349
		KORPELA, KALVIN W.	2,316,745	LEVINE, ROBERT A.	2,350,355
		KOSHIRO, CHIAKI	2,356,056	LEWIN, URI	2,355,420
		KOTOH, SATORU	2,335,668	LIANG, JENWEI	2,352,655

## Index des demandes canadiennes mises à la disponibilité du public

24 février 2002 - 2 mars 2002

LIANG, JENWEI	2,352,970	MCCALLION, KEVIN J.	2,316,752	MORRIS, RICHARD J.	2,355,878
LIBBY, BENJAMIN	2,317,207	MCCALLION, KEVIN J.	2,317,377	MORSEY, MOHAMAD ALI	2,356,124
LIBERTY DIVERSIFIED INDUSTRIES, INC.	2,355,878	MCCARTNEY, SCOTT CHARLES	2,354,365	MOSAID TECHNOLOGIES INC.	2,318,318
LICATA, GIUSEPPA	2,356,238	MCCORMICK, MARK ALAN	2,352,415	MUHLEMANN, ARTHUR	2,354,438
LIN, SZU-MIN	2,356,169	MCFARLANE, BLAINE J.	2,317,237	MUKASA, KAZUNORI	2,356,421
LINCOURT, RICHARD H.	2,355,921	MCGOWAN, JOSEPH L.	2,356,784	MULLER, ERWIN	2,356,518
LIZIO, ROSARIO	2,356,786	MCKENNA, PAUL A.	2,316,660	MURAGUCHI, ISAO	2,355,991
LODKA, HEAN	2,317,916	MCKENNA, PAUL A.	2,355,522	MURAKAMI, YOSHIHIDE	2,356,468
LOHMAN, GUY MARING	2,317,081	MCKILLOP, JOHN S.	2,354,963	MURAYAMA, MASARU	2,357,054
LONG, ALAN M.	2,334,074	McKINNON, ALEXANDER	2,316,726	MURPHY, KIERAN	2,356,032
LONGFIELD, COLIN	2,355,549	MCMULLIN, MICHAEL J.	2,334,505	NAGAYAMA, KATSUYA	2,355,819
L'ORÉAL S.A.	2,354,836	MCMULLIN, MICHAEL J.	2,345,930	NAGAYAMA, KATSUYA	2,355,823
LOUISVILLE LADDER GROUP, LLC	2,342,035	MCNEIL-PPC, INC.	2,355,903	NAGEL, ROBERT T.	2,355,167
LOVEKAMP, TERRI L.	2,353,280	MDS INC.	2,317,085	NAKAI, MICHIIRO	2,355,799
LUCENT TECHNOLOGIES, INC.	2,351,099	MEISEN, ULRICH	2,356,047	NAKAMURA, KENJI	2,356,101
LUCENT TECHNOLOGIES, INC.	2,351,100	MENARD, CHRISTIAN	2,316,939	NAKAMURA, NAOMICHI	2,355,559
LUCENT TECHNOLOGIES, INC.	2,351,966	MENDENHALL, ROBERT G.	2,353,201	NAKAMURA, NAOMICHI	2,355,562
LUCENT TECHNOLOGIES, INC.	2,352,010	MENINI, RICHARD	2,317,233	NAKAMURA, TAKAYUKI	2,316,750
LUCENT TECHNOLOGIES, INC.	2,352,378	MERKWIRTH, CHRISTIAN	2,355,904	NAKANISHI, ITSUTO	2,356,011
LUCENT TECHNOLOGIES, INC.	2,352,379	MEYER, MICHAEL	2,355,442	NAKAYA, MASAKAZU	2,356,209
LUCENT TECHNOLOGIES, INC.	2,352,413	MIDDLETON, DONALD STUART	2,356,065	NALBONE, ROBERT DANIEL	2,340,491
LUCENT TECHNOLOGIES, INC.	2,352,415	MIERINS, RAYMOND A.	2,316,735	NANAUMI, MASAOKI	2,356,008
LUCENT TECHNOLOGIES, INC.	2,353,744	MILILLO, WILLIAM D.	2,353,075	NATIONAL RESEARCH COUNCIL CANADA	2,317,233
LUCENT TECHNOLOGIES, INC.	2,353,744	MILLER, VALDON VIRGIL	2,316,756	NATIONAL RESEARCH COUNCIL OF CANADA	2,331,567
LUCENT TECHNOLOGIES, INC.	2,353,744	MILLINGTON, TONY	2,317,164	NATIONAL STEEL CAR LIMITED	2,317,070
LUCENT TECHNOLOGIES, INC.	2,352,413	MINAKI, TSUTOMU	2,316,750	NATIONAL STEEL CAR LIMITED	2,317,183
LUCENT TECHNOLOGIES, INC.	2,352,415	MINAMI, TADATSUGU	2,356,045	NATIONAL STEEL CAR LIMITED	2,317,185
LUCENT TECHNOLOGIES, INC.	2,353,744	MINATO, HIRONAO	2,353,227	NATIONAL STEEL CAR LIMITED	2,317,270
LUI, HENRY	2,354,246	MISTYURIK, JOHN D.	2,355,789	NATIONAL STEEL CAR LIMITED	2,317,272
MA, JIANGLEI	2,355,433	MITANI, YUKIO	2,355,492	NATIONAL STEEL CAR LIMITED	2,317,315
MACLEAN, DAVID BURTON	2,356,058	MITEL KNOWLEDGE CORPORATION	2,355,520	NATIONAL STEEL CAR LIMITED	2,317,316
MACMILLAN, DONALD JAMES	2,317,961	MITSUBISHI DENKI KABUSHIKI KAISHA	2,335,668	NATIONAL STEEL CAR LIMITED	2,352,694
MAESTRO, ROBERT M.	2,356,592	MITSUBISHI DENKI KABUSHIKI KAISHA	2,355,564	NEC CORPORATION	2,356,205
MAHADEVAN, RAMASWAMY	2,354,969	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,355,988	NEC CORPORATION	2,356,210
MAN ROLAND DRUCKMASCHINEN AG	2,356,105	MITSUISHI, TAKESHI	2,354,961	NEMOTO, HIDEKI	2,355,995
MANARANG-PENA, DOROTHY-GRACE	2,354,246	MITSUISHI, TAKESHI	2,355,021	NEMOTO, HIDEKI	2,356,233
MANIS, BRYAN W.	2,353,374	MITSUNO, SATOSHI	2,356,227	NEUROTH, DAVID H.	2,356,037
MANKE, JOACHIM	2,354,913	MIURA, ATSUSHI	2,319,314	NEW FLYER INDUSTRIES LIMITED	2,317,237
MANSOUR, RAAFAT R.	2,363,603	MIYATA, TOSHIHIRO	2,356,045	NEW YORK AIR BRAKE CORPORATION	2,354,506
MARCU, ADRIAN R.	2,356,015	MIYATAKE, SHINJI	2,355,813	NEWBY, TERRY E.	2,356,037
MARICIC, RICHARD	2,348,335	MIYAZAKI, YUTAKA	2,356,410	NEWMAN, EDWARD G.	2,350,015
MARTINEZ, ALAIN	2,356,305	MIZUTANI, SATOSHI	2,355,752	NEWMAN, EDWARD G.	2,350,247
MASOUMI, ZAHRA	2,356,605	MIZUTANI, SATOSHI	2,355,817	NEWTON, JOANNA	2,356,223
MATSUDA, KEIJI	2,355,503	MOELLER, LOTHAR BENEDICT ERHARD JOSEF	2,351,966	NEXANS	2,355,442
MATSUMURA, TAMOTSU	2,352,725	MOLD-MASTERS LIMITED MOLECULAR	2,356,011	NGO, HUNG VIET	2,353,169
MATSUO, AYUMU	2,355,866	MOLECULAR OPTOELECTRONICS CORPORATION	2,316,752	NGUYEN, PAUL	2,317,364
MATSUYAMA, RYUICHI	2,316,750	MOLECULAR OPTOELECTRONICS CORPORATION	2,317,377	NICOLICI, MARKO	2,316,745
MATSUYAMA, SHIN	2,354,914	MOLLER, CRAIG A.	2,354,290	NIELSEN, ERLING SKOV	2,354,460
MATT, ERNIE	2,356,476	MONTGOMERY, DANNY K.	2,356,054	NINOMIYA, KAZUHISA	2,355,584
MATTEL, INC.	2,356,501	MOORE, JAMES D., JR.	2,343,609	NINOMIYA, KAZUHISA	2,356,120
MAXHAM, KENNETH Y.	2,355,957	MORGANTI, PIERO	2,355,612	NIO, NORIKI	2,355,762
MAYTAG CORPORATION	2,336,242	MORGANTI, PIERO	2,355,754	NIPPON PAINT CO., LTD.	2,357,054
MAZZINI, ANDREA	2,356,238	MORI, NAOMICHI	2,316,750	NIPPON SANSO CORPORATION	2,354,914
MAZZUCA, MICHAEL	2,317,086	MORIO, TOMOHARU	2,356,410		
MCALLISTER, LINDA	2,356,396				
McBLANE, JOHN ANTHONY	2,327,447				

**Index of Canadian Laid-Open Applications**  
**February 24, 2002 - March 2, 2002**

NIPPON SHEET GLASS CO., LTD.	2,355,991	OPPMANN, EWALD A.	2,355,515	RAMESH, NATARAJAN S.	2,354,740
NIRO A/S	2,354,460	OSCA, INC.	2,344,734	RANCOURT, YVON	2,316,939
NISHIDA, YASUNORI	2,356,033	OSRAM SYLVANIA INC.	2,353,201	RASIDESCU, MIHAI	2,351,301
NISHIDE, KENJI	2,355,799	OTA, MICHIKO	2,356,039	RASIMUS, HEIKKI	2,355,910
NISHIKAWA, YOSHIHIRO	2,355,472	OTA, MICHIKO	2,356,042	RASIMUS, SEPPO	2,355,910
NISSHINBO INDUSTRIES, INC.	2,356,211	OTANI, AKIHITO	2,356,403	RATNI, MOHAMED	2,353,429
NITTO DENKO CORPORATION	2,355,584	OTANI, AKIHITO	2,356,406	RAVENS CROFT, KEITH N.	2,317,137
NITTO DENKO CORPORATION	2,356,120	OTSUBO, TOSHIFUMI	2,355,981	RAYMOND, BENOIT	2,316,939
NITTO DENKO CORPORATION	2,356,237	OTSUBO, TOSHINOBU	2,356,403	REAUME, ANDREW GERARD	2,355,403
NITTO DENKO CORPORATION	2,356,468	OTSUBO, TOSHINOBU	2,356,406	REINELT, GEORG	2,356,491
NIX, GERALD J.	2,355,750	PACCAR INC	2,338,672	REMIZOV, ALEKSANDR	
NORTEL NETWORKS LIMITED	2,316,745	PALLMANN		DMITRIEVICH	2,355,753
NORTEL NETWORKS LIMITED	2,351,140	MASCHINENFABRIK GMBH & CO. KG	2,356,132	REMPEL, BRUCE W.	2,317,207
NORTEL NETWORKS LIMITED	2,352,911	PALLMANN, WILHELM	2,356,132	RENK AG	2,356,726
NORTEL NETWORKS LIMITED	2,352,990	PAQUET, DONALD ALBERT JR.	2,348,187	REPEAT SEAT INC.	2,356,034
NORTEL NETWORKS LIMITED	2,355,433	PARKER, ANTHONY	2,355,034	REPKO, THOMAS A.	2,353,124
NOVEL SCIENCE INTERNATIONAL GMBH	2,355,904	PARKIN, KIRK L.	2,355,921	RESEARCH IN MOTION LIMITED	2,355,561
NTSAMA ETOUNDI, MARIE-CHRISTINE	2,356,305	PATEL, DINESH R.	2,355,509	REVELY, TIMOTHY JAMES	2,317,164
NU TECH GESELLSCHAFT FUR LASERTECHNIK, MATERIALPRUFUNG UND MESSTECHNIK M BH	2,317,926	PATENAUDE, FRANCOIS	2,356,476	REX INTERNATIONAL INCORPORATED	2,352,353
NUOVO PIGNONE HOLDING S.P.A.	2,355,612	PATIRE, THOMAS J.	2,355,926	REYNOLDS CONSUMER PRODUCTS, INC.	2,356,027
NUOVO PIGNONE HOLDING S.P.A.	2,355,754	PAXAR CORPORATION	2,355,789	RHEEM MANUFACTURING COMPANY	2,351,828
NUSS, BART	2,356,808	PECHINEY RHENALU	2,354,828	RICHER, MICHAEL	2,354,309
NUUTINEN, ESA	2,355,910	PENROSE, DAVID SCOTT	2,342,005	RICKERT, JOSEF	2,355,998
OAK-MITSUI, INC.	2,354,753	PERKINS, MATHEW NICHOLAS	2,318,287	RIGAMONTI, DANIELE	2,356,032
OBERLAENDER, GUILLAUME	2,356,305	PERKINS, MATHEW NICHOLAS	2,356,781	RIKEN	2,356,123
O'BRIEN, SEAN MICHAEL	2,349,884	PETERSON, KURT	2,317,224	RINZAKI, SHOICHI	2,355,995
ODSTRCIL, GLENN L.	2,354,790	PETERSON, LYLE M.	2,317,240	RINZAKI, SHOICHI	2,356,233
ODSTRCIL, KENNETH W.	2,354,790	PETTIT, FREDRICK M.	2,316,732	RIOUX, ROGER	2,351,301
OGAWA, YASUHIRO	2,356,026	PFIZER INC.	2,356,065	RISTERS, FRANK	2,355,489
OHARA, HISANORI	2,356,039	PFIZER PRODUCTS INC.	2,355,403	RITCHEY, JAMES L., JR.	2,355,478
OHARA, HISANORI	2,356,042	PFIZER PRODUCTS INC.	2,356,058	RJAIBI, WALID	2,317,081
OHGA, YUICHI	2,355,823	PFIZER PRODUCTS INC.	2,356,124	ROBERTS, NOEL	2,318,287
OHNISHI, HIROYUKI	2,356,513	PHELPS, ERNEST L.	2,344,881	ROBERTS, NOEL	2,356,781
OKA, YUTAKA	2,356,110	PHILLIPS, GREGORY A.	2,356,808	ROBERTSON, JEFFREY S.	2,349,799
OKADA, KATSUHIRO	2,356,468	PHILLIPS, TODD L.	2,339,542	RODRIG, BENNY	2,354,360
OKAZAKI, YUUJI	2,355,927	PILES, WILLIAM D.	2,357,090	ROGERS, HENRY E.	2,356,493
OKAZAKI, YUUJI	2,355,937	PITKANEN, JUHA	2,355,910	ROHRBACHER, PETER J.	2,355,034
OKIN, MATTHEW SCOTT	2,355,023	PLANCK, HEINRICH	2,355,592	RONZANI, PETER A.	2,336,764
OKUDE, SATOSHI	2,355,799	PLASMON IDE, INC.	2,354,890	ROY, KENNETH P.	2,353,251
OLESKE, PETER	2,353,251	PLAST-CONTROL GERATEBAU GMBH	2,355,459	RUBBERMAID INCORPORATED	2,349,884
OLESON, DAVIN E.	2,317,964	PLAY IT SAFE, INC.	2,317,148	RUIMI, MICHEL	2,356,303
OLISCHEFSKI, DERRIN L.	2,317,237	PLAYNATION PLAY SYSTEMS, INC.	2,349,799	RUPERT, AMY J.	2,352,713
OLK, OLAF	2,356,108	POOL, JOHN JR.	2,317,753	RUPP, GLENN A.	2,324,161
OMRON CORPORATION	2,356,056	PORAT, CHEN	2,355,420	RUPP, MARKUS	2,351,100
ONISHI, KAZUAKI	2,354,882	POUBANNE, PHILIPPE	2,356,303	RUPP, MARKUS	2,352,010
ONO, RIKIO	2,355,503	POUTONNET, SYLVIE	2,356,303	RUSBOURNE, ROBERT V.	2,317,083
		PRAXAIR TECHNOLOGY, INC.	2,355,610	RUSSELL, JESSE EUGENE	2,352,713
		PREMARK FEG L.L.C.	2,353,226	RUTZ, DAVID A.	2,353,374
		PREMARK RWP HOLDINGS, INC.	2,344,881	S.S. WHITE TECHNOLOGIES INC.	2,324,161
		PREMARK RWP HOLDINGS, INC.	2,354,790	SABO MASCHINENFABRIK GMBH	2,356,449
		PURCELL, D. GLENN	2,354,427	SACH, ACHIM	2,317,926
		QUOIZEL, INC.	2,339,542	SAIMATEC ENGINEERING OY	2,355,910
		RAFTIS, DAVID M.	2,318,017	SAINT-GOBAIN CALMAR INC.	2,354,815
		RAIFFEISEN-WAREN-ZENTRALE RHEIN-MAIN E.G.	2,355,998	SAITO, JUNICHI	2,355,584
		RAJEWSKI, ROBERT C.	2,316,701	SAITO, JUNICHI	2,356,120
				SAITO, NOBUHIRO	2,356,008

**Index des demandes canadiennes mises à la disponibilité du public  
24 février 2002 - 2 mars 2002**

SAITOH, TATSUHIKO	2,355,823	SHIMO, HIROYUKI	2,356,209	STRAUCH, HANS CHRISTIAN	2,317,364
SAKAGUCHI, SHOJI	2,355,762	SHIMOMURA, TAKUYA	2,356,056	STRAWCZYNSKI, LEO	2,351,140
SAKAMOTO, AKIRA	2,356,026	SHIMURA, KENJI	2,355,915	SU, XING	2,356,396
SAKAMOTO, JIRO	2,355,762	SHINDE, KENICHI	2,354,961	SUATAC, ISMAIL CEMIL	2,317,317
SAKAMOTO, KOICHI	2,355,482	SHINDE, KENICHI	2,355,021	SUDO, GO	2,356,513
SALEM, JAY M.	2,351,133	SHINDO, YOSUKE	2,355,482	SUDO, MORIHIRO	2,354,874
SALIAHOV, OLEG	2,318,310	SHINDO, YOSUKE	2,355,588	SULLAWAY, BOBBY L.	2,356,493
SALIAHOV, OLEG	2,356,787	SHIN-NAKAMURA		SUMINO, TATSUO	2,316,750
SAMSUNG ELECTRONICS		CHEMICAL CO., LTD.	2,316,750	SUMITOMO CHEMICAL	
CO., LTD.	2,355,747	SHINOHARA, HIROYUKI	2,356,026	COMPANY, LIMITED	2,356,033
SAMSUNG ELECTRONICS		SHINOHARA, YASUO	2,356,033	SUMITOMO ELECTRIC	
CO., LTD.	2,356,161	SHIRAISHI, RUMIKO	2,353,227	INDUSTRIES, LTD.	2,355,159
SANCHEZ, RUBEN M.	2,354,790	SILVENNOINEN, TIMO	2,355,910	SUMITOMO ELECTRIC	
SANDFORD, PETER E.	2,317,290	SINGH, RAJ P.	2,353,201	INDUSTRIES, LTD.	2,355,457
SANDS, PHILLIP MICHAEL	2,352,413	SINK, DANNY R.	2,350,138	SUMITOMO ELECTRIC	
SARKLIKLIOTIS, WERNER	2,356,786	SIVADAS, APU	2,356,139	INDUSTRIES, LTD.	2,355,819
SASAKI, YASUYUKI	2,356,237	SKORUPSKI, EDWARD C.	2,354,753	SUMITOMO ELECTRIC	
SASAMORI, TOSHIAKI	2,356,056	SKULL, JOHN CHARLES	2,355,925	INDUSTRIES, LTD.	2,355,823
SASHO, NOBORU	2,353,429	SLUSHER, RICHART		SUMITOMO ELECTRIC	
SATO, ATSUSHI	2,355,019	ELLIOTT	2,352,378	INDUSTRIES, LTD.	2,356,039
SATO, JUNKO	2,356,059	SMICH, ANDREW	2,316,628	SUMITOMO ELECTRIC	
SATO, TAKAYA	2,356,211	SMIRLE, STEVEN JOHN	2,316,696	INDUSTRIES, LTD.	2,356,042
SATO, TSUTOMU	2,355,866	SMITH, DAVID	2,356,139	SUNBEAM PRODUCTS, INC.	2,355,563
SAUTER, JEFFREY F.	2,354,506	SMITH, FRANCIS JAMES	2,352,655	SUNG, SOON-KEE	2,315,900
SAYAMA, YASUSHI	2,353,227	SMITH, FRANCIS JAMES	2,352,970	SURE FOOT CORPORATION	2,355,803
SCARIMBOLO, ROBERTO	2,317,163	SMITH, GORDON	2,354,753	SUZUKI, MIOU	2,355,531
SCHEUNERT, PETER	2,354,913	SMITH, MICHAEL	2,351,770	SUZUKI, NAOMI	2,353,227
SCHILLING, E.E.	2,355,998	SMITH, RICHARD D.	2,346,450	SUZUKI, SEIJI	2,353,223
SCHLUMBERGER CANADA		SMITH, WILLIAM HOWARD	2,354,365	SUZUKI, SHIGERU	2,355,866
LIMITED	2,355,509	SMITHKLINE BEECHAM		SYMANOWSKI, JAN	2,354,632
SCHLUMBERGER CANADA		P.L.C.	2,318,298	TAI, KUOCHOU	2,355,447
LIMITED	2,355,549	SNC TECHNOLOGIES INC.	2,317,084	TAI, SHINJI	2,356,209
SCHMED, ARTHUR	2,356,116	SNECMA MOTEURS	2,356,303	TAKADA, HIROKAZU	2,356,029
SCHMELZER, JOSEF	2,356,074	SNECMA MOTEURS	2,356,305	TAKAHASHI, TOSHIAKI	2,356,091
SCHMITT, ANTHONY L.	2,317,151	SNYDER, TIMOTHY J.	2,356,501	TAKAHASHI, TSUTOMU	2,356,033
SCHNECK, FRANK H., JR.	2,338,672	SOCIETE EUROPEENNE DES		TAKAI, HISASHI	2,355,531
SCHNEIDER AUTOMATION	2,357,408	SATELLITES S.A.	2,317,278	TAKATA, SHIGENOBU	2,355,503
SCHNEIDER AUTOMATION	2,357,409	SOFOTEC GMBH & CO. KG	2,356,786	TAKATSU, HARUYOSHI	2,356,513
SCHNEIDER, RONALD D.	2,351,133	SOMEKAWA, MASAMI	2,355,482	TAKEDA, SHUJI	2,355,915
SCHOOLER, TIMOTHY		SOMEKAWA, MASAMI	2,355,588	TAKEUCHI, TOSHIO	2,336,432
CARLYLE	2,354,890	SONOCO DEVELOPMENT,		TANAKA, TOSHIAKI	2,356,091
SCHROEDER, KARL	2,317,935	INC.	2,355,751	TANGE, SATORU	2,355,923
SCHWAB, CLEMENS	2,355,977	SONOCO DEVELOPMENT,		TANGE, SATORU	2,355,924
SEALED AIR CORPORATION		INC.	2,356,030	TANI, KOICHIRO	2,355,810
(US)	2,354,740	SONY CORPORATION	2,353,429	TANIGUCHI, HIROAKI	2,354,946
SEEDS, GLEN	2,316,643	SONY INTERNATIONAL		TANIGUCHI, HIROAKI	2,355,587
SEEDS, GLEN	2,355,781	(EUROPE) GMBH	2,353,429	TANNER, SCOTT D.	2,317,085
SEKIGUCHI, YUKINARI	2,355,991	SOULES, THOMAS		TANNER, WAYNE R.	2,353,280
SEO, JOONG-EON	2,355,747	FREDERICK	2,355,801	TASCI, VARUJAN	2,317,145
SEO, SHINNJI	2,357,054	SPOTLESS PLASTICS PTY.		TATEISHI, ART	2,317,264
SESTITO, VINCENZO	2,355,997	LTD.	2,356,108	TATOH, NOBUYOSHI	2,355,159
SESTITO, VINCENZO	2,356,238	STAR COATING AG	2,355,922	TAVERNIER, PHILIPPE	2,354,828
SEXSMITH, MICHAEL P.	2,355,977	STATE INDUSTRIES, INC.	2,355,999	TAYLOR, ROBERT	2,317,156
SHABTAY, LIOR	2,354,360	STAWIKOWSKI, JEAN-		TAYLOR, ROBERT	2,356,335
SHAH, VIRESH B.	2,353,124	MARIE	2,357,408	TEETS, W. BRADLEY	2,353,434
SHAHIN, NABIL OTHMAN	2,355,999	STAWIKOWSKI, JEAN-		TEIKOKU HORMONE MFG.	
SHANNON, JOHN	2,353,075	MARIE	2,357,409	CO., LTD.	2,336,432
SHEPPARD, MICHAEL		STEIN, MARKUS	2,355,459	TELEFONAKTIEBOLAGET	
GEORGE	2,356,124	STENKE, UDO	2,356,094	LM ERICSSON	2,324,876
SHERMAN, RONALD	2,352,713	STERN, CARL M.	2,356,501	TELEKESI, GEZA	2,317,867
SHIBATA, AKIRA	2,355,698	STEWART, JEF	2,317,218	TELELIAISON	
SHIBATA, TOSHIKAZU	2,355,457	STIBUREK, ILONA	2,355,922	INTERNATIONAL INC.	2,317,307
SHIKATANI, MASAHIKO	2,355,698	STICKNEY, WILLIAM R.	2,355,568	TELESCA, JOSEPHINE	2,355,023
SHIMA, KENSUKE	2,355,799	STOBIE, ALAN	2,356,065	TENEX CORPORATION	2,317,224
SHIMADA, TAKAAKI	2,353,223	STRAUB, ALAIN	2,318,021	TEPERA, GENEVIEVE L.	2,344,881
SHIMADA, TAKAAKI	2,356,101				

**Index of Canadian Laid-Open Applications**  
**February 24, 2002 - March 2, 2002**

TEZUKA, SATORU	2,356,410	UNISIA JECS CORPORATION	2,355,562	WILLIAMS, MICHAEL	2,356,032
THE BOC GROUP PLC	2,354,305	UNITED TECHNOLOGIES		WILSON, ROBERT S.	2,351,133
THE FURUKAWA ELECTRIC		CORPORATION	2,353,374	WINCHESTER, ERIC L.	2,334,505
CO., LTD.	2,356,421	UNIVERSITE LAVAL	2,317,056	WINCHESTER, ERIC L.	2,345,930
THE HOOVER COMPANY	2,351,133	UNIVERSITY OF ALBERTA	2,356,455	WINKELBACH, HANS	
THOMAS, DEAN	2,353,075	UPPER CANADA SYSTEMS	2,317,205	RAFAEL	2,317,364
THOMSON LICENSING S.A.	2,355,793	URANO, YUJI	2,356,045	WOERLEIN, GERHARD	2,317,242
THURK, MARCEL	2,355,904	URBAN, TED F.	2,354,676	WOLF-HEUSS, ELISABETH	2,356,786
TOKUMOTO, MEGUMI	2,355,752	USUI, NAOKI	2,355,492	WONG, KENNETH KAI	2,355,610
TOKUMOTO, MEGUMI	2,355,817	VALIANT MACHINE & TOOL		WU, SHIQUAN	2,351,140
TOMASSCHEWSKI, KARL-		INC.	2,355,948	WU, SHIQUAN	2,355,433
HEINZ	2,355,780	VAN WEY, SCOTT CHARLES	2,355,878	XEROX CORPORATION	2,353,075
TOMIC, MLADOMIR	2,356,027	VAV ALUMINIUM AG	2,317,926	XU, XINGYI	2,354,326
TOMINAGA, AKIRA	2,355,813	VIAGOLD DIRECT NETWORK		XYBERNAUT CORPORATION	
TONG, WEN	2,351,140	LIMITED	2,351,916		2,336,764
TONG, WEN	2,355,433	VICTOR, RICHARD AMORY	2,355,610	XYBERNAUT CORPORATION	
TOPPER INDUSTRIAL, INC.	2,345,165	VOITH PAPER PATENT			2,350,015
TOPPER INDUSTRIAL, INC.	2,346,271	GMBH	2,355,983	XYBERNAUT CORPORATION	
TOPPER INDUSTRIAL, INC.	2,346,632	VOITH PAPER PATENT			2,350,247
TORIHARA, MASAHIRO	2,356,059	GMBH	2,356,511	YAGOU, TOSHIYA	2,354,882
TOSHIYASU, YOSHIOKA	2,355,810	VOLLMER, DANIEL PATRICK		YAGUCHI, HIROSHI	2,355,482
TRAN-NGOC, TRUC	2,317,952		2,344,734	YAGUCHI, HIROSHI	2,355,588
TRAVERS, JOHN F.	2,349,884	WABASH TECHNOLOGY		YAMAGATA, TAKAYUKI	2,355,866
TRENDMASTERS, INC.	2,356,784	CORPORATION	2,355,487	YAMAKI, KOICHI	2,355,531
TRICAN WELL SERVICE LTD.		WABASH TECHNOLOGY		YAMAKI, KOICHI	2,356,227
	2,318,297	CORPORATION	2,355,755	YANAGI, KAZUYA	2,356,210
TSUBOUCHI, MASANORI	2,355,170	WAGONER, GREGORY A.	2,316,752	YANG, HUEI-MING	2,352,655
TSUBOUCHI, MASANORI	2,355,913	WAHL, STEFAN	2,356,000	YANG, HUEI-MING STEVE	2,352,970
TSUBOUCHI, MASANORI	2,355,917	WALTERS, MARK DAVID	2,354,963	YANG, WON-HOI	2,355,164
TSUCHIDA, TAKEHIRO	2,355,482	WARD, KEVIN M.	2,356,808	YASUHIRO, KOWA	2,354,914
TSUCHIDA, TAKEHIRO	2,355,588	WARDLAW PARTNERS LP	2,350,349	YEKTA, AHMAD	2,356,605
TSUCHIYA, ICHIRO	2,355,823	WARDLAW PARTNERS LP	2,350,355	YODER, LAMAR D.	2,355,750
TSUJI, NAOHIRO	2,357,054	WARDLAW, STEPHEN C.	2,350,349	YOSHIDA, HIROAKI	2,356,110
TSUJI, YUICHI	2,356,110	WARDLAW, STEPHEN C.	2,350,355	YOSHIDA, HIROSHI	2,356,211
UCHIYAMA, TAKENORI	2,355,823	WARR, CHARLES J.	2,352,353	YOSHIDA, TOSHIKAZU	2,355,564
UENO, TOSHIAKI	2,356,045	WASSICK, ERIC		YOSHIMASA, WATARU	2,355,752
UENOSONO, SATOSHI	2,355,559	MONTGOMERY	2,318,295	YOSHIMASA, WATARU	2,355,817
UENOSONO, SATOSHI	2,355,562	WATANABE, HIROTO	2,356,403	YOSHIMURA, TAKASHI	2,355,562
ULMER, KURT V.	2,356,784	WATANABE, HIROTO	2,356,406	YU, GYUNG-HEE	2,315,900
ULVINEN, VELI	2,355,910	WATERMAN, TIMOTHY J.	2,354,807	YU, MING	2,356,139
UMWETEC GMBH & CO. KG	2,355,780	WATSON, CURTIS G.	2,317,148	YUET, PAK K.	2,355,801
UNAMI, SHIGERU	2,355,559	WATSON, RICHARD		YUN, CHONG S.	2,354,838
UNAMI, SHIGERU	2,355,562	WILLIAM	2,354,305	ZAAYMAN, OSWALD	
UNEMI, AKIHIRO	2,335,668	WEATHERDATA, INC.	2,351,770	CORNELIUS	
UNI-CHARM CORPORATION	2,353,223	WEIMAN, ANDREW M.	2,356,501	DANNHAUSER	2,319,619
UNI-CHARM CORPORATION	2,353,227	WEINSTEIN, ALBERT I.	2,316,638	ZARELIUS, CHRISTER	2,354,724
UNI-CHARM CORPORATION	2,354,882	WEIS, MANFRED	2,354,913	ZERO-KNOWLEDGE	
UNI-CHARM CORPORATION	2,354,946	WEISS, JORN VOLKER	2,356,005	SYSTEMS INC.	2,316,743
UNI-CHARM CORPORATION	2,355,510	WEISS, JORN-VOLKER	2,356,006	ZHANG, KEWEI	2,318,297
UNI-CHARM CORPORATION	2,355,514	WEISS, MICHAEL	2,355,520	ZHU, TERRY D.	2,354,963
UNI-CHARM CORPORATION	2,355,525	WESTBROOK, PAUL		ZIMMERMAN, SCOTT	2,354,753
UNI-CHARM CORPORATION	2,355,531	STEPHEN	2,351,966	ZIMMERMANN, HANS	2,355,489
UNI-CHARM CORPORATION	2,355,569	WHEELER, DAVID WALTER	2,356,124	ZIRNGIBL, MARTIN	2,352,379
UNI-CHARM CORPORATION	2,355,587	WHIPPLE, ROBERT Z., JR.	2,336,242	ZUBER, RALF	2,356,094
UNI-CHARM CORPORATION	2,355,698	WHITEHEAD, LEE CURTIS	2,349,280		
UNI-CHARM CORPORATION	2,355,752	WHITSON, ROBERT L.	2,356,173		
UNI-CHARM CORPORATION	2,355,810	WICHARD, JORG	2,355,904		
UNI-CHARM CORPORATION	2,355,817	WIDRICH, DION	2,316,605		
UNI-CHARM CORPORATION	2,355,923	WIESENFELDT, MARTIN	2,355,904		
UNI-CHARM CORPORATION	2,355,924	WILBOURN, PHILLIP R.	2,356,037		
UNI-CHARM CORPORATION	2,355,981	WILDMAN, ANDREW ERIC	2,353,226		
UNI-CHARM CORPORATION	2,356,101	WILFER, HANS-PETER	2,349,632		
UNI-CHARM CORPORATION	2,356,103	WILGER, WILFRED	2,317,005		
UNI-CHARM CORPORATION	2,356,227	WILKENING, KEVIN J.	2,353,124		
UNI-CHARM CORPORATION	2,356,785	WILKENING, KEVIN J.	2,353,280		
UNILEVER PLC	2,355,023	WILLIAMS, JOHN W.	2,336,764		

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

@HOC INC.	2,368,081	AMERICAN CYANAMID		AXYS PHARMACEUTICALS,	
3 DTS, A.S.	2,367,840	COMPANY	2,367,984	INC.	2,367,895
3DM INTERNATIONAL, INC.	2,367,819	AMERICAN MEDICAL		AXYS PHARMACEUTICALS,	
3M INNOVATIVE PROPERTIES		SYSTEMS, INC.	2,368,977	INC.	2,368,122
COMPANY	2,366,868	AMERSHAM PHARMACIA		AXYS PHARMACEUTICALS,	
3M INNOVATIVE PROPERTIES		BIOTECH AB	2,368,019	INC.	2,368,148
COMPANY	2,366,947	ANATOMIC RESEARCH, INC.	2,367,633	AZIMI, MASUD	2,368,107
3M INNOVATIVE PROPERTIES		ANCEL, JEAN-ERICK	2,368,758	AZIMZAI, YALDA	2,368,833
COMPANY	2,367,837	ANDERSON, GREGOR JOHN		BABA, YASUO	2,367,934
3M INNOVATIVE PROPERTIES		MCLENNAN	2,366,958	BACIC, EUGEN	2,368,000
COMPANY	2,367,869	ANDERSON, MICHAEL PAUL	2,366,735	BACIC, EUGEN	2,368,078
3M INNOVATIVE PROPERTIES		ANDREAE FILTERS, INC.	2,368,008	BADETTI, ROLANDO	2,366,845
COMPANY	2,368,166	ANNONIER, CLAUDE	2,366,777	BADIA, MICHAEL	2,367,017
3M INNOVATIVE PROPERTIES		APELQVIST, THERESA	2,367,792	BAEZA, RICHARD	2,367,850
COMPANY	2,368,511	ARAI, SHINICHI	2,368,327	BAILLIE, LESLIE WILLIAM	
3M INNOVATIVE PROPERTIES		ARC SECOND, INC.	2,366,711	JAMES	2,366,613
COMPANY	2,368,777	ARC SECOND, INC.	2,366,720	BAILLIE, LESLIE WILLIAM	
3M INNOVATIVE PROPERTIES		ARC SECOND, INC.	2,366,730	JAMES	2,366,908
COMPANY	2,368,844	ARENA PHARMACEUTICALS,		BALATON POWER	
ABB AB	2,367,398	INC.	2,368,447	CORPORATION S.A	2,367,961
ABB AB	2,368,030	ARSEGUEL, DIDIER	2,367,850	BALDERUS, JAMES	2,366,999
ABBOTT LABORATORIES	2,367,125	ARTHUR, RONALD WILLIAM	2,367,345	BANERJEE, DORA	2,367,509
ABBOTT LABORATORIES	2,367,995	ASAKAWA, MAKOTO	2,368,944	BARDASH, MICHAEL J.	2,366,595
ABDEL-MEGUID, SHERIN S.	2,368,965	ASAKAWA, MAKOTO	2,368,948	BARKER, JEREMY	2,367,338
ACKER, DAVID E.	2,368,707	ASHTON, PAUL	2,367,092	BARNHOUSE, ROBERT	2,369,038
ACME GRATING VENTURES,		ASPIOTIS, RENEE	2,367,862	BARRIENTOS, EDWARD R.	2,366,720
LLC	2,367,050	ASPLUND, GUNNAR	2,368,030	BARTELT, RONALD LEE	2,368,207
ADAMSON, JAMES GORDON	2,366,833	ASTRAZENECA AB	2,367,866	BASELL TECHNOLOGY	
ADC TELECOMMUNICATIONS,		ASTRAZENECA AB	2,368,097	COMPANY BV	2,368,286
INC.	2,367,567	ASTRAZENECA AB	2,368,186	BASF AKTIENGESELLSCHAFT	2,367,317
ADOLF, GUNTHER	2,368,539	ATD CORPORATION	2,366,742	BASF AKTIENGESELLSCHAFT	2,367,897
AGRAQUEST, INC.	2,367,775	ATOFINA	2,367,154	BASF AKTIENGESELLSCHAFT	2,368,312
AIR-RIDE (S.A.) PTY LTD.	2,367,902	ATOMA INTERNATIONAL		BASF CORPORATION	2,366,809
AISO, KEIICHI	2,368,327	CORP.	2,368,015	BASTIAN, BORIS	2,368,109
AKIRA, SHIZUO	2,368,217	ATP AVANT-GARDE		BATIO, JEFFRY	2,366,770
AKZO NOBEL N.V.	2,363,027	TECHNOLOGIES &		BAUGHN, MARIAH R.	2,368,833
ALARIS MEDICAL SYSTEMS,		PRODUCT MARKETING &		BAVELY, JANE LOUISE	2,367,677
INC.	2,368,955	LICENSING S.A.	2,366,845	BAYER	
ALBANY MOLECULAR		AUBAUER, ROLAND	2,367,579	AKTIENGESELLSCHAFT	2,368,236
RESEARCH, INC.	2,367,354	AUCKLAND UNISERVICES		BAYLY, CHRISTOPHER	2,367,862
ALCON LABORATORIES, INC.	2,368,242	LIMITED	2,367,882	BAZYLENKO, MICHAEL	2,367,047
ALESSIO, GERALD R.	2,363,027	AULER, THOMAS	2,367,920	BECKER, RONALD F.	2,368,286
ALFRED E. MANN		AVENTIS ANIMAL NUTRITION		BECKERS, JOHANNES	
FOUNDATION	2,368,271	S.A.	2,366,777	GERHARDUS JOSEPH	2,367,867
ALIBERTO, ANTHONY C.	2,368,243	AVENTIS CROPSCIENCE GMBH		BEDNAR, EUGENE D.	2,368,127
ALLEN, DOUGLAS	2,368,103		2,366,645	BEELEY, NIGEL R. A.	2,368,447
ALLIED PHOTOCHEMICAL,		AVENTIS CROPSCIENCE GMBH		BEHAN, DOMINIC P.	2,368,447
INC.	2,368,372		2,367,920	BEHN, LAWRENCE P.	2,366,999
ALPAR, HAZIRE OYA	2,366,613	AVENTIS CROPSCIENCE GMBH		BEHN, LAWRENCE P.	2,368,127
ALPAR, HAZIRE OYA	2,366,908		2,367,921	BELIVEAU, SEAN M.	2,366,720
ALSUS CORPORATION	2,368,243	AVENTIS CROPSCIENCE S.A.	2,368,758	BELL, DONALD R.	2,368,166
ALSTOM	2,368,066	AVENTIS PASTEUR	2,366,869	BENAYOUN, JEAN-PAUL	2,368,296
ALSTON, JERALD K.	2,367,892	AVIVA BIOSCIENCES		BENNETT, TIMOTHY J.	2,369,014
ALTMAN, SJOERD	2,366,999	CORPORATION	2,367,698	BENSON, GERALD M.	2,368,777
ALUSUISSE TECHNOLOGY &		AVIX INC.	2,367,145	BENSON, SCOTT C.	2,367,868
MANAGEMENT AG	2,368,046	AWARE, INC.	2,369,110	BERGINGER, ANDREAS	2,367,848
ALVERSON, STEVEN E.	2,367,054			BERGUM, ALAN J.	2,367,577

## Index of PCT Applications Entering the National Phase

BERTHOLD, ACHIM	2,366,859	PUBLIC LIMITED		CHIANG, WAN-TING	2,368,043
BERTRAND, WILFRED ROY	2,368,127	COMPANY	2,367,982	CHILDREN'S MEDICAL	
BETHIEL, SCOTT	2,367,017	BRITZ, PETER	2,367,848	CENTER CORPORATION	2,367,213
BEVERLEY, STEPHEN M.	2,368,113	BROGHAMMER, THOMAS	2,367,900	CHIMENTI, ROBERT JOHN	
BHAGWAT, SHRIPAD S.	2,367,895	BROOKS-WILSON, ANGELA R.	2,367,955	LOUIS	2,366,735
BHUSHAN, INDU	2,366,617	BROQUA, PIERRE	2,366,911	CHOH, NOBUO	2,368,108
BI, XIAONING	2,367,112	BROQUA, PIERRE	2,366,926	CHOUGNET, CLAIRE	2,367,132
BIEGERT, HUBERTUS	2,367,893	BROWN, DEARG SUTHERLAND		CHUNG, AMAN K. M.	2,365,219
BIERINGER, HERMANN	2,367,920		2,368,097	CHUNGI, SHUBHA	2,368,367
BIJAM BIOSCIENCE LIMITED	2,364,173	BROWN, IAN	2,367,880	CIBA SPECIALTY CHEMICALS	
BIJLENGA, BO	2,368,030	BROWN, KAREN LEANNE	2,368,258	HOLDING INC.	2,368,139
BILLAULT, ALAIN	2,368,088	BRYANT, CLIFFORD M.	2,368,122	CLAGETT, JAMES	2,367,048
BILLING-MEDEL, PATRICIA A.	2,367,125	BRYANT, CLIFFORD M.	2,368,148	CLARKE, JEREMY GUY	2,368,537
BINETTE, MARK L.	2,367,381	BTG ECLEPENS S.A.	2,368,592	CLARKE, NEVILLE	2,367,345
BIODERM, INC.	2,366,996	BUCHANAN, BOB B.	2,368,214	COE, CRAIG M.	2,366,687
BIOJECT, INC.	2,368,142	BUCHRIESER-BROSCH,		COHEN, MAURICE	2,367,125
BIOPATH AUTOMATION, L.L.C.	2,368,103	ROLAND	2,368,088	COLBERT, DANIEL T.	2,368,043
BIOTEC ASA	2,367,875	BUCKINGHAM, MARK R.	2,367,869	COLE, STEWART	2,368,088
BIRSE, CHARLES	2,368,068	BUIE, THOMAS	2,366,999	COLIGAN, JOHN E.	2,367,132
BLACK CLAWSON COMPANY,		BUNIN, BARRY A.	2,368,122	COLLINS, JOEL III	2,367,300
INC.	2,367,976	BURGER, CHRISTA	2,368,461	COLPITTS, TRACEY L.	2,367,125
BLACK, CAMERON	2,367,862	BURKE, TIMOTHY M.	2,368,092	COMBIMATRIX CORPORATION	
BLECH, STEFAN	2,368,059	BUTLER, KURT I.	2,367,350		2,367,925
BLESSITT, JAMES H.	2,368,782	CABAK, JAMES E.	2,368,977	COMISKEY, JOHN D.	2,367,723
BLOCH, GERALD	2,366,836	CABOT CORPORATION	2,367,907	COMPUTER ASSOCIATES	
BLOCH, GILBERT	2,366,836	CAIN, BYRON LEE	2,368,127	THINK, INC.	2,367,061
BLOCK DRUG COMPANY, INC.	2,365,254	CAMERON, NORMAN EUGENE	2,368,186	CONGARD, PIERRE	2,367,837
BLOM, JOHANNES JOZIAS	2,367,867	CANADIAN SPACE AGENCY	2,367,690	CONTROL DELIVERY SYSTEMS	
BLUTE, TERENCE STANLEY	2,367,902	CANCER RESEARCH			2,367,092
BOARD OF REGENTS, THE		VENTURES LIMITED	2,367,464	COOK, CHRISTOPHER A.	2,366,667
UNIVERSITY OF TEXAS		CANTEY, PATRICK S., III	2,368,011	COOK, RONALD THOMAS	2,367,940
SYSTEM	2,368,427	CARDIAC ASSIST		COOKE, MICHAEL CHARLES	2,368,061
BOBROW, MARK NORMAN	2,368,190	TECHNOLOGIES, INC.	2,369,052	COON, ROBERT JOE	2,366,863
BOEHRINGER INGELHEIM		CARDY, DOUG	2,369,038	COOPER, GARTH JAMES SMITH	
INTERNATIONAL GMBH	2,368,539	CARGILL, JOHN	2,366,494		2,367,882
BOEHRINGER INGELHEIM		CARGILL, LYNN E.	2,367,819	COPENHAVER, GREGORY	2,362,897
PHARMA KG	2,367,364	CARISELLA, JAMES V.	2,367,559	CORETEK, INC.	2,368,107
BOEHRINGER INGELHEIM		CARLUCCI, GIOVANNI	2,367,994	CORNISH, JILLIAN	2,367,882
PHARMA KG	2,368,059	CARLUCCI, GIOVANNI	2,368,076	COROB INTERNATIONAL AG	2,367,086
BOJACK, GUIDO	2,367,921	CARLUCCI, GIOVANNI	2,368,203	CORRIGAN, MICHAEL ARTHUR	
BOLEN, DONALD L.	2,367,061	CARPENTER, ROBERT H.	2,369,067		2,368,127
BOLLINGER, PARKER A. JR.	2,368,782	CARTIER, JEAN-RENE	2,366,869	COSTANTINI, MICHEL	2,368,004
BOLLON, ARTHUR P.	2,367,471	CASANOVA, ALBERTO C.	2,367,069	COTTER, MARY ANNE	2,368,186
BONELLI, GUIDO	2,367,994	CASARINI, PAOLO	2,367,086	CRAIGEN, STEVEN J.	2,367,934
BONELLI, GUIDO	2,368,076	CASAVANT, MICHAEL J.	2,368,043	CRAVEN, MARK L.	2,367,892
BONNER, ERNEST JR.	2,367,658	CASE WESTERN RESERVE		CREOSCITEX CORPORATION	
BOREK, JAMES R.	2,367,988	UNIVERSITY	2,367,990	LTD.	2,367,870
BORYSEWICZ, RAYMOND		CASTEEL, SCOTT	2,366,730	CREVOISIER, PHILIPPE	2,368,592
FRANK	2,367,984	CASTEEL, SCOTT C.	2,366,711	CRISFIELD, MATTHEW T.	2,366,700
BOSTON SCIENTIFIC LIMITED	2,367,351	CATANIA, ANNA	2,367,118	CROWCRAFT, JON	2,367,880
BOTTA, DANIELA	2,368,400	CAULFIELD, R.	2,367,305	CUFF, THOMAS	2,366,730
BRACHT, STEFAN	2,367,615	CEM LIMITED, LLC	2,365,242	CULLEN, THOMAS J.	2,367,050
BRAUN, MICHAEL PAUL	2,368,207	CENTRAL RESEARCH		CUMMING, JOHN GRAHAM	2,367,866
BRAUNSCHWEIG, EHRICH J.	2,368,166	LABORATORIES LIMITED	2,367,986	CUNHA, MICHAEL ANTHONY	2,369,067
BRAYTON, DWIGHT	2,367,763	CERES IPR LIMITED	2,367,056	CURTIN UNIVERSITY OF	
BRIDLE, TREVOR REDVERS	2,367,822	CESENA, ROBERT T.	2,366,868	TECHNOLOGY	2,368,045
BRIGGS & STRATTON		CHALMERS, DEREK T.	2,368,447	CYRUS, PETER	2,366,853
CORPORATION	2,368,207	CHAN, ERIC L.	2,367,905	CYTOCLONAL	
BRIGHAM AND WOMEN'S		CHAN, RAYMOND	2,368,007	PHARMACEUTICS, INC.	2,367,471
HOSPITAL	2,367,909	CHAO, QI	2,367,895	CYTOMETRICS, INC.	2,366,667
BRIGHT, DANIELLE A.	2,363,027	CHARTERHOUSE		CZUBATYJ, WOLODYMYR	2,367,365
BRISTOL-MYERS SQUIBB		THERAPEUTICS LTD.	2,366,877	D'AFRICA, ANTONINO	2,368,473
COMPANY	2,367,916	CHEETHAM, SHARON		DAHLHOFF, ELLEN	2,367,848
BRITISH		CRAWFORD	2,367,022	DAHLKE-BAUMAN, JEANNE L.	2,366,742
TELECOMMUNICATIONS		CHEN, CHIEN-KUANG	2,367,916	DAIICHI PURE CHEMICALS	
PUBLIC LIMITED		CHEN, DANIEL T.	2,368,844	CO., LTD.	2,366,663
COMPANY	2,367,110	CHEN, EUGENE Y.	2,368,012	DAIMLERCHRYSLER AG	2,367,848
BRITISH		CHEN, KEN	2,367,698	DAIMLERCHRYSLER AG	2,367,893
TELECOMMUNICATIONS		CHEN, PUDE	2,367,698	DAKSHINAMURTI,	
		CHEREPANOV, PETER	2,369,058	KRISHNAMURTI	2,368,775

## Index des demandes PCT entrant en phase nationale

DALLAS, MARK	2,367,763	ECKELS, KENNETH H.	2,368,673	FRANZ VIEGENER II GMBH & CO. KG	2,368,526
DANAHAY, HENRY LUKE	2,368,537	ECKELS, KENNETH H.	2,368,674	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,366,953
DANISCO CULTOR AMERICA, INC.	2,363,060	ECKELS, KENNETH H.	2,368,790	FREEMAN, GARY M.	2,368,021
DAVIS, HUBERT P.	2,368,039	ECOLAB INC.	2,367,719	FRETI, SILVANO	2,368,592
DAVIS, PAUL BENJAMIN	2,368,045	EDEN, RICHARD C.	2,368,260	FRICK, OSCAR L.	2,368,214
DAVIS, RALPH KENNETH	2,367,585	EDLUND, DAVID J.	2,367,839	FTL SEALS TECHNOLOGY LIMITED	2,367,771
DE CLERCQ, ERIK	2,369,058	ELDER, KEITH	2,368,127	FUJII, KEIJI	2,367,973
DEACON, DAVID A. G.	2,367,038	ELECTRO CHEMICAL ENGINEERING GMBH	2,367,509	FUJIKIN INCORPORATED	2,369,047
DEBLASIS, THOMAS	2,367,685	ELECTRON VISION CORPORATION	2,368,265	FULLER, GREGORY W.	2,368,092
DEBLASIS, THOMAS	2,368,177	ELLIS, FRAMPTON E.	2,367,633	FURUYA, SHUICHI	2,368,108
DEBYSER, ZEGER	2,369,058	ELLMAN, JONATHAN A.	2,367,112	FUSO PHARMACEUTICAL INDUSTRIES, LTD.	2,367,904
DECKNER, GEORGE	2,367,677	EL-TAHAN, HUSSEIN	2,367,690	GABRIO, BRIAN J.	2,366,947
DEDRICK, RUSSELL L.	2,367,025	EL-TAHAN, MONA	2,367,690	GAFF, DOUG	2,366,711
DEININGER, STEVEN T.	2,368,977	ENERGY CONVERSION DEVICES, INC.	2,367,365	GALLAGHER, ROBERT T.	2,367,567
DEL VAL, GREGORIO	2,368,214	ENGSTAD, ROLF E.	2,367,875	GANGLOFF, ANTHONY	2,367,895
DELANEY, EDWARD J.	2,367,916	ENOS PHARMACEUTICALS, INC.	2,367,002	GANNON, JEFFERY C.	2,368,127
DESANTIS, LOUIS JR.	2,368,242	ENTREMED, INC.	2,367,247	GARAVOY, MARVIN R.	2,367,025
DESIGN PALLETS, INC.	2,367,691	ENVIRONMENTAL SEPARATION TECHNOLOGIES PTY LTD.	2,367,305	GARCIA, RUTH A.	2,368,039
DESNE, FRANCOIS	2,368,296	ENVIRONMENTAL SOLUTIONS INTERNATIONAL LTD.	2,367,822	GARNIER, THIERRY	2,368,088
DESURMONT, GUILLAUME	2,367,154	ESMAILZADEH, RIAZ	2,367,998	GARON, MARK	2,367,377
DEVORE, DAVID D.	2,368,012	ETHICON, INC.	2,367,973	GASCOYNE, JOHN MALCOLM	2,368,258
DEWEY, CHARLES HENRY	2,367,009	EVANS, SCOTT M.	2,368,243	GAUSEPOHL, HERMANN	2,368,312
DEYAK, FRANK L.	2,367,837	EXIQON A/S	2,368,135	GAYO, LEAH-FUNG M.	2,367,895
DHALLA, NARANJAN S.	2,368,775	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,366,735	GEMFIRE CORPORATION	2,367,038
DHARIA, JAYESH	2,366,928	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,367,369	GENENCOR INTERNATIONAL, INC.	2,367,912
DHONG, ZHONGYUN	2,368,427	F. VON LANGSDORFF LICENSING LIMITED	2,363,563	GENENTECH, INC.	2,367,025
DI CINTIO, ACHILLE	2,367,994	F. VON LANGSDORFF LICENSING LIMITED	2,363,564	GENERAL MILLS, INC.	2,367,988
DI CINTIO, ACHILLE	2,368,076	FABER, C. A. M.	2,368,262	GENZYME CORPORATION	2,368,007
DI GIOVINE, FRANCESCO SAVERIO	2,367,294	FABER, KEES	2,366,999	GEO2 LIMITED	2,367,345
DIATOR NETCOM CONSULTANTS AB	2,367,335	FABRY, BERND	2,367,875	GERBER PRODUCTS COMPANY	2,368,224
DICK, STEPHEN G.	2,367,363	FACHE, ERIC	2,368,004	GERTMAR, LARS	2,367,398
DIEFFENBACHER SCHENCK PANEL GMBH	2,367,522	FAGERSTROM, RICHARD	2,367,826	GESELLSCHAFT FUR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF)	2,367,475
DIEHL, KURT	2,367,317	FAN, YOU-LING	2,368,196	GESSNER, MICHAEL	2,366,809
DIMATTEO, KRISTIAN	2,367,351	FERNANDEZ, CECILIA	2,367,213	GHORMLEY, CHRISTOPHER	2,367,763
D'INCECCO, AMEDEO FRANCO	2,368,203	FERRETTI, ILIC	2,367,086	GIENCKE, WOLFGANG	2,367,920
DINOVO, DOMINIC	2,368,103	FERRING B.V.	2,366,911	GILLENBERG, ERIC	2,368,141
DITRICH, KLAUS	2,367,897	FERRING B.V.	2,366,926	GILLIS, SCOTT H.	2,367,392
DIXET	2,367,014	FIDLER, ISAIAH J.	2,368,427	GILSMORE, PETER WAYNE	2,367,902
DIZEREGA, GERE	2,367,107	FIFE, JAMES A.	2,367,907	GIORGIO, MARCO	2,367,464
DNAVEC RESEARCH INC.	2,368,944	FIGOV, MURRAY	2,367,870	GIROUX, ANDRE	2,367,862
DNAVEC RESEARCH INC.	2,368,948	FINESTONE, ARNOLD B.	2,366,836	GLASGOW CALEDONIAN UNIVERSITY	2,368,094
DODD, GREGORY P.	2,365,254	FISCHER, WOLFGANG	2,368,312	GLAXO GROUP LIMITED	2,366,958
DOMAGALSKI, KLAUS	2,366,999	FITCH, JAMES A.	2,367,970	GODFREY, JAMES WILLIAM	2,366,958
DOMI, SHINJIRO	2,368,449	FLORENCE, KIMBERLY	2,368,068	GOLD, HARRIS	2,367,571
DORNBURSCHE, ANDREW	2,366,711	FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	2,368,151	GOLDBERG, HOWARD D.	2,366,999
DOWNEY, JOHN C., JR.	2,368,127	FLOW INTERNATIONAL CORPORATION	2,367,934	GOLDBERG, HOWARD D.	2,367,983
DRAKE, THOMAS E., JR.	2,366,590	FLUOR CORPORATION	2,367,763	GOLDSBOROUGH, ANDREW	2,368,420
DUBOIS, DORIA R.	2,368,673	FNA CONCEPTS, LLC.	2,366,676	GOLYSHIN, PETER	2,367,475
DUBOIS, DORIA R.	2,368,674	FOGEL, BARRY S.	2,367,015	GORDON, JULIAN	2,367,125
DUBOIS, DORIA R.	2,368,790	FONNUM, GEIR	2,368,019	GORDON, STEPHEN	2,368,088
DUDFIELD, PHILIP	2,367,921	FONTANILLE, DANIEL	2,368,066	GOUAILLE, CHRISTINA	2,366,899
DUFF, GORDON W.	2,367,294	FOSTER-MILLER, INC.	2,367,571	GRAHAM, RONALD J.	2,367,868
DUGAN, ANDREW J.	2,369,041	FOTEV, ZISI	2,367,457	GRANADOS, EDWARD N.	2,367,125
DUKE UNIVERSITY	2,368,156	FRANCOEUR, SEBASTIEN	2,367,862	GREEN, DANIEL PATRICK	2,368,112
DUPONT CANADA INC.	2,367,502	FRANK, TIMOTHY JOHN	2,366,863	GREEN, IAN MACDONALD	2,367,986
E.I. DU PONT DE NEMOURS AND COMPANY	2,365,954			GREEN, SHAWN J.	2,367,247
E.I. DU PONT DE NEMOURS AND COMPANY	2,367,416			GREGOIRE, NICAISE	2,366,310
EAGLE ENGINEERING OF AMERICA, INC.	2,368,114			GRIEBE, OLIVER	2,367,511
EARNSHAW, CHRISTOPHER	2,367,921			GRIESBACH, UTE	2,367,875
EBARA SOLAR, INC.	2,368,039				
EBNER, REINHARD	2,368,068				
ECKEL, THOMAS	2,368,236				

## Index of PCT Applications Entering the National Phase

GRIFFIN, WAYNE P.	2,369,052	HO, YEN SEN	2,368,965	ITO, JACKSON I.	2,367,369
GRIGORE, ELENA	2,367,578	HOFMANN, UWE	2,367,457	J.M. HUBER CORPORATION	2,368,021
GRIMM, ERICH	2,367,862	HOFMANN, UWE	2,368,461	JANSEN, ARIAN	2,368,304
GRM DISTRIBUTORS LIMITED	2,367,843	HOKE, CHARLES H.	2,368,673	JAPAN SCIENCE AND	
GRONER, WARREN	2,366,667	HOKE, CHARLES H.	2,368,674	TECHNOLOGY	
GROSSO, JOHN A.	2,367,916	HOKE, CHARLES H.	2,368,790	CORPORATION	2,368,217
GRUBER, VERONIQUE	2,368,119	HOLDERLICH, WOLFGANG	2,367,848	JAPAN SCIENCE AND	
GUAN, ZHIBIN	2,365,954	HOLLANDER, JENS	2,367,920	TECHNOLOGY	
GUILLAUME, BRUNO	2,367,276	HOLMES, STEPHEN D.	2,368,965	CORPORATION	2,368,272
GUNASEKERA, SARATH P.	2,367,138	HOLTON, ROBERT A.	2,368,151	JAPAN SCIENCE AND	
GUO, HONG	2,367,092	HONIDEN, TERUO	2,369,047	TECHNOLOGY	
GUSSOW, DETLEF	2,367,457	HORN, JEFFREY	2,367,376	CORPORATION	2,368,278
GUYOT, CHRISTOPHE	2,368,296	HORROBIN, DAVID		JAPAN SCIENCE AND	
GUYOT, THIERRY	2,366,877	FREDERICK	2,366,899	TECHNOLOGY	
HABECKER, KURT A.	2,367,907	HOTZ, PETER	2,368,207	CORPORATION	2,368,320
HAGG, CHRISTOPH M.	2,367,286	HOU, CHUNG-JEN	2,366,928	JARL, THOMAS M.	2,367,988
HAILEY, MARK ANDREW	2,366,958	HOWARD M. SHAPIRO, M.D.,		JEFFRYES, BENJAMIN PETER	2,367,018
HALL, COLIN VICTOR	2,367,961	P.C.	2,367,149	JEGLA, TIMOTHY JAMES	2,368,590
HALPERN, GERALD MARTIN	2,366,735	HUANG, DAYING	2,366,967	JIMENEZ, DESMOND RITO	2,367,775
HALSRUD, DAVID A.	2,367,719	HUANG, SHIH-WEN	2,368,105	JIMENEZ-LAGUNA, ANTONIO	2,366,661
HAMANN, DAVID L.	2,366,676	HUBBARD, BRIAN	2,368,207	JIRATUMNUKUL, NANTANA	2,368,333
HAMM, MARK A.	2,367,804	HUBERG, PETER A.	2,367,988	JOERGER, CARL	2,368,025
HAMMON, TIMOTHY E.	2,367,050	HUFFMAN, CHAD B.	2,368,043	JOHANN, GERHARD	2,366,645
HAN, YONGXIN	2,367,862	HUMAN GENOME SCIENCES		JOHANSEN, JEAN L.	2,368,224
HANISCH, FRANZ-GEORG	2,368,309	INC.	2,368,068	JOHNSON MATTHEY PUBLIC	
HANSRANI, PAWAN	2,367,995	HUMAN GENOME SCIENCES,		LIMITED COMPANY	2,368,258
HAAQUE, TASIR	2,367,112	INC.	2,366,691	JOHNSON, GREG A.	2,369,052
HARAYA, KENJI	2,367,842	HUMAN GENOME SCIENCES,		JOHNSTON, STEVEN JAMES	2,366,700
HARBOR BRANCH		INC.	2,368,916	JONES, BRADLEY A.	2,368,013
OCEANOGRAPHIC		HUMMEL, JOCHEN	2,367,320	JUNG, BIRGIT	2,368,059
INSTITUTION, INC.	2,367,138	HUNT, KENNETH WILLIAM	2,368,085	JURIC, DRAGO DRAGUTIN	2,367,157
HARDY, BRITTA	2,367,901	HURLEY, DAVID	2,368,320	K.U. LEUVEN RESEARCH &	
HARHEN, EDWARD PAUL	2,368,707	HURLEY, DAVID H.	2,368,272	DEVELOPMENT	2,369,058
HART, EDWARD F.	2,367,977	HURLEY, DAVID H.	2,368,278	KALAMARAS, PATRICIA H.	2,366,735
HASEGAWA, MAMORU	2,368,944	IANNUCCI, MAUREEN	2,366,735	KANITZ, ANDREAS	2,367,303
HASEGAWA, MAMORU	2,368,948	ICAGEN, INC.	2,368,590	KANNEFASS, RALF	2,366,842
HASHISH, MOHAMED A.	2,367,934	IDATECH LLC	2,367,839	KAO, PENELOPE	2,367,376
HASSAN, IAN FRANCIS	2,368,537	IIDA, AKIHIRO	2,368,944	KAPLAN, LEOPOLD S.	2,366,676
HAUGE, ROBERT H.	2,368,043	IIDA, AKIHIRO	2,368,948	KARKALAS, JOHN	2,368,094
HAYDEN, MICHAEL R.	2,367,955	IKEDA, NOBUKAZU	2,369,047	KARL SIMON GMBH & CO. KG	2,367,900
HAYER, PHILIPPE	2,366,310	IMMUGEN		KARO BIO AB	2,367,792
HE, XUEZHONG	2,367,698	PHARMACEUTICALS, INC.	2,367,262	KASER, MATTHEW R.	2,368,833
HEAL, DAVID JOHN	2,367,022	INCYTE GENOMICS, INC.	2,368,833	KASPER, DENNIS L.	2,366,895
HEATON, KEITH PATRICK	2,368,085	INNIS, BRUCE L.	2,368,673	KAWADA, KOUJI	2,369,047
HEDGES, THOMAS M.	2,366,711	INNIS, BRUCE L.	2,368,674	KAWAHARA, KATSUMI	2,368,171
HEDGES, THOMAS M.	2,366,720	INNIS, BRUCE L.	2,368,790	KCI MEDICAL LIMITED	2,368,085
HEDGES, THOMAS M.	2,366,730	INOUE, KATSUNORI	2,368,327	KEITH, CHRISTOPHER	2,367,069
HEIDER, KARL-HEINZ	2,368,539	INPUT/OUTPUT, INC.	2,366,999	KEITH, KEVIN	2,362,897
HELFRICH, ANDY D.	2,367,905	INPUT/OUTPUT, INC.	2,367,983	KELLY, LAWRENCE J.	2,366,676
HEMBERGER, JURGEN	2,367,457	INPUT/OUTPUT, INC.	2,368,127	KEMP, MAURICE CLARENCE	2,369,067
HEMOSOL INC.	2,366,833	INPUT/OUTPUT, INC.	2,368,262	KENNEDY, THOMAS J., III	2,367,381
HENNIGES, FRIEDERIKE	2,367,355	INSTITUT PASTEUR	2,368,088	KERN, RALF	2,367,579
HENSCHEL, WALTER	2,367,522	INTEDYNE L.L.C.	2,368,175	KILGOWAN LIMITED	2,366,899
HERDT, BRANDON L.	2,367,719	INTERDIGITAL TECHNOLOGY		KIM, BEONG-JO	2,368,027
HERMS, JAMES K.	2,365,254	CORPORATION	2,367,353	KIM, MIN-GOO	2,368,027
HEYMAN, JOHN A.	2,367,723	INTERDIGITAL TECHNOLOGY		KIMBERLY CLARK	
HICKS, R. EDWIN	2,367,571	CORPORATION	2,367,363	WORLDWIDE, INC	2,368,181
HILL, SHELDON	2,368,957	INTERDIGITAL TECHNOLOGY		KING, DAVID MICHAEL	2,368,070
HIMMELSBACH, FRANK	2,368,059	CORPORATION	2,367,572	KLADE, CHRISTOPH ST.	2,368,539
HINES, ROBERT	2,367,658	INTERLEUKIN GENETICS, INC.	2,367,294	KLERSY, PATRICK J.	2,367,365
HINO, KOICHI	2,366,663	INTERNATIONAL BUSINESS		KLESHINSKI, STEPHEN J.	2,368,158
HINTERMANN, MARTIN	2,368,046	MACHINES		KLETZLI, DAVID W.	2,369,052
HIRAI, TOURU	2,369,047	CORPORATION	2,367,300	KLINKE, STEFANO,	
HIRAO, KEIJI	2,369,047	INVITROGEN CORPORATION	2,367,723	AMBROSIUS	2,367,579
HIRATA, TAKAHIRO	2,368,944	IORIO, THEODORE L.	2,368,367	KLOSIN, JERZY	2,368,010
HIRATA, TAKAHIRO	2,368,948	IP, MATTHEW	2,366,999	KLOSIN, JERZY	2,368,111
HIROOKA, YUICHI	2,367,845	ISOLA LAMINATE SYSTEMS		KNOLL PHARMACEUTICAL	
HIRSCH, NICHOLAS ROBERT	2,368,207	CORP.	2,368,013	COMPANY	2,367,022
HISTATEK, LLC	2,367,048	ISOTIS N.V.	2,366,931		
HITTIN, ZEEV HALEVI	2,368,144	ISOTOPE SOLUTIONS, INC.	2,366,938		

## Index des demandes PCT entrant en phase nationale

KNOLL PHARMACEUTICAL COMPANY	2,367,045	LENTSCH GRAF, SANDRINE	2,366,869	MATSUDA, OSAMU	2,368,272
KNOLL PHARMACEUTICAL COMPANY	2,367,268	LEONDIRES, ARTHUR P.	2,367,562	MATSUDA, OSAMU	2,368,278
KNOLL, KONRAD	2,368,312	LEVCHIK, SERGEI V.	2,363,027	MATSUDA, OSAMU	2,368,320
KNOWLES, IAN WILLIAM	2,368,139	LEVY, OFER	2,367,943	MATSUNAGA, TOSHIYUKI	2,368,171
KNYPHAUSEN, IKO	2,367,320	LEWIS, DAVID E.	2,369,067	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,367,421
KOAIZAWA, HISASHI	2,368,327	LI, HAI-OU	2,368,944	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,368,171
KOCH, JURGEN	2,368,312	LI, HAI-OU	2,368,948	MATTHAEI, GEORGE L.	2,368,260
KOEHLER, KONRAD F.	2,367,792	LI, ZHIMING	2,367,698	MAXWELL, PETER	2,366,999
KOHLER, MARCO	2,367,509	LIAO, JAMES K.	2,367,002	MAXWELL, PETER	2,368,127
KOHLRUSS, GREGOR	2,367,511	LIBNER, HERVE	2,368,044	MAY, DAVID	2,366,967
KOJIMA, RIE	2,368,171	LIEVRE, ANDRE	2,368,296	MAYER, ALEJANDRO M. S.	2,367,138
KOMAI, KOICHIRO	2,367,468	LIGHTSCAPE NETWORKS LTD.	2,366,413	MAYRHOFFER, GERHARD	2,368,050
KOMATSOU LIS, GEORGE	2,366,691	LINDELL, STEPHEN	2,367,921	MCCARTHY, JOHN RICHARD	2,366,700
KOMATSOU LIS, GEORGE	2,368,068	LINDER, MARKUS	2,367,826	MCCLURG, GARY ROBERT	2,367,300
KOMATSOU LIS, GEORGE	2,368,916	LINDHARD, DORTE	2,367,775	MCCOY, RANDY JAY	2,367,775
KOMEHANA, KATUNORI	2,369,047	LINDQUIST, TIMOTHY J.	2,368,511	MCDYSAN, DAVID E.	2,369,041
KONIG, HERBERT	2,367,900	LINXWEILER, WINFRIED	2,368,461	MCGARIAN, BRUCE	2,367,009
KONSTANTIN, PETER	2,366,928	LIPTON, JAMES	2,367,118	MCGERVEY, DONALD	2,367,990
KORNHAUS, LELAND M.	2,367,905	LIU, AMY DEMING	2,367,912	MCI WORLDCOM, INC.	2,369,038
KOSTYLEV, SERGEY	2,367,365	LIU, LITIAN	2,367,698	MCI WORLDCOM, INC.	2,369,041
KOVEAL, RUSSELL JOHN JR.	2,367,369	LIU, RONG (RON)	2,367,995	MCINTOSH, GREG ANGUS	2,366,833
KOWALCZYK, TONY C.	2,367,038	LIU, XING-PING	2,367,861	MCKAY, DANIEL	2,367,862
KRAMER, SUSAN M.	2,367,025	LIU, XIUMEI	2,367,698	MCKIE, JEFFREY	2,367,895
KRAYNACK, ERICA A.	2,368,122	LIU, ZHEWEN	2,367,698	MCLEAN HOSPITAL CORPORATION	2,366,865
KRECKEL, KARL W.	2,367,837	LOCKHEED MARTIN CORPORATION	2,366,590	MCMAHON, MICHAEL GEORGE	2,368,127
KROHN, ROY C.	2,368,372	LOF, PER-ANDERS	2,367,398	MCQUARRIE, W. GRAY	2,368,013
KRONZER, FRANCIS J.	2,368,181	LOMETILLO, JOSEPHINE	2,366,661	MEARS, ROBERT JOSEPH	2,365,958
KROPF, CHRISTIAN	2,367,875	LONCAR, FRANCIS V., JR.	2,367,837	MEDICURE INC.	2,368,775
KRUGER, ULRIKE	2,367,509	LONNROTH, MAGNUS M.	2,368,089	MEIER, DANIEL L.	2,368,039
KRUPER, WILLIAM J., JR.	2,368,111	LORENCAK, PRIMOZ	2,367,317	MEISNER, LORRAINE F.	2,366,996
KRUPER, WILLIAM J., JR.	2,368,112	LOVRENCIC, ALOJZ	2,367,170	MELDER, JOHANN-PETER	2,367,897
KUBO, ISAO	2,367,421	LOW, WILLIAM R.	2,367,347	MENDEL, CARL M.	2,367,022
KUESTER, WILHELM	2,367,837	LOWREY, TYLER	2,367,365	MENDEL, CARL M.	2,367,045
KUHN, HARALD	2,368,380	LOZANO, ROSA M.	2,368,214	MENDEL, CARL M.	2,367,268
KULA, MARIA-REGINA	2,367,826	LTS LOHMANN THERAPIE-SYSTEME AG	2,366,859	MENDUM, THOMAS H. E.	2,367,571
KUMA, HIDEKAZU	2,368,944	LTS LOHMANN THERAPIE-SYSTEME AG	2,367,615	MENZAGHI, FREDERIQUE	2,368,447
KUMA, HIDEKAZU	2,368,948	LU, RICHARD	2,367,835	MERCK FROSST CANADA & CO.	2,367,862
KUMAR, SRIDHAR	2,367,416	LU, WEIXIN	2,368,427	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,367,457
KUMLIN, KJELL ERIK	2,368,139	LUNDBERG, ERIC J.	2,366,720	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,368,461
KUNTZ, IRWIN D.	2,367,112	LUPTON, ELMER C.	2,367,571	MERISTEM THERAPEUTICS	2,368,119
KURZ, GUIDO	2,367,900	LUSTER, ANDREW D.	2,367,173	MESECHER, DAVID K.	2,367,572
KURZE, PETER	2,367,509	LYNCH, GARY	2,367,112	MESSINGER, BELINDA JANE	2,367,775
LABLAINE, BRUNO	2,367,276	LYNCH, THOMAS J.	2,368,021	METAULLICS SYSTEMS CO., L.P.	2,367,546
LACKRITZ, HILARY S.	2,367,038	MADOFF, PETER B.	2,367,069	METZ, THOMAS	2,368,059
LADNER, WOLFGANG	2,367,897	MAEKAWA, TAKA AKI	2,367,911	MEYERS, BRENDA JEAN	2,368,224
LAFLEUR, DAVID W.	2,368,068	MAGNA SEATING SYSTEMS INC.	2,368,074	MIASNIK, GUY	2,368,081
LAL, PREETI	2,368,833	MAGOVERN, JAMES A.	2,369,052	MICHELIN RECHERCHE ET TECHNIQUE S.A.	2,368,002
LALUM, ROBERT BLAINE	2,369,067	MAHLAB, URI	2,366,413	MICHELIN RECHERCHE ET TECHNIQUE S.A.	2,368,003
LALUM	2,368,127	MAHR, NORBERT	2,367,317	MICRO MOTION, INC.	2,366,700
LAMBERT, DALE J.	2,368,142	MAIEFSKI, ROMAINE	2,366,494	MIDHA, KAMAL K.	2,366,791
LANDAU, SERGIO	2,367,464	MAIER, THOMAS	2,366,645	MIDHA, KAMAL K.	2,368,367
LANFRANCONE, LUISA	2,366,931	MALINGE, JEAN	2,367,154	MIDWESTERN UNIVERSITY	2,367,138
LANGER, ROBERT	2,368,059	MALLARACH CAPDEVILA, JUAN	2,366,777	MIGLIACCIO, ENRICA	2,367,464
LANGKOPF, ELKE	2,366,999	MANKER, DENISE CAROL	2,367,775	MIHAIL, ADRIAN	2,368,015
LAROO, RICHARD	2,368,008	MANO, HIROSHI	2,367,842	MILGRAM, MAURICE	2,367,014
LAUTENS, FRANCOIS	2,369,052	MAO, CHEN	2,367,857		
LAWHITE, ERIC	2,368,175	MARCIL, ROBERT	2,367,723		
LE, TUONG T.	2,368,025	MARIGGIS, ATHANASE	2,367,578		
LEARY, KEVIN	2,366,761	MARINELLI, LUIGI	2,368,203		
LEAS, ALAIN	2,367,579	MARRONE, PAMELA GAIL	2,367,775		
LECKSCHAT, DIETER	2,367,112	MARSH, JAMES L.	2,366,999		
LEE, CHRISTINA E.	2,367,868	MARSH, JAMES L.	2,367,983		
LEE, LINDA G.	2,367,577	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2,366,931		
LEE, RORY G.	2,367,038	MATANO, TAKAHIRO	2,368,310		
LEE, YEONG-CHENG	2,367,775				
LEHMAN, LORI JO	2,367,888				
LEKO, VLADIMIR	2,366,999				
LEMKE, AL					

## Index of PCT Applications Entering the National Phase

MINAMI, YUKIO	2,369,047	NOWACK, TIMOTHY	2,366,967	PIASECKI AIRCRAFT	
MIRABEL, BERNARD	2,368,296	NUFFER, SEBASTIEN	2,366,777	CORPORATION	2,363,090
MIROU, CHRISTIAN	2,368,296	NYSVEEN, ARNE	2,367,398	PIASECKI, FRANK N.	2,363,090
MIURA, SATORU	2,367,845	OCTAVE COMMUNICATIONS,		PIHLER, JOZE	2,367,170
MODY, SEEMA K.	2,368,475	INC.	2,367,562	PIMSTONE, SIMON N.	2,367,955
MONTGOMERY, DONALD D.	2,367,925	ODAHARA, SHOKO	2,366,663	PINKEL, DANIEL	2,368,109
MOOR, MARC L.	2,367,668	ODORFER, THOMAS	2,368,050	PINTAR, KEVIN M.	2,367,061
MOOR, MARC L.	2,367,685	OGILVIE, MORGAN O., JR.	2,367,691	PITTA, THOMAS A.	2,368,011
MOOR, MARC L.	2,368,177	OHISHI, MASATOSHI	2,367,145	PLUYMERS, WIM	2,369,058
MOORE, PAUL A.	2,368,068	OHMI, TADAHIRO	2,369,047	POINTER, ROBIN L.	2,367,819
MOOSHEIMER, ULRICH	2,366,953	OHMORI, JUNYA	2,367,504	POLK, HENRY THOMAS	2,368,127
MORAN, EDMUND	2,366,494	OHNO, KAZUSHIGE	2,367,504	POLNIASZEK, RICHARD P.	2,367,916
MORDUE, GEORGE S.	2,367,546	OHTSUKA, TOMOKAZU	2,367,504	POMPONI, SHIRLEY A.	2,367,138
MORGAN, DAVID	2,366,999	OKUMOTO, ITSUO	2,368,146	PORTER, KEL VIN	2,369,038
MORIGGI, ERMANNO	2,368,400	O'LEARY, STEPHEN H.	2,368,955	POSCHKE, OLIVER	2,368,461
MORIMOTO, AKIHIRO	2,369,047	OLINGER, PHILIP M.	2,363,060	POUCHELON, ALAIN	2,368,296
MORNINGSTAR DIAGNOSTICS,		OLOUMI-SADEGHI, HASSAN	2,367,984	POWDER DESIGN PTY. LTD.	2,367,945
INC.	2,369,067	OLSEN, HENRIK S.	2,368,068	POZNANSKY, MARK C.	2,367,173
MOR-RESEARCH		OLVEY, MICHAEL W.	2,367,691	PRADILLA, LORENZO	2,368,400
APPLICATIONS LTD.	2,367,901	O'MALLEY, WILLIAM	2,367,562	PRASAD, YANDAPALLI DURGA	
MORRIS, WILLIAM F.	2,368,209	OMSTEAD, MARY NALLIN	2,367,002		2,364,173
MOSES, MARSHA	2,367,213	ONDERDONK, ANDREW B.	2,366,895	PRASIT, PETPIBOON	2,367,862
MOSKOWITZ, MICHAEL A.	2,367,002	ONO PHARMACEUTICAL CO.,		PRATT, TIMOTHY	2,366,730
MOTOROLA INC.	2,368,092	LTD.	2,368,146	PRESTON, JAY B.	2,366,868
MOTOTANI, YUJI	2,367,421	ONTOGEN CORPORATION	2,366,494	PREUSS, DAPHNE	2,362,897
MU, JING-HONG	2,367,471	ORACLE CORPORATION	2,368,089	PRIMEX HOLDINGS LLC	2,367,069
MUELLER, BRUNO	2,367,837	ORDER, STANLEY E.	2,366,938	PROVITOLA, ANTHONY I.	2,367,090
MULLER, STEFAN	2,368,309	ORRI, KEN	2,367,973	PROWELL, CHRISTINA D.	2,368,021
MULTI-VET LTD.	2,367,377	ORJALA, JIMMY ENSIO	2,367,775	PRYTZ, SVEN	2,367,083
MURPHY, STEPHEN	2,367,945	OSRAM OPTO		PUTNAK, JOSEPH R.	2,368,673
NADEAU, RICHARD G.	2,366,667	SEMICONDUCTORS GMBH		PUTNAK, JOSEPH R.	2,368,674
NAEGELE, PAUL	2,368,312	& CO. OHG	2,367,303	PUTNAK, JOSEPH R.	2,368,790
NAKAE, YOSHINORI	2,368,268	OUTLAW, DWAYNE E.	2,368,021	QIAO, GREG GUANGHUA	2,367,157
NAKAGAKI, SHIGEKI	2,368,449	OVSHINSKY, STANFORD R.	2,367,365	QIN, XIAO CHUAN	2,368,043
NAKAJIMA, SUSUMU	2,368,268	OYAMA, NAOTO	2,368,327	QLOGIC CORPORATION	2,367,892
NAKAMURA, MITSUHIRO	2,366,663	PADUANO, GUIDO	2,368,473	QUALCOMM INCORPORATED	2,368,011
NAKAMURA, NOBUYUKI	2,368,146	PALL CORPORATION	2,366,928	QUANTUM COMPOSITES, INC.	2,367,350
NAKANISHI, KAZUO	2,366,663	PALMER, JAMES T.	2,368,148	RAGAN, GLEN	2,368,127
NAKARI-SETALA, TIINA	2,367,826	PALMGREN, GARY M.	2,366,868	RAGLAND, FRANK ROWLAND	
NARA, YOSHI	2,368,108	PAN, QINGHAI	2,367,995	JR.	2,368,306
NARLA, RAMA K.	2,367,857	PANT, BHARAT B.	2,368,707	RAJENDRAN,	
NARLA, RAMA K.	2,367,861	PAPADAKI, MARIA	2,366,931	GOVINDARAJULU	2,367,416
NATIONAL INSTITUTE OF		PAPATHANASSIU, ADONIA E.	2,367,247	RALPH, THOMAS ROBERTSON	2,368,258
ADVANCED INDUSTRIAL		PARKER HUGHES INSTITUTE	2,367,857	RAMBO, KEN	2,369,038
SCIENCE AND		PARKER HUGHES INSTITUTE	2,367,861	RAMEY, MILTON E.	2,368,782
TECHNOLOGY	2,367,842	PARKER HUGHES INSTITUTE	2,368,009	RANBAXY LABORATORIES	
NATUS, GUNTER	2,367,522	PARKER, MICHAEL CHARLES	2,365,958	LIMITED	2,366,617
NAZZAL, GREGORY RICHARD	2,366,863	PARTIN, PHILIP EDWARD	2,367,300	RANCE, IANN	2,368,119
NESBITT, R. DENNIS	2,367,381	PARVIA CORPORATION	2,366,853	RAULINE, ROLAND	2,368,002
NESTLI, TOM FAGERNES	2,367,398	PASHMAKOV, BOIL	2,367,365	RAULINE, ROLAND	2,368,003
NEW LIFE SCIENCE		PASOCS, LLC	2,367,977	RAVENSROFT, ADRIAN	2,367,351
PRODUCTS, INC.	2,368,190	PATNODE, GREGG A.	2,368,511	REAGAN, PAUL D.	2,368,782
NI, JIAN	2,368,068	PATTERSON, JOHN W.	2,368,122	RECKITT BENCKISER FRANCE	2,367,276
NICKIAS, PETER N.	2,368,010	PATTON, JASSON T.	2,368,111	REEDER, STEPHEN MICHAEL	2,367,110
NICKIAS, PETER N.	2,368,111	PE CORPORATION (NY)	2,367,868	REGAN, MICHAEL JOHN	2,363,060
NIEMI, VALTTERI	2,368,530	PELICCI, PIER GIUSEPPE	2,367,464	REGENERATION	
NIPPON ELECTRIC GLASS CO.,		PELLACINI, FRANCO	2,368,400	TECHNOLOGIES, INC.	2,367,376
LTD.	2,368,310	PENDLETON, EDMUND S.	2,366,711	REGNIER, DIANE L.	2,367,837
NIPPON SHEET GLASS CO.,		PENDLETON, EDMUND S.	2,366,720	REID, IAN REGINALD	2,367,882
LTD.	2,368,449	PENTTILA, MERJA	2,367,826	REMKE, MATTHEW S.	2,366,742
NIPPON STEEL CORPORATION	2,367,842	PENTY, RICHARD VINCENT	2,367,828	RENSNER, PAUL ERICH	2,367,984
NIRANJAN, KANESA-THASAN	2,368,674	PEREZ, JAIME	2,368,592	RESEARCH INSTITUTE OF	
NMB (USA) INC.	2,368,304	PERKINS, COLIN	2,367,880	INNOVATIVE	
NMT MEDICAL, INC.	2,368,158	PERRIN-JANET, GILLES	2,368,758	TECHNOLOGY FOR THE	
NOKIA NETWORKS OY	2,368,530	PHARMAQUEST LTD.	2,366,791	EARTH	2,367,842
NOURI, DANA W.	2,368,844	PHARMAQUEST LTD.	2,368,367	REVEO, INC.	2,368,209
NOVARTIS AG	2,368,537	PHELAN, DOROTHY	2,367,723	REX, GARY CHARLES	2,368,299
NOVOGRODSKY, ABRAHAM	2,367,901	PHILLIPS PETROLEUM		RHODIA CHIMIE	2,368,296
NOVOZYMES A/S	2,367,999	COMPANY	2,367,347	RHODIA POLYAMIDE	
NOVOZYMES BIOTECH, INC.	2,362,913	PHOTOCHEMICAL CO., LTD.	2,368,268	INTERMEDIATES	2,368,004

## Index des demandes PCT entrant en phase nationale

RICE, KEN	2,367,895	SCHNEIDER, MARTIN	2,367,848	SMITH INTERNATIONAL, INC.	2,367,009
RICHARDS, MARC F.	2,367,677	SCHULMAN, JOSEPH H.	2,368,271	SMITH, KEN, A.	2,368,043
RICHERSON, SHAUN	2,368,008	SCHUMACHER, HENNING	2,368,284	SMITH, KENNETH L.	2,368,777
RIESLE, JENS UWE	2,366,931	SCHURING, INGO	2,367,308	SMITH, R. DUANE	2,367,976
RINNE, RAY	2,366,999	SCHWANITZ, DIETER	2,367,355	SMITH, RODNEY ELLIOTT	2,367,961
ROBBINS, W. DALE	2,368,782	SCHWINGHAMMER, KURT		SMITH, STEVE	2,367,771
ROBERTS, STANLEY MICHAEL	2,366,877	ALLEN	2,367,984	SMITHKLINE BEECHAM	
ROCHE, STEVEN L.	2,368,127	SCIMED LIFE SYSTEMS, INC.	2,367,804	BIOLOGICALS S.A.	2,367,607
RODGERS, KATHLEEN	2,367,107	SCIULLI, FELICE M.	2,367,934	SMITHKLINE BEECHAM	
RODRIGUEZ, FERNAND	2,367,850	SEATON, TIMOTHY B.	2,367,022	CORPORATION	2,368,965
ROMAGNANO, STEFANO	2,368,400	SEATON, TIMOTHY B.	2,367,045	SMITHKLINE BEECHAM PLC	2,368,965
ROMERO, STEPHEN	2,367,763	SEATON, TIMOTHY B.	2,367,268	SOBEL, MICHAEL J.	2,366,711
RON, EYAL S.	2,367,002	SEED-TECH TEMED LTD	2,368,144	SOCIETE DES PRODUITS	
ROSEN, CRAIG A.	2,368,068	SELBER, KLAUS	2,367,826	NESTLE S.A.	2,366,661
ROSEN, CRAIG A.	2,368,916	SEL VAKUMAR, ARJUN	2,366,999	SOCIETE DES PRODUITS	
ROSEN, GRAIG A.	2,366,691	SEL VAKUMAR, ARJUN	2,367,983	NESTLE S.A.	2,366,761
ROSENBLUM, BARNETT B.	2,367,868	SEN, HIMADRI	2,366,617	SOLCA, FLAVIO	2,368,059
ROSINGER, CHRISTOPHER	2,367,920	SENNETT, SUSAN H.	2,367,138	SOLOMON, DAVID HENRY	2,367,157
ROSINGER, CHRISTOPHER	2,367,921	SERHAN, CHARLES N.	2,367,909	SOLVAY PHARMACEUTICALS	
ROSS, MATTHEW	2,368,265	SETHI, RAJAT	2,368,775	GMBH	2,367,355
ROSSI, MAURO	2,367,690	SETTI, EDUARDO L.	2,368,148	SOMANI, JITENDRA KRISHAN	2,366,617
ROTH, KEVIN AARON	2,368,190	SHANTZ, BARRY STANLEY	2,367,677	SOMAVARAPU,	
RUBEN, STEVEN M.	2,366,691	SHAPIRO, HOWARD M.	2,367,149	SATYANARAYANA	2,366,908
RUBEN, STEVEN M.	2,368,068	SHAPIRO, RICHARD N.	2,367,865	SOMMERGRUBER, WOLFGANG	
RUBEN, STEVEN M.	2,368,916	SHAW, RAYMOND WALTER	2,367,157		2,368,539
RUBIN, LESLIE S.	2,367,571	SHEARER, GENE M.	2,367,132	SONERA SMARTTRUST OY.	2,368,054
RUDMANN, MARTIN A.	2,367,355	SHELL INTERNATIONALE		SORM, MICHAL	2,367,840
RUELLO, SERGE	2,367,276	RESEARCH		SPALDING SPORTS	
RUSHEFSKY, LARRY	2,366,999	MAATSCHAPPIJ B.V.	2,366,863	WORLDWIDE, INC.	2,367,381
RUSSELL, DAVID JOSEPH	2,366,958	SHELL INTERNATIONALE		SPARTAN CHEMICAL	
RUSSELL, JOHN C.	2,367,125	RESEARCH		COMPANY, INC	2,367,940
RUTHERFORD, DENISE R.	2,368,511	MAATSCHAPPIJ B.V.	2,367,867	SPERANDEO, VICTOR A.	2,367,058
RYDZEWSKI, ROBERT M.	2,368,148	SHI, YANGGU	2,368,068	SPERANDEO, VICTOR A.	2,367,914
S.A. LIBNER	2,368,044	SHIN, SUNG-HYUK	2,367,353	SPRINGFORM TECHNOLOGY	
S.J. ELECTRO SYSTEMS, INC.	2,367,577	SHIN, SUNG-HYUK	2,367,363	LIMITED	2,367,871
SABERSKI, LLOYD R.	2,367,392	SHINOHARA, MARI	2,367,999	SPURGEON, SANDRA L.	2,367,868
SACHARSKI, LAWRENCE	2,366,809	SHIOZAWA, SHUNICHI	2,367,468	STAB, GABRIELE	2,367,848
SAFER, ANTON	2,367,022	SHOJI, YASUHIKO	2,367,421	STAB, GABRIELE	2,367,893
SAINI, RAJESH KUMAR	2,368,043	SHU, TSUGUMINE	2,368,944	STALLINGS, MICHAEL RYAN	2,368,070
SAKAGUCHI, KOICHI	2,368,449	SHU, TSUGUMINE	2,368,948	STALNAKER, W. MARC	2,366,999
SAKAMOTO, AKIHIKO	2,368,310	SIDHU, RAJINDER S.	2,367,471	STALNAKER, W. MARC	2,367,983
SAKATA, ISAO	2,368,268	SIEGEL, AVIV	2,368,081	STAMOS, DEAN	2,367,017
SALAMI, JALAL	2,368,039	SIEMENS		STANGE, ANDREAS	2,367,317
SALDANA, ROLANDO A.	2,368,011	AKTIENGESELLSCHAFT	2,366,842	STARCO, KAREN	2,367,025
SAMSUNG ELECTRONICS CO.,		SIEMENS		STEGALL, JILL	2,368,782
LTD.	2,368,027	AKTIENGESELLSCHAFT	2,367,308	STEIN, BERND	2,367,895
SANDER, SUNTJE	2,367,355	SIEMENS		STEIN, RENE	2,368,380
SANTEFORT, KEN	2,368,025	AKTIENGESELLSCHAFT	2,367,578	STEINBORN, CLAUD	2,367,355
SANTORO, MARIA GABRIELLA	2,366,877	SIEMENS		STEINLEIN, ROLAND	2,367,511
SARTORI, MASSIMO	2,368,473	AKTIENGESELLSCHAFT	2,367,579	STEWART, DAVID H.	2,367,731
SASKATCHEWAN RESEARCH		SIEMENS		STEWART, ROBERT T.	2,368,124
COUNCIL	2,368,957	AKTIENGESELLSCHAFT	2,368,380	STIMSON, MICHAEL J.	2,368,156
SAUK, JOHN J.	2,367,256	SIEMENS ENERGY &		STOCKHAUSEN, JOHN M.	2,367,050
SAUNDERS, JEFFREY	2,367,017	AUTOMATION, INC.	2,368,782	STODDART, DEAN	2,368,573
SCADDEN, DAVID T.	2,367,173	SIGMA SYSTEMS		STOELTIE, RONALD	
SCALLION, DAVID	2,367,945	CORPORATION	2,368,124	GERARDUS ANTONIUS	2,366,672
SCEATS, MARK	2,367,047	SIGMAR, AXEL	2,366,999	STOLL, ANDREW L.	2,366,865
SCHAEFER, MARK DONALD	2,368,207	SIGNAL PHARMACEUTICALS,		STONE, KIRBY L.	2,367,054
SCHALITZ, WILLIAM JOHN	2,367,940	INC.	2,367,895	STONECRAFT, LLC	2,367,798
SCHIEDT, EDWARD M.	2,368,307	SIGNALSOFT CORP.	2,367,970	STORA KOPPARBERGS	
SCHELLENBERGER, VOLKER	2,367,912	SIMON, JOHN D.	2,368,156	BERGSLAGS AB	2,368,139
SCHEUBLE, BERNHARD	2,367,457	SINGH, AMBARISH	2,367,916	STOSSEL, MATTHIAS	2,367,303
SCHLEI, DIETMER	2,368,511	SKILLMAN, A. GEOFFREY	2,367,112	STRAH-PLYNET, SONJA	2,368,447
SCHLUMBERGER CANADA		SKOLNICK, JEFFREY F.	2,366,720	STRITTMATTER, WOLFGANG	2,367,457
LIMITED	2,367,018	SKRYPYSKI-MANTELE, STEFAN	2,367,822	STROUPE, STEPHEN D.	2,367,125
SCHMITZ, MICHAEL	2,363,563	SKYLLAS-KAZACOS, MARIA	2,367,286	SU, KAI C.	2,367,835
SCHMITZ, MICHAEL	2,363,564	SLAGTER, JOHN THOMAS	2,367,798	SUBSITS, DIANE	2,366,967
SCHNABEL, GERHARD	2,366,645	SLATER, ROCK	2,366,730	SUGANUMA, KATSUAKI	2,368,449
SCHNEIDER, HEINRICH		SMALL, PARKER	2,368,105	SUGIYAMA, ATSUSHI	2,367,904
(deceased)	2,367,364	SMALLEY, RICHARD E.	2,368,043	SUGIZAKI, RYUICHI	2,368,327

## Index of PCT Applications Entering the National Phase

SULATISKY, MICHAEL	2,368,957	THE GOVERNMENT OF THE	TRAN, HENRY	2,367,892
SULLIVAN, DAVID A.	2,367,643	UNITED STATES OF	TRANSURGICAL, INC.	2,368,707
SULLIVAN, MICHAEL J.	2,367,381	AMERICA, AS	TRAVIS, CRAIG R.	2,367,262
SUMITOMO ELECTRIC		REPRESENTED BY THE SE	TREACY, MICHAEL FRANK	2,367,984
INDUSTRIES, LTD.	2,367,842	CRETARY, DEPARTMENT	TROVA, MICHAEL P.	2,367,354
SUPERCONDUCTOR		OF HEALTH AND HUMAN	TRUDEAU, MARTIN	2,367,017
TECHNOLOGIES, INC.	2,368,260	SERVICES	TSAI, TSEPIN	2,368,209
SUZUKI, NOBUHIRO	2,368,108	THE MAIMAN COMPANY	TSELESIN, NAUM N.	2,366,868
SVENSSON, JOHAN	2,368,089	THE MEAD CORPORATION	TSUKUBA BIOSYSTEM, LTD.	2,367,911
SVENSSON, ROLAND	2,368,089	THE MEAD CORPORATION	TUBOTA, KENJI	2,369,047
SWANSEY, JOHN DAVID	2,367,300	THE MEAD CORPORATION	TUCKER, STEPHEN CRAIG	2,368,070
SYKES, SIMON	2,367,771	THE PAMPERED CHEF, LTD.	TUER, KEVIN	2,367,690
SYNCHRONEURON, LLC	2,367,015	THE PROCTER & GAMBLE	TYCO ELECTRONICS	
SZOZDOWSKI, PAUL	2,367,990	COMPANY	CORPORATION	2,368,070
TACHIKI, AKIRA	2,367,842	THE PROCTER & GAMBLE	TYCO ELECTRONICS	
TACKE, MARKUS	2,366,842	COMPANY	LOGISTICS AG	2,368,141
TAKAHASHI, KATSUMI	2,367,973	THE PROCTER & GAMBLE	TZANNES, MARCOS C.	2,369,110
TAKAHASHI, YOKO	2,366,663	COMPANY	TZIANABOS, ARTHUR O.	2,366,895
TAKEDA CHEMICAL		THE PROCTER & GAMBLE	UCKUN, FATIH M.	2,367,857
INDUSTRIES, LTD.	2,368,108	COMPANY	UCKUN, FATIH M.	2,367,861
TAKEDA, KIYOSHI	2,368,217	THE REGENTS OF THE	UCKUN, FATIH M.	2,368,009
TAKEUCHI, HIROKAZU	2,368,310	UNIVERSITY OF	UEDA, YASUJI	2,368,944
TAKEUCHI, OSAMU	2,368,217	CALIFORNIA	UEDA, YASUJI	2,368,948
TALC DE LUZENAC	2,367,850	THE REGENTS OF THE	UNIFINE INDUSTRY B.V.	2,366,672
TAME, OMAR D.	2,368,074	UNIVERSITY OF	UNION CARBIDE CHEMICALS	
TAN, ZHIMIN	2,367,698	CALIFORNIA	& PLASTICS	
TANG, Y. TOM	2,368,833	THE REGENTS OF THE	TECHNOLOGY	
TANIGUCHI, YURIKO	2,366,663	UNIVERSITY OF	CORPORATION	2,368,196
TAPPERT, JANN MICHAEL	2,367,902	CALIFORNIA	UNION CARBIDE CHEMICALS	
TARASCONI, GIANLUCA	2,368,153	THE SCHEPENS EYE	& PLASTICS	
TAYEBATI, PARVIZ	2,368,107	RESEARCH INSTITUTE,	TECHNOLOGY	
TAYLOR, ALEXANDER H.	2,368,965	INC.	CORPORATION	2,368,299
TECHNOLOGY RESOURCE		THE SECRETARY OF STATE	UNISEARCH LIMITED	2,367,286
INTERNATIONAL		FOR DEFENCE	UNIVERSITY COLLEGE	
CORPORATION	2,367,835	THE SECRETARY OF STATE	LONDON	2,367,880
TECSEC, INCORPORATED	2,368,307	FOR DEFENCE	UNIVERSITY OF BRISTOL	2,367,828
TEICHER, MARTIN	2,366,791	THE SIEMON COMPANY	UNIVERSITY OF BRITISH	
TELEFONAKTIEBOLAGET LM		THE UNIVERSITY COURT OF	COLUMBIA	2,367,955
ERICSSON	2,367,553	THE UNIVERSITY OF	UNIVERSITY OF FLORIDA	2,368,105
TELEFONAKTIEBOLAGET LM		ABERDEEN	UNIVERSITY OF MARYLAND,	
ERICSSON	2,367,998	THE UNIVERSITY OF CHICAGO	BALTIMORE	2,367,256
TELEFONAKTIEBOLAGET LM		THE UNIVERSITY OF	UNIVERSITY OF SOUTHERN	
ERICSSON	2,368,057	MANITOBA	CALIFORNIA	2,367,107
TELLABS OPERATIONS, INC.	2,367,905	THE UNIVERSITY OF	UNOVA I.P. CORP.	2,367,054
TENG, BOON KEONG	2,367,335	MELBOURNE	URBAN, PETER	2,367,848
TERADA, JUN	2,368,327	THE UNIVERSITY OF SYDNEY	URBAN, PETER	2,367,893
TESTER, RICHARD FRANK	2,368,094	THEISEN, MANFRED	VAKHSHOORI, DARYOOSH	2,368,107
TEVEROVSKY, JUSTYNA B.	2,367,571	THIES TECHNOLOGY	VALENCE TECHNOLOGY, INC.	2,367,338
TEXAR SOFTWARE CORP.	2,368,000	THIES, CURT	VALTION TEKNILLINEN	
TEXAR SOFTWARE CORP.	2,368,078	THILLY, JACQUES	TUTKIMUSKESKUS	2,367,826
THACKSTON, JAMES D.	2,368,114	THOE, GERALD A.	VAN BLITTERSWIJK, CLEMENS	
THE BRIGHAM AND WOMEN'S		THOMAS, JAMES EDWARD	ANTONI	2,366,931
HOSPITAL, INC.	2,366,895	THOMSON LICENSING S.A.	VAN DE MARK, MICHAEL R.	2,368,333
THE CURATORS OF THE		THOTTATHIL, JOHN K.	VAN LENGERICH, BERNHARD	2,367,988
UNIVERSITY OF		THURWACHTER, FELIX	VANDECASSERIE, CHRISTIAN	2,367,607
MISSOURI	2,368,333	TIAN, ZONG-QIANG	VANGELISTI, MANUEL	2,368,758
THE DOW CHEMICAL		TIMMERS, FRANCIS J.	VATANEN, HARRI	2,368,054
COMPANY	2,368,010	TIMMIS, KENNETH NIGEL	VAUGHN, DAVID	2,368,790
THE DOW CHEMICAL		TJERNELD, FOLKE	VAUGHN, DAVID W.	2,368,673
COMPANY	2,368,012	TODD, DONALD	VEGLIO, PAOLO	2,367,994
THE DOW CHEMICAL		TOKIMOTO, TOYOTARO	VEGLIO, PAOLO	2,368,076
COMPANY	2,368,111	TOKITOU, FUMINO	VEGLIO, PAOLO	2,368,203
THE DOW CHEMICAL		TOKUSUMI, TSUYOSHI	VELASQUEZ, DAVID J.	2,366,947
COMPANY	2,368,112	TOLSON, SCOTT A.	VENKATRAMAN, SHANKAR	2,368,148
THE FURUKAWA ELECTRIC		TONER, MICHAEL	VERSPROUMY, PIERRE	2,368,758
CO., LTD.	2,368,327	TOOLS PRESS S.R.L.	VERTEX PHARMACEUTICALS	
THE GENERAL HOSPITAL		TORTOSA, FLORENCE	INCORPORATED	2,367,017
CORPORATION	2,367,173	TOTH, GABOR	VIAG INTERKOM GMBH & CO.	2,368,050
THE GILLETTE COMPANY	2,366,687	TRADOS GMBH	VIALEN, JUKKA	2,368,530

## Index des demandes PCT entrant en phase nationale

VIEGENER, WALTER	2,368,526	WRIGHT, OLIVER B.	2,368,272
VIKLUND, MARK	2,368,573	WRIGHT, OLIVER B.	2,368,278
VITO, ROBERT A.	2,368,128	WU, INMIN	2,367,213
VOLKL, JOHANNES	2,368,380	WU, JINCHANG	2,367,792
VON GYNZ-REKOWSKI, GUNTHER	2,368,175	WU, XIAOSONG	2,366,928
W.H. LEARY CO., INC.	2,368,025	WUNSCH, JOSEF	2,368,312
WADDINGTON, DANIEL GILES	2,367,982	WURTZ, JOCHEN	2,366,645
WAGER, GARRICK T.	2,367,970	WYANT, JON R.	2,367,668
WAID, FREY	2,366,711	XENON GENETICS INC.	2,367,955
WALLER, CAROL	2,369,038	XENTEX TECHNOLOGIES, INC.	2,366,770
WALTER REED ARMY INSTITUTE OF RESEARCH	2,368,673	XIE, WENZHANG	2,367,698
WALTER REED ARMY INSTITUTE OF RESEARCH	2,368,674	XIE, ZHONG WEI	2,369,067
WALTER REED ARMY INSTITUTE OF RESEARCH	2,368,790	XOMA TECHNOLOGY LTD.	2,367,943
WALTERS, DERON A.	2,368,043	XU, FENG	2,362,913
WANG, DAN-XIONG	2,368,148	XU, JUNXUAN	2,367,698
WANG, JIA	2,367,698	YAKIMOV, MICHAIL	2,367,475
WANG, JUNKUAN	2,366,761	YAKOBSON, BORIS I.	2,368,043
WANG, XUEBAO	2,367,916	YAMADA, NOBORU	2,368,171
WANG, YING	2,366,895	YAMAMOTO, KENJI	2,367,421
WARD, THOMAS	2,368,103	YAMAMOTO, MITSUAKI	2,366,663
WARNER-LAMBERT COMPANY	2,368,475	YAMANOUCHI PHARMACEUTICAL CO., LTD.	2,367,504
WASHINGTON UNIVERSITY	2,368,113	YANG, YUJING	2,366,928
WATSFELDT, ROBERT	2,368,139	YAO, GEORGE	2,369,038
WEATHERFORD/LAMB, INC.	2,367,559	YAO, JAME	2,367,347
WEBGIRO AB	2,367,083	YAO, YU	2,369,067
WEINSTEIN, JAMES N.	2,367,988	YASUDA, HAJIME	2,367,154
WEINSTEIN, STEVE P.	2,367,022	YATSUGI, SHIN-ICHI	2,367,504
WEINSTEIN, STEVE P.	2,367,045	YEE, BOIHON C.	2,368,214
WEINSTEIN, STEVE P.	2,367,268	YEHEZKELY, HERTZEL	2,366,413
WELCH, JASON J.	2,367,940	YOSHINO GYPSUM CO., LTD.	2,367,845
WELLINGTON, SUN	2,368,674	YOUNG, PAUL E.	2,368,068
WELLS, ROGER	2,366,720	YU, DULI	2,366,999
WELNA, WALTON W.	2,367,869	YU, DULI	2,367,983
WELSCH, GERHARD	2,367,990	YU, LIANZHONG	2,366,999
WENGEL, JESPER	2,368,135	YU, SIYUAN	2,367,828
WESLAKE-HILL, IAN	2,367,056	YUE, HENRY	2,368,833
WESTBERG, DAVID	2,368,057	ZAMBON GROUP S.P.A.	2,368,400
WESTBERG, LARS	2,367,553	ZAMBONI, ROBERT	2,367,862
WHATLEY, PAUL M.	2,367,691	ZEIRA, ARIELA	2,367,353
WHITE, IAN	2,367,828	ZEIRA, ARIELA	2,367,363
WHITLACH, STEPHEN	2,368,103	ZENGEN INC.	2,367,118
WHITWORTH, IAN JAMES	2,367,871	ZHAI, SHUMIN	2,367,300
WHYMAN, ANDREW DAVID	2,367,502	ZHANG, SHU	2,369,067
WHYTE, MORIA	2,367,294	ZHOU, YUXIANG	2,367,698
WIATROWSKI, DARRELL ALBERT	2,368,207	ZHU, XIAOSHANG	2,367,698
WICKER, GUY C.	2,367,365	ZHU, ZHAOHAI	2,367,857
WIESNER, HUBERT	2,367,511	ZIETLOW, PHILIP K.	2,367,988
WILLEMSEN, BALAM A.	2,368,260	ZINDEL, JURGEN	2,367,920
WILLIAM MARSH RICE UNIVERSITY	2,368,043	ZOBEL, MICHAEL	2,368,236
WILLIAMSON, ETHEL DIANE	2,366,613	ZOU, JIAN-PING	2,367,132
WILLIAMSON, ETHEL DIANE	2,366,908	ZUCCON, JOHN	2,367,345
WILLIAMSON, WARREN P., IV	2,368,103		
WILLMS, LOTHAR	2,367,920		
WILSON, DAVID	2,368,127		
WILSON, PAUL J.	2,367,559		
WIRONEN, JOHN F.	2,367,376		
WITTMANN, DIETER	2,368,236		
WOLF, ANDREA	2,368,461		
WOLF, LUTZ	2,367,522		
WONG, JOSHUA H.	2,368,214		
WONG, WENDY	2,369,038		
WORTHEN, WILLIAM J.	2,368,243		
WRIGHT, OLIVER	2,368,320		

## **Index of PCT Applications Entering the National Phase**

## Index of Canadian Divisional and Previously Unavailable Laid-Open applications

## Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

ASADA, HIROSHI	2,367,059	HUNTER DOUGLAS INC.	2,366,402
BASF AKTIENGESELLSCHAFT	2,367,876	KABUSHIKI KAISHA TOSHIBA	2,367,059
BELEC, ERIC A.	2,367,823	KEPLER, MICHAEL A.	2,367,228
BELEC, ERIC A.	2,367,834	KUEKENHOEHNER, THOMAS	2,367,876
BELEC, ERIC A.	2,367,852	LEE, JAMES S., JR.	2,367,823
BELEC, ERIC A.	2,368,035	LEE, JAMES S., JR.	2,367,834
BELEC, ERIC A.	2,368,036	LEE, JAMES S., JR.	2,367,852
BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,367,823	LEE, JAMES S., JR.	2,368,035
BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,367,834	LEE, JAMES S., JR.	2,368,036
BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,367,852	LEHMANN, MARTIN	2,367,877
BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,368,035	MARTIN, DAVID A.	2,367,864
BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY	2,368,036	MCNEIL, JAMES B.	2,367,341
BENOIT, REMY	2,367,876	METRO ONE TELECOMMUNICATIONS, INC.	2,367,228
BRISTOL-MYERS SQUIBB COMPANY	2,367,024	NOLL, HARRY C., JR.	2,367,823
BRISTOL-MYERS SQUIBB COMPANY	2,367,124	NOLL, HARRY C., JR.	2,367,834
CEDERHOLM-WILLIAMS, STEWART ANTHONY	2,367,024	NOLL, HARRY C., JR.	2,367,852
CEDERHOLM-WILLIAMS, STEWART ANTHONY	2,367,124	NOLL, HARRY C., JR.	2,368,035
COLE, LEE A.	2,366,402	NOLL, HARRY C., JR.	2,368,036
COLSON, WENDELL B.	2,366,402	NYFFENEGGER, DAVID P.	2,367,823
COX, PATRICK M.	2,367,228	NYFFENEGGER, DAVID P.	2,367,834
FALLOS, GEORGE	2,367,823	NYFFENEGGER, DAVID P.	2,367,852
FALLOS, GEORGE	2,367,834	NYFFENEGGER, DAVID P.	2,368,035
FALLOS, GEORGE	2,367,852	NYFFENEGGER, DAVID P.	2,368,036
FALLOS, GEORGE	2,368,035	ORSINGER, WINSTON A.	2,367,823
FALLOS, GEORGE	2,368,036	ORSINGER, WINSTON A.	2,367,834
FILLIGER, PAUL W.	2,367,228	ORSINGER, WINSTON A.	2,367,852
FLETCHER, GARTH L.	2,367,129	ORSINGER, WINSTON A.	2,368,035
FUNATO, YASUO	2,367,059	ORSINGER, WINSTON A.	2,368,036
GRAMMENOS, WASSILIOS	2,367,876	POWELL, ADRIAN P.	2,367,228
HAWKES, RICHARD B.	2,367,823	SAUTER, HUBERT	2,367,876
HAWKES, RICHARD B.	2,367,834	SEABRIGHT CORPORATION LIMITED	2,367,129
HAWKES, RICHARD B.	2,367,852	SMART TECHNOLOGIES INC.	2,367,864
HAWKES, RICHARD B.	2,368,035	THRONE, JASON T.	2,366,402
HAWKES, RICHARD B.	2,368,036	UNIVERSITY HEALTH NETWORK	2,367,341
HAWKES, RICHARD B.	2,368,036	WEISFOGH, ULLA	2,367,024
HEPP, MICHAEL	2,367,876	WEIS-FOGH, ULLA	2,367,124
HEW, CHOY L.	2,367,129	WINEGARDEN, NEIL A.	2,367,341
HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP	2,367,129	WINGERT, HORST	2,367,876
		WOLF, BERND	2,367,876