

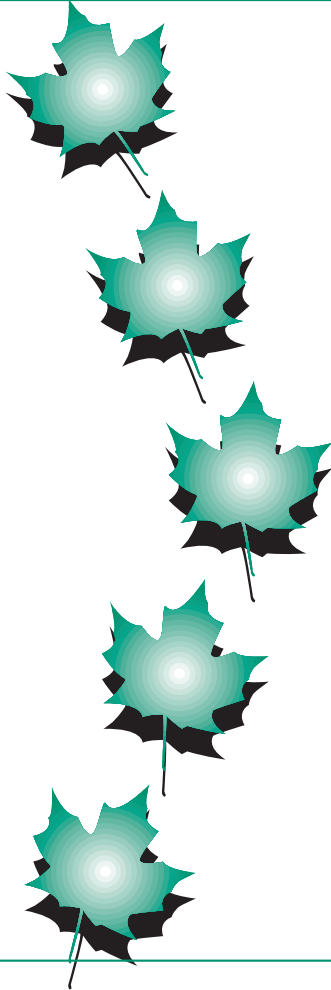


**Canadian  
Intellectual Property  
Office**

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. 128, No. 39 September 26, 2000

Vol. 128, N° 39 le 26 septembre 2000

**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) 997-2985 (from 8:00 a.m. to 4:45 p.m. EST.)

Fax: (819) 997-7771 (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) 997-2985 (de 8h à 16h45 HNE)

Télécopieur : (819) 997-7771 (fonctionne 24 heures sur 24)

# Table of Contents

## Table des matières

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	9
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public .....	33
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	63
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	87
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	91
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public .....	97
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	103
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 .....	107

## Notices

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

#### Dates

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

#### Code Numerals

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

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

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

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

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

## 2. Country Codes

A complete list of country codes has been published in the April 25, 2000 issue of the Canadian Patent Office Record and will be published twice a year in the last issues of April and October.

## 3. Canadian Class Titles

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

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

## 4. Class Schedules and Definitions

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

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

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

### A) Paper Copies

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

## 2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 25 avril 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

## 3. Liste des classes canadiennes

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

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

## 4. Listes et définitions des classes

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

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

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

### A) Copies sur papier

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

## Notices

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

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

E-mail: tic@micromedia.on.ca

### B) Microform Copies

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

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

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

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

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

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

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

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de dix dollars (10 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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

Courriel: tic@micromedia.on.ca

### B) Copies en microforme

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

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

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

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

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

La somme de dix dollars (10\$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

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

## Avis

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

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

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

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

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

### 7. Advice on Making a Patent Application

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

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

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

### 8. Licensing of Patents

#### Voluntary Licences

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

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

#### Licences librement accordées

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

#### Compulsory Licences

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

#### Licences obligatoires

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

### 9. Patents Available for Licence or Sale

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

### 9. Brevets disponibles pour licence ou vente

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

## Notices

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

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

2,176,644  
2,176,648  
2,233,047

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,154,550 which issued on September 26, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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

### 13. Language of Published Documents

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

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

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

2,176,644  
2,176,648  
2,233,047

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 26 septembre 1983 sont maintenant expirés, jusque et y compris le no. 1,154,550. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

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

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

### 13. Langue du document publié

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



## Avis

### 14. Patent Cooperation Treaty (PCT)

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

#### SCHEDULE OF FEES APPLICABLE AS OF JUNE 01, 2000

#### BARÈME DE TAXES À PARTIR DU 1 JUIN 2000

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

**4. International Search Fee** 1,353.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

#### Preliminary Examination

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

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

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.

\* International fees will be reduced by \$194.00 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> (Règle 15.2(a)) Montant pour chaque feuille au delà de 30	630,00 15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a)) Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 8 pays sont désignés, la taxe demeure 1 088,00 \$.	136,00

**4. Taxe de recherche internationale** 1 353,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

#### Examen préliminaire

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

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

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

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

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

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

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

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

### 15. Avis PCT

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

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

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

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

## Avis

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

The Patent Office Record of September 26, 2000 contains laid-open applications from September 3, 2000 - September 9, 2000 .

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

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 3 septembre 2000 - 9 septembre 2000.

# Canadian Patents Issued

September 26, 2000

## Brevets canadiens délivrés

26 septembre 2000

---

[11] **1,341,100**  
[13] C

[52] 195-1.22 150-8.5 167-139 195-1.235  
195-1.29

[51] **Int.Cl. 6C12N 15/37 6C12Q 1/70  
6C12Q 1/68**

[25] EN

[54] **DETERMINED DNA SEQUENCES  
DERIVED FROM A PAPILLOMAVIRUS  
GENOME, THEIR USES FOR IN VITRO  
DISGNOSTIC PURPOSES AND THE  
PRODUCTION OF ANTIGENIC  
COMPOSITIONS**

[54] **SEQUENCES DETERMINEES  
D'ADN DERIVEES DU GENOME DU  
VIRUS DE PAPILLOME, LEURS  
UTILISATIONS A DES FINS  
DIAGNOSTIQUE IN VITRO ET LA  
PRODUCTION DE COMPOSITIONS  
ANTIGENIQUES**

[72] Cole, Stewart, FR

[72] Streeck, Rolf E., FR

[73] INSTITUT PASTEUR, FR

[21] **532,925**

[22] 1987-03-25

---

[11] **1,341,101**  
[13] C

[52] 195-1.22 195-1.38

[51] **Int.Cl. 6C12N 9/80 6C12N 15/09  
6C12N 1/20 6C12N 5/10**

[25] EN

[54] **RECOMBINANT C-TERMINAL a -  
AMIDATING ENZYME**

[54] **ENZYME RECOMBINANTE a -  
AMIDANTE A C-TERMINAL**

[72] Ohsuye, Kazuhiro, JP

[72] Kitano, Katsuhiko, JP

[72] Tanaka, Shoji, JP

[72] Matsuo, Hisayuki, JP

[72] Mizuno, Kensaku, JP

[73] SUNTORY LIMITED, JP

[73] Matsuo, Hisayuki, JP

[21] **572,291**

[22] 1988-07-18

[30] JP (62-177184) 1987-07-17

[30] JP (62-306867) 1987-12-05

---

[11] **1,341,102**  
[13] C

[52] 530-17.02 167-139 167-209 260-237.2

[51] **Int.Cl. 6C07D 257/02 6C07F 5/00**

**6C07K 17/02 6A61K 39/44 6A61K 49/00**

[25] EN

[54] **TETRA-AZA MACROCYCLES AND  
METAL COMPLEXES THEREOF**

[54] **MACROCYCLES TETRA-AZA ET  
COMPLEXES METALLIQUES LES  
CONTENANT**

[72] Parker, David, GB

[72] Millican, Thomas Andrew, GB

[73] CELLTECH THERAPEUTICS  
LIMITED, GB

[21] **574,630**

[22] 1988-08-12

[30] GB (8719042) 1987-08-12

---

[11] **1,341,103**  
[13] C

[52] 400-4511 18-953 400-4603

[51] **Int.Cl. 6D04H 1/58**

[25] EN

[54] **MOLDABLE FIBROUS MAT**

[54] **MAT FIBREUX MOULABLE**

[72] Bainbridge, David William, US

[72] Tocci, Mario Peter, US

[73] MANVILLE CORPORATION, US

[21] **600,249**

[22] 1989-05-19

[30] US (07/204,843) 1988-06-10

---

[11] **2,002,709**  
[13] C

[51] **Int.Cl. 5B67D 1/00**

[25] EN

[54] **A METHOD AND AN APPARATUS  
FOR MAKING A BEVERAGE, SUCH AS  
COFFEE, SOUP, TEA, COCOA OR THE  
LIKE**

[54] **UNE METHODE ET DISPOSITIF  
POUR PREPARER UNE BOISSON, SOIT  
DU CAFE, DU THE, DU BOUILLON, DU  
CACAO, OU LEUR ANALOGUE**

[72] van Hattem, Jan Cornelis, NL

[72] von Thoor, Bernardus Maria, NL

[72] Weiland, Jan Adolf Ernst Sperna, NL

[73] Sara Lee/DE N.V., NL

[22] 1989-11-10

[30] NL (8802789) 1988-11-14

---

[11] **2,005,444**  
[13] C

[51] **Int.Cl. 5C03B 23/023 5C03B 27/044  
5C09B 29/08**

[25] FR

[54] **PROCEDE ET DISPOSITIF**

**D'OBTENTION DE VITRAGES**

**AUTOMOBILES BOMBES TREMPES**

[54] **APPARATUS AND PROCESS FOR  
THE PRODUCTION OF AUTOMOTIVE  
TEMPERED CONVEX GLASS**

[72] Vanachen, Luc, BE

[72] Kuster, Hans-Werner, DE

[72] Havenith, Hubert, DE

[72] D'Iribarne, Benoit, DE

[73] Saint-Gobain Vitrage International, FR

[22] 1989-12-13

[30] DE (P 3841989.0) 1988-12-14

---

Canadian Patents Issued  
September 26, 2000

[11] 2,005,472  
[13] C

[51] **Int.Cl. 5B01D 27/00**  
[25] EN  
[54] **AN OIL FILTER FOR INTERNAL COMBUSTION ENGINES**  
[54] **FILTRE A HUILE POUR MOTEURS A COMBUSTION INTERNE**  
[72] Trabold, Hermann, DE  
[73] Trabold, Hermann, DE  
[22] 1989-12-14  
[30] DE (P38 42 017.1) 1988-12-14

[11] 2,005,865  
[13] C

[51] **Int.Cl. 5B05D 1/18 5B05D 3/10 5B05D 7/14**  
[25] EN  
[54] **TWO-STAGE METHOD FOR OPERATING AUTODEPOSITION BATH**  
[54] **PROCEDE EN DEUX ETAPES POUR L'UTILISATION D'UN BAIN AVEC AUTODEPOT**  
[72] Broadbent, Ronald W., US  
[73] HENKEL CORPORATION, US  
[22] 1989-12-18  
[30] US (07/287,197) 1988-12-20

[11] 2,006,193  
[13] C

[51] **Int.Cl. 5C03C 25/00**  
[25] FR  
[54] **PROCEDE D'OBTENTION D'UN PANNEAU SURFACE A BASE DE FIBRES MINERALES**  
[54] **METHOD AND APPARATUS FOR PRODUCING MINERAL WOOL PANELS**  
[72] Brossy, Pierre, FR  
[73] ISOVER SAINT-GOBAIN, FR  
[22] 1989-12-20  
[30] FR (88 16895) 1988-12-21

[11] 2,007,300  
[13] C

[51] **Int.Cl. 5G01N 22/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING THE MOISTURE CONTENT OF A MATERIAL**  
[54] **METHODE POUR DETERMINER LA TENEUR EN HUMIDITE D'UN MATERIAU, ET APPAREIL CONNEXE**  
[72] Jakkula, Pekka, FI  
[72] Tahkola, Esko, FI  
[73] NELES FIELD CONTROLS OY, FI  
[22] 1990-01-08  
[30] FI (890201) 1989-01-13

[11] 2,007,467  
[13] C

[51] **Int.Cl. 5B65B 53/06**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO FILM PACKAGING**  
[54] **DANS LE DOMAINE DE L'EMBALLAGE SOUS FILM**  
[72] Brembilla, Sandro, IT  
[73] CRYOVAC, INC., US  
[22] 1990-01-10  
[30] GB (8906713.6) 1989-03-23

[11] 2,008,322  
[13] C

[51] **Int.Cl. 5A61F 13/02**  
[25] EN  
[54] **VENTED ABSORBENT DRESSING**  
[54] **PANSEMENT ABSORBANT AERE**  
[72] Gilman, Thomas, US  
[73] Kendall Company (The), US  
[22] 1990-01-23  
[30] US (337,591) 1989-04-13

[11] 2,008,421  
[13] C

[51] **Int.Cl. 5D01D 5/26**  
[25] EN  
[54] **FIBER, ROVINGS AND MATS FROM LYOTROPIC LIQUID CRYSTALLINE POLYMERS**  
[54] **FIBRES, MECHES ET NATTES OBTENUES A PARTIR DE CRISTAUX LIQUIDES, LYOTROPES, POLYMERIQUE**  
[72] Allen, Steven R., US  
[72] Mian, Aziz A., US  
[72] Samuels, Sam L., US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[22] 1990-01-24  
[30] US (304,461) 1989-02-01

[11] 2,009,348  
[13] C

[51] **Int.Cl. 5F24J 2/00**  
[25] EN  
[54] **BUILDINGS**  
[54] **BATIMENTS**  
[72] Ridett, Alan Hilton, GB  
[73] ENVIROTECH INVESTMENTS LIMITED, IE  
[22] 1990-02-05  
[30] GB (89.02662.9) 1989-02-07

[11] 2,012,272  
[13] C

[51] **Int.Cl. 5C03B 23/03 5C03B 27/044 5C03B 29/08**  
[25] FR  
[54] **PROCEDE POUR BOMBER DES FEUILLES DE VERRE**  
[54] **PROCESS FOR ROUNDING GLASS SHEETS**  
[72] Kuster, Hans-Werner, DE  
[72] Prömper, Hans-Josef, DE  
[72] Vanaschen, Luc, BE  
[73] Saint-Gobain Vitrage International, FR  
[22] 1990-03-15  
[30] DE (P 39 08 644.5) 1989-03-16

[11] 2,012,766  
[13] C

[51] **Int.Cl. 5C08F 236/20 5C08F 220/10**  
[25] EN  
[54] **METHOD OF MAKING HYDROPHOBIC COPOLYMERS HYDROPHILIC**  
[54] **METHODE POUR RENDRE HYDROPHILES DES COPOLYMERES HYDROPHOBES**  
[72] Park, William R.R., US  
[72] Ziemelis, Maris J., US  
[73] Advanced Polymer Systems, Inc., US  
[22] 1990-03-22  
[30] US (334,501) 1989-04-07

**Brevets canadiens délivrés  
26 septembre 2000**

---

[11] **2,014,017**  
[13] C

[51] **Int.Cl. 5C08G 59/02 5C08L 63/00 5C25D 13/06 5C09D 5/24**  
[25] EN  
[54] **CATIONICALLY ELECTRODEPOSITABLE RESIN COMPOSITION**  
[54] **COMPOSE DE RESINE POUR ELECTRODEPOSITION CATIONIQUE**  
[72] Tominaga, Akira, JP  
[72] Nishida, Reiziro, JP  
[73] KANSAI PAINT CO., LTD., JP  
[22] 1990-04-06  
[30] JP (86,933/89) 1989-04-07

---

[11] **2,015,872**  
[13] C

[51] **Int.Cl. 5H02J 3/00**  
[25] FR  
[54] **DISPOSITIF POUR LA SURVEILLANCE D'UN SIGNAL ELECTRIQUE VARIABLE ET COMPOSANT POUR UN TEL DISPOSITIF**  
[54] **DEVICE FOR MONITORING A VARIABLE ELECTRICAL SIGNAL AND COMPONENT FOR SUCH A DEVICE**  
[72] Delibes, Didier René Bernard, FR  
[72] Colleu, Rachel André Alain, FR  
[72] Bissey, Bernard Laurent Yves, FR  
[73] Société Anonyme dite : Aérospatiale Société Nationale, FR  
[22] 1990-05-01  
[30] FR (89 05817) 1989-05-02

---

[11] **2,018,224**  
[13] C

[51] **Int.Cl. 5B65D 75/18 5B65D 65/28**  
[25] EN  
[54] **SOFT PACK, ESPECIALLY PAPER TISSUE PACK**  
[54] **CONDITIONNEMENT SOUPLE EN PARTICULIER DE MOUCHOIRS EN PAPIER**  
[72] Focke, Heinz, DE  
[72] Wach, Jürgen, DE  
[73] Focke & Co. (G.m.b.H. & Co.), DE  
[22] 1990-06-04  
[30] DE (P 39 18 325.4) 1989-06-05

---

[11] **2,018,461**  
[13] C

[51] **Int.Cl. 6C07K 14/00 6A61K 38/16**  
[25] EN  
[54] **NOVEL POLYPEPTIDES AND THEIR USE**  
[54] **POLYPEPTIDES ET LEUR UTILISATION**  
[72] Boman, Hans G., SE  
[72] JöRNVALL, Hans, SE  
[72] Lee, Jong-Youn, SE  
[72] Mutt, Viktor, SE  
[73] Skandigen AB, SE  
[73] Kabigen AB, SE  
[22] 1990-06-07  
[30] SE (8902186-9) 1989-06-16

---

[11] **2,018,529**  
[13] C

[51] **Int.Cl. 5H04N 5/44**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CORRECTING TIMING ERRORS FOR A MULTI-PICTURE DISPLAY**  
[54] **METHODE ET DISPOSITIF DE CORRECTION DES ERREURS DE SYNCHRONISATION DANS UN AFFICHAGE A IMAGES MULTIPLES**  
[72] Willis, Donald Henry, US  
[72] Canfield, Barth Alan, US  
[73] THOMSON CONSUMER ELECTRONICS, INC., US  
[22] 1990-06-07  
[30] US (375,113) 1989-07-03

---

[11] **2,019,556**  
[13] C

[51] **Int.Cl. 5C08F 226/06 5C08F 220/02**  
[25] EN  
[54] **PRECIPITATION POLYMERIZATION OF TERPOLYMERS OF A VINYL LACTAM A POLYMERIZABLE CARBOXYLIC ACID AND A HYDROPHOBIC MONOMER IN AN ALIPHATIC HYDROCARBON SOLVENT**  
[54] **POLYMERISATION PAR PRECIPITATION DE TERPOLYMERES D'UN LACTAME VINYLIQUE, D'UN ACIDE CARBOXYLIQUE POLYMERISABLE ET D'UN MONOMERE HYDROPHOBE DANS UN SOLVANT A BASE D'HYDROCARBURE ALIPHATIQUE**  
[72] Login, Robert B., US  
[72] Smith, Terry E., US  
[72] Shih, Jenn S., US  
[73] Gaf Chemicals Corporation, US  
[22] 1990-06-21  
[30] US (373,012) 1989-06-26

---

[11] **2,020,066**  
[13] C

[51] **Int.Cl. 5A01G 9/10**  
[25] FR  
[54] **ELEMENT DE CULTURE HORS-SOL**  
[54] **SOILLESS CULTIVATION ELEMENT**  
[72] Kafka, Bernard, FR  
[73] ISOVER SAINT-GOBAIN, FR  
[22] 1990-06-28  
[30] FR (89 08866) 1989-07-03

---

[11] **2,020,514**  
[13] C

[51] **Int.Cl. 5E03D 11/00 5A01D 57/30**  
[25] EN  
[54] **RETRACTABLE GUARD FOR SEWAGE PIPES**  
[54] **GARDE RETRACTABLE POUR TUYAUX D'EGOUT**  
[72] Pino, Wilton J., US  
[73] Pino, Wilton J., US  
[22] 1990-07-05  
[30] US (07/376,291) 1989-07-06  
[30] US (4,932,080) 1990-06-12

---

[11] **2,021,094**  
[13] C

[51] **Int.Cl. 5H04N 5/57**  
[25] EN  
[54] **DYNAMIC VIDEO SYSTEM INCLUDING AUTOMATIC CONTRAST AND WHITE-STRETCH PROCESSING SECTIONS**  
[54] **SYSTEME VIDEO DYNAMIQUE A SECTIONS DE REGLAGE AUTOMATIQUE DU CONTRASTE ET DU NIVEAU DU BLANC**  
[72] Lagoni, William Adamson, US  
[73] THOMSON CONSUMER ELECTRONICS, INC., US  
[22] 1990-07-12  
[30] US (398,845) 1989-08-25

Canadian Patents Issued  
September 26, 2000

---

[11] **2,021,656**  
[13] C  
[51] **Int.Cl. 5C07D 339/04 5C23F 11/12 5C23F 11/16**  
[25] EN  
[54] **WATER SOLUBLE 1,2-DITHIO-3-THIONES**  
[54] **1,2-DITHIO-3-THIONES SOLUBLES DANS L'EAU**  
[72] Oude Alink, Bernardus A., US  
[73] BAKER HUGHES INCORPORATED, US  
[22] 1990-07-20  
[30] US (399,738) 1989-08-28

---

[11] **2,021,817**  
[13] C  
[51] **Int.Cl. 5A47C 17/04**  
[25] EN  
[54] **UPHOLSTERED ARTICLE OF FURNITURE WITH INTERCHANGEABLE SEATING MODULE**  
[54] **MOBILIER MODULAIRE REMBOURRE AVEC FAUTEUIL INTERCHANGEABLE**  
[72] Mork, William J., US  
[73] Mork, William J., US  
[22] 1990-07-24  
[30] US (384,169) 1989-07-24

---

[11] **2,022,654**  
[13] C  
[51] **Int.Cl. 5A61K 7/02**  
[25] EN  
[54] **SKIN WHITENING COSMETICS**  
[54] **COSMETIQUE POUR BLANCHIR LA PEAU**  
[72] Shimizu, Mitsuaki, JP  
[72] Hashimoto, Akira, JP  
[72] Ando, Hideya, JP  
[72] Ozasa, Yoshitsugu, JP  
[72] Kato, Hisatoyo, JP  
[73] SUNSTAR KABUSHIKI KAISHA, JP  
[22] 1990-08-03

---

[11] **2,023,112**  
[13] C  
[51] **Int.Cl. 5G03C 1/695 5G03C 1/72**  
[25] EN  
[54] **LIGHT- AND HEAT-SENSITIVE RECORDING MATERIAL**  
[54] **MATERIAU D'ENREGISTREMENT SENSIBLE A LA LUMIERE ET A LA CHALEUR**  
[72] Yamaguchi, Jun, JP  
[72] Washizu, Shintaro, JP  
[72] Matsumoto, Hirota, JP  
[72] Fukushige, Yuuichi, JP  
[72] Iwakura, Ken, JP  
[73] Fuji Photo Film Co., Ltd., JP  
[22] 1990-08-10  
[30] JP (01-209318) 1989-08-11  
[30] JP (01-224930) 1989-08-31  
[30] JP (01-298144) 1989-11-16  
[30] JP (02-19710) 1990-01-30

---

[11] **2,024,562**  
[13] C  
[51] **Int.Cl. 5C12N 15/53 5C12N 9/08 5C12N 5/16 5C12N 1/21**  
[25] EN  
[54] **CHO CELLS TRANSFORMED WITH A RECOMBINANT PLASMID EXPRESSING HUMAN THYROID PEROXIDASE AND PREPARATION THEREOF**  
[54] **CELLULE CHO TRANSFORMEE AVEC UN PLASMIDE RECOMBINANT EXPRIMANT DE LA PEROXYDASE THYROIDIENNE HUMAINE ET METHODE DE PREPARATION**  
[72] Yamashita, Shinya, JP  
[72] Kabeno, Shouko, JP  
[72] Hata, Junichiro, JP  
[72] Kato, Hideo, JP  
[72] Yagihashi, Satoru, JP  
[72] Matsumoto, Ken, JP  
[73] Nippon Suisan Kaisha, Ltd., JP  
[73] Nissui Pharmaceutical Co. Ltd., JP  
[22] 1990-09-04  
[30] JP (1-228334) 1989-09-05  
[30] JP (2-118770) 1990-05-10

---

[11] **2,024,572**  
[13] C  
[51] **Int.Cl. 5C07D 403/04 5C07D 239/42 5A61K 31/505**  
[25] EN  
[54] **N-SUBSTITUTED-4-PYRIMIDINAMINES AND-PYRIMIDINEDIAMINES, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **4-PYRIMIDINAMINES ET PYRIMIDINEDIAMINES SUBSTITUEES EN N, PROCEDE DEPREPARATION ET UTILISATION COMME MEDICAMENTS**  
[72] Effland, Richard Charles, US  
[72] Klein, Joseph Thomas, US  
[72] Davis, Larry, US  
[72] Olsen, Gordon Edward, US  
[73] HOECHST MARION ROUSSEL, INC., US  
[22] 1990-09-04  
[30] US (402,415) 1989-09-05

---

[11] **2,027,157**  
[13] C  
[51] **Int.Cl. 5G06F 9/40 5G06F 9/44**  
[25] EN  
[54] **COMPUTER USER INTERFACE**  
[54] **INTERFACE UTILISATEUR POUR ORDINATEUR**  
[72] Wolf, Richard J., US  
[72] Fossgreen, Donald J., US  
[72] Rosen, Robert, US  
[72] Vento, Christopher M., US  
[72] Wells-Papanek, Doris, US  
[73] LOTUS DEVELOPMENT CORPORATION, US  
[22] 1990-10-09  
[30] US (436,517) 1989-11-13

---

[11] **2,033,177**  
[13] C  
[51] **Int.Cl. 5E01B 29/17**  
[25] FR  
[54] **PROCEDE POUR LE SOUDAGE EN CONTINU DE TRONCONS DE RAIL, ET RAME EQUIPEE POUR SA MISE EN OEUVRE**  
[54] **CONTINUOUS RAIL SECTION WELDING PROCESS, AND MOBILE WELDING APPARATUS USED THEREFOR**  
[72] Valditerra, Sergio, IT  
[73] Harsco Corporation, US  
[85] 1991-01-23  
[86] 1990-05-08 (PCT/EP90/00819)  
[87] (WO90/14470)  
[30] IT (67386-A/89) 1989-05-23

**Brevets canadiens délivrés  
26 septembre 2000**

---

[11] **2,033,619**  
[13] C

[51] **Int.Cl. 5A61F 13/46 5A61F 13/02**  
[25] EN  
[54] **NOVEL ABSORBENT PAD FOR WOUND DRESSING**  
[54] **NOUVELLE COMPRESSE ABSORBANTE POUR PANSEMENT**  
[72] Gilman, Thomas H., US  
[73] KENDALL COMPANY (THE), US  
[22] 1991-01-04  
[30] US (461,598) 1990-01-05

---

[11] **2,034,012**  
[13] C

[51] **Int.Cl. 5B65C 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR HEAT SEALING LABELS ON CONTAINERS**  
[54] **METHODE ET APPAREIL DE POSE D'ETIQUETTES A BANDE THERMOSCELLABLE, SUR RECIPIENTS**  
[72] Potter, Terry C., US  
[73] B & H MANUFACTURING COMPANY, US  
[22] 1991-01-11  
[30] US (07/464,526) 1990-01-12

---

[11] **2,034,028**  
[13] C

[51] **Int.Cl. 5B63G 8/41**  
[25] EN  
[54] **SUBMARINE ESCAPE ASSEMBLY**  
[54] **APPAREIL D'EVACUATION POUR SOUS-MARINIERS**  
[72] Littler, Stephen, GB  
[73] WARDLE STOREYS (SAFETY & SURVIVAL EQUIPMENT) LIMITED, GB  
[22] 1991-01-11  
[30] GB (9004231.8) 1990-02-24

---

---

[11] **2,037,292**  
[13] C

[51] **Int.Cl. 5C08F 2/24**  
[25] EN  
[54] **PREPARATION OF FINELY DIVIDED, WATER-SOLUBLE POLYMERS**  
[54] **PREPARATION DE POLYMERES HYDROSOLUBLES FINEMENT DIVISES**  
[72] Niessner, Manfred, DE  
[72] Wickel, Stefan, DE  
[72] Schneider, Walter, DE  
[72] Beck, Juergen, DE  
[72] Hartmann, Heinrich, DE  
[72] Meyer, Thomas, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1991-02-28  
[30] DE (P 40 07 313.0) 1990-03-08

---

[11] **2,037,920**  
[13] C

[51] **Int.Cl. 5C08F 220/04 5C08L 33/02**  
[25] EN  
[54] **METHOD OF PREPARING AN ANTIBACTERIAL POLYMER AND ITS APPLICATION**  
[54] **MODE DE PREPARATION D'UN POLYMERE ANTIBACTERIEN ET SON APPLICATION**  
[72] Asai, Tamio, JP  
[72] Maruhashi, Yoshitsugu, JP  
[73] Toyo Seikan Kaisha, Ltd., JP  
[85] 1991-03-28  
[86] 1990-07-31 (PCT/JP90/00979)  
[87] (WO91/02026)  
[30] JP (196684/89) 1989-07-31

---

[11] **2,040,809**  
[13] C

[51] **Int.Cl. 5C25D 3/06 5C25D 21/22**  
[25] EN  
[54] **APPARATUS AND PROCESS TO REGENERATE A TRIVALENT CHROMIUM BATH**  
[54] **APPAREIL SERVANT A REGENERER UN BAIN DE CHROME TRIVALENT ET PROCEDE CONNEXE**  
[72] Reynolds, Bradley D., CA  
[73] ELF ATOCHEM NORTH AMERICA, INC., US  
[22] 1991-04-19  
[30] US (516,486) 1990-04-30

---

---

[11] **2,042,118**  
[13] C

[51] **Int.Cl. 5B61D 3/10 5B61G 5/02**  
[25] EN  
[54] **ARTICULATED COUPLING APPARATUS FOR CONNECTING ADJACENT ENDS OF A PAIR OF RAILWAY CARS TOGETHER IN A SEMIPERMANENT MANNER**  
[54] **ATTELAGE ARTICULE SEMI-PERMANENT POUR MATERIEL FERROVIAIRE**  
[72] Wallace, William D., US  
[72] Lynch, Edward G., Jr., US  
[72] Daugherty, David W., Jr., US  
[72] Kanjo, Wajih, US  
[72] Hawryszkow, Michael G., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[73] SARGENT INDUSTRIES, INC., US  
[22] 1991-05-08  
[30] US (520,687) 1990-05-08

---

[11] **2,044,085**  
[13] C

[51] **Int.Cl. 5B29D 7/01 5B29C 47/00 5B29C 43/24**  
[25] EN  
[54] **EXTRUDED SOLID PLASTIC SHEET AND FILM, METHOD OF PRODUCING SAME, AND USE**  
[54] **FEUILLE ET PELLICULE DE PLASTIQUE PLEINES EXTRUDEES, METHODE DE PRODUCTION ET UTILISATION**  
[72] Funk, Karl, DE  
[72] Gross, Heinz, DE  
[73] Rohm G.m.b.H. Chemische Fabrik, DE  
[22] 1991-06-07  
[30] DE (P 40 18 531.1) 1990-06-09

---

[11] **2,044,099**  
[13] C

[51] **Int.Cl. 5C09K 7/02**  
[25] EN  
[54] **NON-HYDROCARBON INVERT EMULSIONS FOR USE IN WELL DRILLING OPERATIONS**  
[54] **EMULSIONS INVERSEES (SAUMURE-GLYCOL) POUR OPERATIONS DE FORAGE DE Puits**  
[72] Bland, Ronald G., US  
[72] Clapper, Dennis K., US  
[73] BAKER HUGHES INC., US  
[22] 1991-06-07  
[30] US (536,735) 1990-06-11

---



Canadian Patents Issued  
September 26, 2000

[11] **2,044,550**  
[13] C  
[51] **Int.Cl. 5C12P 7/22**  
[25] EN  
[54] **METHOD FOR THE BIOLOGICAL PREPARATION OF HYDROXYVITAMIN D COMPOUNDS**  
[54] **METHODE DE PREPARATION DE COMPOSES D'HYDROXYVITAMINE D**  
[72] Takeda, Koji, JP  
[72] Kimura, Kiyoshi, JP  
[72] Okamura, Kazuhiko, JP  
[72] Okamoto, Rokuro, JP  
[72] Sasaki, Joji, JP  
[72] Adachi, Takashi, JP  
[72] Omura, Sadafumi, JP  
[73] Mercian Corporation, JP  
[22] 1991-06-13  
[30] JP (02-157054) 1990-06-15  
[30] JP (02-334283) 1990-11-30

[11] **2,045,463**  
[13] C  
[51] **Int.Cl. 5B05B 7/14 5B05B 13/02 5B05D 3/02 5B05B 13/06 5B05D 1/12**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PRODUCING COATED FASTENER SAMPLES**  
[54] **APPAREIL ET METHODE DE PRODUCTION DE PETITES QUANTITES DE FIXATIONS A REVETEMENT SPECIAL**  
[72] DiMaio, Anthony, US  
[72] Duffy, Richard J., US  
[72] Sessa, Eugene D., US  
[73] Nylok Fastener Corporation, US  
[85] 1991-07-23  
[86] 1990-10-16 (PCT/US90/05820)  
[87] (WO91/05614)  
[30] US (424,810) 1989-10-20

[11] **2,047,199**  
[13] C  
[51] **Int.Cl. 5C10M 105/60 5C10M 173/02**  
[25] EN  
[54] **LUBRICANT AND USE THEREOF**  
[54] **LUBRIFIANT ET SON UTILISATION**  
[72] Schmitz, Karl-Heinz, DE  
[72] Boewing, Walter G., DE  
[72] Falter, Wolfgang, BE  
[73] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1991-08-23  
[86] 1990-02-14 (PCT/EP90/00236)  
[87] (WO90/10053)  
[30] DE (P 39 05 548.5) 1989-02-23

[11] **2,047,325**  
[13] C  
[51] **Int.Cl. 5C07C 2/66 5C07C 15/107 5C07C 15/24 5C07C 2/86**  
[25] EN  
[54] **BOUND PILLARED CLAY FOR USE IN THE PRODUCTION OF ALKYL AROMATIC COMPOUNDS**  
[54] **COMPOSITION ARGILEUSE POUR LA FABRICATION DE COMPOSES AROMATIQUES ALKYLES**  
[72] Kocal, Joseph A., US  
[73] UOP, US  
[22] 1991-07-18

[11] **2,048,596**  
[13] C  
[51] **Int.Cl. 5F04D 29/38 5B01F 7/00**  
[25] EN  
[54] **HIGH EFFICIENCY MIXER IMPELLER**  
[54] **ROUE DE MELANGEUR HAUTE EFFICACITE**  
[72] Fasano, Julian B., US  
[73] Chemineer, Inc., US  
[85] 1991-08-28  
[86] 1991-01-24 (PCT/US91/00517)  
[87] (WO91/11620)  
[30] US (471,340) 1990-01-29

[11] **2,049,118**  
[13] C  
[51] **Int.Cl. 5B01J 31/12 5C08F 36/00 5C08F 8/04**  
[25] EN  
[54] **SELECTIVE HYDROGENATION OF CONJUGATED DIOLEFIN POLYMERS**  
[54] **HYDROGENATION SELECTIVE DE POLYMERES A BASE DE DIOLEFINES CONJUGUEES**  
[72] Chamberlain, Linda Rae, US  
[72] Gibler, Carma Joleen, US  
[72] Kemp, Richard Alan, US  
[72] Wilson, Stanley Edward, US  
[73] SHELL CANADA LIMITED, CA  
[22] 1991-08-13  
[30] US (568,113) 1990-08-15

[11] **2,056,603**  
[13] C  
[51] **Int.Cl. 5B02C 1/06**  
[25] EN  
[54] **ROCK CRUSHER**  
[54] **CONCASSEUR DE ROCHE**  
[72] Boyd, Phillip George, NZ  
[73] Boyd Motors Limited, NZ  
[22] 1991-11-28  
[30] NZ (236,263) 1990-11-29

[11] **2,057,145**  
[13] C  
[51] **Int.Cl. 5A47L 9/14 5A47L 5/24**  
[25] EN  
[54] **HAND-HELD VACUUM CLEANER**  
[54] **ASPIRATEUR A MAIN**  
[72] Kosten, Richard B., US  
[72] Krasznai, Charles Z., US  
[72] Reed, Charles A., Jr., US  
[72] Osit, Robert, US  
[73] BLACK & DECKER INC., US  
[22] 1991-12-05  
[30] US (07/637,413) 1991-01-04

[11] **2,061,206**  
[13] C  
[51] **Int.Cl. 5E05F 11/16 5E05F 11/24**  
[25] EN  
[54] **PIVOTAL HANDLE FOR A WINDOW ACTUATOR**  
[54] **POIGNEE A PIVOT POUR VERIN DE MANOEUVRE D'UNE FENETRE**  
[72] Ellis, Frederick G., CA  
[73] Ellis, Frederick G., CA  
[22] 1992-02-14  
[30] US (745,395) 1991-08-15

[11] **2,061,589**  
[13] C  
[51] **Int.Cl. 5H01Q 3/06**  
[25] EN  
[54] **REMOTE CONTROL ANTENNA ROTOR SYSTEM**  
[54] **DISPOSITIF DE ROTATION D'ANTENNE TELECOMMANDE**  
[72] Flynn, Eamonn, CA  
[73] Flynn, Eamonn, CA  
[22] 1992-02-20

**Brevets canadiens délivrés  
26 septembre 2000**

[11] **2,064,027**  
[13] C

[51] **Int.Cl. 5H02H 3/16**  
[25] EN  
[54] **GROUND FAULT CIRCUIT INTERRUPTER**  
[54] **INTERRUPTEUR EN CAS DE DEFAUT A LA TERRE**  
[72] Glennon, Oliver, IE  
[72] Kenny, Liam, IE  
[73] SQUARE D COMPANY, US  
[85] 1992-01-14  
[86] 1990-05-17 (PCT/US90/02833)  
[87] (WO91/18438)

[11] **2,064,108**  
[13] C

[51] **Int.Cl. 5C07D 277/14 5C07D 413/04 5C07D 417/04 5C07D 263/24**  
[25] EN  
[54] **THIAZOLIDINONE AND OXAZOLIDINONE DERIVATIVES, THEIR PREPARATION AND THEIR USE AS VASODILATORS**  
[54] **DERIVES DE LA THIAZOLIDINONE ET DE L'OXAZOLIDINONE, LEUR PREPARATION ET LEUR UTILISATION COMME VASODILATEURS**  
[72] Ishihara, Sadao, JP  
[72] Saito, Fujio, JP  
[72] Yoshioka, Takao, JP  
[72] Koike, Hiroyuki, JP  
[72] Miyake, Sigeki, JP  
[72] Mizuno, Hiroshi, JP  
[73] SANKYO COMPANY, LIMITED, JP  
[22] 1992-03-26  
[30] JP (3-63088) 1991-03-27  
[30] JP (3-102751) 1991-05-08  
[30] JP (3-330304) 1991-12-13

[11] **2,064,252**  
[13] C

[51] **Int.Cl. 5G06F 15/31**  
[25] EN  
[54] **DIGITAL FILTER AND METHOD OF DESIGN**  
[54] **FILTRE NUMERIQUE ET SA METHODE DE FABRICATION**  
[72] Gehring, Mark R., US  
[73] SEIKO CORPORATION, JP  
[73] SEIKO EPSON CORPORATION, JP  
[85] 1992-01-17  
[86] 1990-07-13 (PCT/US90/03945)  
[87] (WO91/01526)  
[30] US (385,326) 1989-07-25

[11] **2,064,580**  
[13] C

[51] **Int.Cl. 5A01N 25/00 5A01N 25/04**  
[25] EN  
[54] **INSECTICIDE DELIVERY SYSTEM AND ATTRACTANT**  
[54] **SYSTEME DE DISTRIBUTION D'INSECTICIDE ET ATTRACTIF**  
[72] Gehret, Michael J., US  
[72] Chang, Frank N., US  
[73] Temple University - of the Commonwealth System of Higher Education, US  
[85] 1992-02-03  
[86] 1990-08-01 (PCT/US90/04295)  
[87] (WO91/01736)  
[30] US (389,598) 1989-08-03

[11] **2,064,951**  
[13] C

[51] **Int.Cl. 5E06B 7/086**  
[25] EN  
[54] **MOVABLE LOUVRE CLAMP**  
[54] **BRIDE MOBILE POUR LOUVRE**  
[72] Ross, Alan, CA  
[73] Dominion Plastics Inc., CA  
[22] 1992-04-02

[11] **2,070,914**  
[13] C

[51] **Int.Cl. 5A61M 25/10**  
[25] EN  
[54] **DILATATION CATHETER AND GUIDEWIRE EXCHANGE**  
[54] **CATHETER UTILISABLE POUR LA DILATATION ET FIL DE GUIDAGE**  
[72] Kramer, Barry L., US  
[73] ADVANCED CARDIOVASCULAR SYSTEMS, INC., US  
[22] 1992-06-10  
[30] US (713,973) 1991-06-11

[11] **2,072,297**  
[13] C

[51] **Int.Cl. 5F26B 19/00**  
[25] EN  
[54] **HIGH DENSITY SINGLE PASS HEAT EXCHANGER FOR DRYING FRAGMENTED MOISTURE-BEARING PRODUCTS**  
[54] **ECHANGEUR DE CHALEUR A UN PASSAGE, HAUTE DENSITE, DESTINE AU SECHAGE DE PRODUITS FRAGMENTES CONTENANT DE L'EAU**  
[72] Ronning, Richard L., US  
[73] Ronning Engineering Company, Inc., US  
[22] 1992-06-25  
[30] US (770,586) 1991-10-03

[11] **2,074,121**  
[13] C

[51] **Int.Cl. 5G06F 9/445**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SELECTIVELY PREVENTING A SOFTWARE PROGRAM FROM BEING OPERABLE**  
[54] **DISPOSITIF ET METHODE POUR RENDRE UN PROGRAMME DE LOGICIEL INOPERANT DE FACON SELECTIVE**  
[72] Benson, Lawrence David, US  
[72] Gill, Brian Patrick, US  
[72] Gill, Timothy Earl, US  
[73] Quark, Inc., US  
[22] 1992-07-17  
[30] US (732,719) 1991-07-19

[11] **2,074,124**  
[13] C

[51] **Int.Cl. 5H04B 1/04**  
[25] EN  
[54] **TRANSMITTER WITH NONLINEARITY CORRECTION CIRCUITS**  
[54] **EMETTEUR A CIRCUITS DE CORRECTION DE NON-LINEARITES**  
[72] Matsumoto, Takayuki, JP  
[72] Kosugi, Hiroaki, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1992-07-17  
[30] JP (03-179486/1991) 1991-07-19

Canadian Patents Issued  
September 26, 2000

[11] **2,079,468**  
[13] C  
[51] **Int.Cl. 5H02H 3/26**  
[25] EN  
[54] **ARCING FAULT DETECTOR**  
[54] **INDICATEUR DE DECHARGE**  
**ELECTRIQUE**  
[72] White, Orval C., US  
[73] SQUARE D COMPANY, US  
[85] 1992-09-29  
[86] 1991-03-06 (PCT/US91/01523)  
[87] (WO91/15890)  
[30] US (502,042) 1990-03-30

[11] **2,080,243**  
[13] C  
[51] **Int.Cl. 5B32B 27/10**  
[25] EN  
[54] **PACKAGING LAMINATE**  
**MATERIAL**  
[54] **STRATIFIE D'EMBALLAGE**  
[72] Kato, Eiichi, JP  
[72] Takahashi, Eiji, JP  
[72] Kondo, Hiroshi, JP  
[72] Niimi, Hiroji, JP  
[72] Hiraoka, Takashi, JP  
[72] Sakai, Masayuki, JP  
[72] Kohsaka, Masaki, JP  
[73] Nippon Paper Industries Co. Ltd., JP  
[73] MITSUI CHEMICALS, INC., JP  
[85] 1992-10-08  
[86] 1992-04-03 (PCT/JP92/00417)  
[87] (WO92/17334)  
[30] JP (71892/1991) 1991-04-04

[11] **2,086,568**  
[13] C  
[51] **Int.Cl. 5D05B 1/00**  
[25] FR  
[54] **PROCEDE POUR LE PIQUAGE**  
**D'UNE PIECE FIBREUSE, PIECE**  
**FIBREUSE AINSI OBTENUE ET PIECE**  
**COMPOSITE FIBRES-MATRICE**  
**OBTENUE A PARTIR DE LADITE**  
**PIECE FIBREUSE**  
[54] **PROCESS FOR STITCHING A**  
**FIBROUS ARTICLE, FIBROUS**  
**ARTICLE THUS OBTAINED, AND**  
**COMPOSITE MATRIX-FIBRE**  
**ARTICLE FABRICATED FROM SAID**  
**FIBROUS ARTICLE**  
[72] Lemaire, Etienne, FR  
[72] Fantino, Lucien, FR  
[73] Société Anonyme dite : Aerospatiale  
Société Nationale, FR  
[22] 1992-12-31  
[30] FR (92 00761) 1992-01-24

[11] **2,086,683**  
[13] C  
[51] **Int.Cl. 5A01M 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**CROP SPRAYING**  
[54] **METHODE ET DISPOSITIF DE**  
**PULVERISATION AGRICOLE**  
[72] Benest, Roger, GB  
[73] BENEST ENGINEERING LIMITED,  
GB  
[85] 1993-01-04  
[86] 1990-07-04 (PCT/GB90/01033)  
[87] (WO92/00670)

[11] **2,089,254**  
[13] C  
[51] **Int.Cl. 5A47L 5/38**  
[25] EN  
[54] **LOW VOLTAGE CENTRAL**  
**VACUUM CONTROL HANDLE WITH**  
**AIR FLOW SENSOR**  
[54] **MANETTE DE COMMANDE DE**  
**SYSTEME CENTRAL DE MISE SOUS**  
**VIDE BASSE TENSION, MUNIE D'UN**  
**DETECTEUR D'ECOULEMENT D'AIR**  
[72] Radabaugh, Kurtis R., US  
[73] Lindsay Manufacturing, Inc., US  
[22] 1993-02-10  
[30] US (07/833,984) 1992-02-11

[11] **2,090,691**  
[13] C  
[51] **Int.Cl. 5H04L 12/66 5G05B 19/05**  
[25] EN  
[54] **MANUFACTURING**  
**AUTOMATION PROTOCOL**  
**INTERFACE UNIT FOR INDUSTRIAL**  
**PROGRAMMABLE LOGIC**  
**CONTROLLERS**  
[54] **INTERFACE DE MAPPAGE POUR**  
**CONTROLEURS LOGIQUES**  
**PROGRAMMABLES INDUSTRIELS**  
[72] Ruehle, Lyle L., US  
[72] Karshenas, Hamid, US  
[72] Hill, Brian T., US  
[72] Mikulich, James B., US  
[73] SCHNEIDER AUTOMATION INC.,  
US  
[85] 1993-03-01  
[86] 1991-08-21 (PCT/US91/05975)  
[87] (WO92/04676)  
[30] US (579,748) 1990-09-07

[11] **2,091,770**  
[13] C  
[51] **Int.Cl. 5B65D 51/22**  
[25] EN  
[54] **CLOSURE FOR A CONTAINER**  
[54] **FERMETURE POUR CONTENANT**  
[72] Witt, Stephen H., CA  
[73] Stanpac Inc., CA  
[85] 1993-03-16  
[86] 1991-09-20 (PCT/CA91/00340)  
[87] (WO92/05085)  
[30] US (681,827) 1991-04-08

[11] **2,096,550**  
[13] C  
[51] **Int.Cl. 5G07D 7/00**  
[25] EN  
[54] **BILL DISCRIMINATION**  
**APPARATUS**  
[54] **APPAREIL DE COMPARAISON**  
**SYSTEMATIQUE DE BILLETS DE**  
**BANQUE**  
[72] Ono, Takashi, JP  
[72] Watabe, Masayuki, JP  
[72] Maruyama, Yoshinori, JP  
[73] Nippon Conlux Co., Ltd., JP  
[22] 1993-05-19  
[30] JP (161645/1992) 1992-05-29

[11] **2,097,668**  
[13] C  
[51] **Int.Cl. 5G01P 13/00 5H02N 2/00**  
**5F16K 31/02**  
[25] EN  
[54] **MOVEMENT ACTUATOR/SENSOR**  
**SYSTEMS**  
[54] **SYSTEMES DETECTEURS/**  
**ACTIONNEURS DE MOUVEMENT**  
[72] Jacobsen, Stephen C., US  
[73] SARCOS GROUP, US  
[22] 1993-06-03  
[30] US (07/898,216) 1992-06-12

[11] **2,097,979**  
[13] C  
[51] **Int.Cl. 5H01R 13/187**  
[25] EN  
[54] **FEMALE ELECTRICAL CONTACT**  
**TERMINAL FOR A CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE A**  
**BURNETYPE FEMELLE**  
[72] Dechanteloup, Jean-Michel, FR  
[72] Leger, Patrick, FR  
[73] Framatome Connectors International, FR  
[22] 1993-06-08  
[30] FR (92 06914) 1992-06-09

**Brevets canadiens délivrés  
26 septembre 2000**

---

[11] **2,100,422**  
[13] C

[51] **Int.Cl. 5B21K 1/76 5F16F 1/04**  
[25] EN  
[54] **METHOD OF AND DEVICE FOR MANUFACTURING CURVED HELICAL SPRINGS**  
[54] **METHODE ET DISPOSITIF DE FABRICATION DE RESSORTS EN HELICE INCURVEES**  
[72] Vondracek, Hans, DE  
[72] Kröber, Heinz, DE  
[73] Fried. Krupp AG Hoesch-Krupp, DE  
[22] 1993-07-13  
[30] DE (P 42 24 951.1) 1992-07-29

---

[11] **2,102,702**  
[13] C

[51] **Int.Cl. 5C12N 15/55 5C12N 5/10 5C12N 9/18**  
[25] EN  
[54] **VITAMIN K-DEPENDENT CARBOXYLASE**  
[54] **CARBOXYLASE DEPENDANTE DE LA VITAMINE K**  
[72] Stafford, Darrel W., US  
[72] Wu, Sheue-Mei, US  
[73] University of North Carolina at Chapel Hill, US  
[85] 1993-11-08  
[86] 1992-05-08 (PCT/US92/03853)  
[87] (WO92/19636)  
[30] US (697,427) 1991-05-08  
[30] US (756,250) 1991-09-09

---

[11] **2,103,460**  
[13] C

[51] **Int.Cl. 5C12N 15/50 5C07H 21/00 5C12N 7/00 5A61K 39/215 5A61K 39/42 5G01N 33/569 5C12Q 1/70**  
[25] EN  
[54] **CAUSATIVE AGENT OF THE MYSTERY SWINE DISEASE, VACCINE COMPOSITIONS AND DIAGNOSTIC KITS**  
[54] **AGENT CAUSAL DE LA MALADIE MYSTERIEUSE DU PORC, COMPOSITIONS POUR LA VACCINATION ET TROUSSES DIAGNOSTIQUES**  
[72] Wensvoort, Gert, NL  
[72] Terpstra, Catharinus, NL  
[72] Pol, Joannes M. A., NL  
[72] Moormann, Robertus J. M., NL  
[72] Meulenberg, Johanna J. M., NL  
[73] Stichting Centraal Diergeneeskundig Instituut, NL  
[85] 1993-11-18  
[86] 1992-06-05 (PCT/NL92/00096)  
[87] (WO92/21375)  
[30] EP (91201398.4) 1991-06-06  
[30] EP (92200781.0) 1992-03-18

---

[11] **2,109,317**  
[13] C

[51] **Int.Cl. 5B32B 15/08 5B65D 81/34**  
[25] EN  
[54] **NICKEL, CHROMIUM, IRON ALLOY TYPE SUSCEPTOR STRUCTURE**  
[54] **MATERIAUX INTERACTIFS COMPRENANT UN ALLIAGE DE NICKEL, DE CHROME ET DE FER**  
[72] Perry, Michael R., US  
[72] Johnson, Andrew H., US  
[72] Lentz, Ronald R., US  
[72] Shevlin, Craig M., US  
[73] PILLSBURY COMPANY (THE), US  
[85] 1993-10-26  
[86] 1992-04-28 (PCT/US92/03534)  
[87] (WO92/19448)  
[30] US (695,563) 1991-05-03

---

[11] **2,111,337**  
[13] C

[51] **Int.Cl. 5C23G 5/024 5C23G 5/028 5C11D 7/24 5H05K 3/26 5C11D 7/28**  
[25] EN  
[54] **A COMPOSITION AND A PROCESS FOR REMOVING ROSIN SOLDER FLUX WITH TERPENE AND HYDROCARBONS**  
[54] **COMPOSITION ET PROCEDE POUR ENLEVER LE FLUX DE BRASURE DE COLOPHANE A L'AIDE DE TERPENE ET D'HYDROCARBURES**  
[72] Hayes, Michael E., US  
[72] Hosman, Donald P., US  
[72] Hrebenar, Kevin R., US  
[72] Sell, Robert D., US  
[73] Petroferm Inc., US  
[85] 1993-12-13  
[86] 1992-06-15 (PCT/US92/04992)  
[87] (WO92/22678)  
[30] US (715,600) 1991-06-14  
[30] US (849,480) 1992-03-11

---

[11] **2,113,591**  
[13] C

[51] **Int.Cl. 5E02B 3/00 5B32B 7/08 5E02B 3/12**  
[25] EN  
[54] **TUFTED GEOSYNTHETIC CLAY LINER AND METHOD OF MANUFACTURE THEREOF**  
[54] **SOUS-COUCHE D'ARGILE GEOSYNTHETIQUE TUFTEE ET METHODE DE FABRICATION CONNEXE**  
[72] Carriker, Richard, US  
[72] Clarey, Mark, US  
[73] Claymax Corporation, US  
[22] 1994-01-17  
[30] US (08/006,227) 1993-01-19

---

[11] **2,114,326**  
[13] C

[51] **Int.Cl. 5G05D 1/10 5B64C 27/54**  
[25] EN  
[54] **MANEUVER FEEL SYSTEM FOR A ROTARY WING AIRCRAFT**  
[54] **DISPOSITIF DE SENSATION ARTIFICIELLE POUR AERONEFS A VOILURE TOURNANTE**  
[72] Gold, Phillip J., US  
[72] Wright, Stuart C., US  
[73] United Technologies Corporation, US  
[85] 1994-01-26  
[86] 1992-08-21 (PCT/US92/07126)  
[87] (WO93/05464)  
[30] US (751,456) 1991-08-28

---

Canadian Patents Issued  
September 26, 2000

[11] 2,117,238  
[13] C

[51] Int.Cl. 5H04M 3/22 5H04B 1/40  
[25] EN  
[54] DIGITAL SUPERVISORY AUDIO TONE DETECTOR  
[54] DETECTEUR DE TONALITES AUDIONUMERIQUES DE SURVEILLANCE  
[72] Boyer, Brian E., US  
[72] Dedier, Stephen T., US  
[72] Paulos, John F., US  
[72] Smith, Gregory S., US  
[72] Warner, Charles L., II, US  
[73] MATSUSHITA COMMUNICATION INDUSTRIAL CORPORATION OF U.S.A., US  
[22] 1994-03-08  
[30] US (033,650) 1993-03-17

[11] 2,121,240  
[13] C

[51] Int.Cl. 5H04Q 3/66  
[25] EN  
[54] METHOD FOR THE NON-HIERARCHICAL ROUTING OF TRAFFIC IN A COMMUNICATIONS NET  
[54] METHODE D'ACHEMINEMENT NON HIERARCHIQUE DU TRAFIC DANS UN RESEAU DE COMMUNICATION  
[72] Hartmann, Harro Lothar, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1994-04-13  
[86] 1992-10-06 (PCT/EP92/02302)  
[87] (WO93/08666)  
[30] EP (91117567.7) 1991-10-15

[11] 2,121,922  
[13] C

[51] Int.Cl. 5B41N 6/00 5B41F 27/06 5B41C 1/18  
[25] EN  
[54] DEVICE FOR PRODUCING A TUBE, IN PARTICULAR A TUBE-SHAPED PRINTING FORM, WITH A CONTINUOUS CIRCUMFERENTIAL SURFACE  
[54] DISPOSITIF DE FABRICATION DE TUBES, PARTICULIEREMENT DE SUPPORTS D'IMPRESSIION TUBULAIRES CONTINUS  
[72] Hoffmann, Eduard, DE  
[72] Winterholler, Johann, DE  
[72] Prem, Wolfgang, DE  
[73] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 1994-04-05  
[30] DE (P 43 11 078.9) 1993-04-03

[11] 2,123,159  
[13] C

[51] Int.Cl. 5H04Q 3/52 5H04B 10/12  
[25] EN  
[54] TRANSMISSION LINE SWITCHING APPARATUS AND METHOD THEREFOR  
[54] APPAREIL ET METHODE DE COMMUTATION DE LIGNES TELEPHONIQUES  
[72] Saito, Kazuhito, JP  
[72] Saito, Makoto, JP  
[72] Kobayashi, Hideo, JP  
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[73] NIPPON TELEGRAPH & TELEPHONE CORPORATION, JP  
[22] 1994-05-09  
[30] JP (108258/1993) 1993-05-10  
[30] JP (200696/1993) 1993-08-12  
[30] JP (230288/1993) 1993-09-16  
[30] JP (231608/1993) 1993-09-17

[11] 2,124,760  
[13] C

[51] Int.Cl. 5H04L 12/56  
[25] EN  
[54] SIGNALING SYSTEM UTILIZING SOURCE ROUTING INFORMATION IN A PACKET NETWORK  
[54] SYSTEME DE SIGNALISATION UTILISANT DES INFORMATIONS D'ACHEMINEMENT POUR RESEAU A COMMUTATION DE PAQUETS  
[72] Iwata, Atsushi, JP  
[73] NEC CORPORATION, JP  
[22] 1994-05-31  
[30] JP (128565/1993) 1993-05-31

[11] 2,126,244  
[13] C

[51] Int.Cl. 5A61K 9/12  
[25] EN  
[54] SUSPENSION AEROSOL FORMULATIONS  
[54] FORMULATIONS D'AEROSOL EN SUSPENSION  
[72] Schultz, Robert K., US  
[72] Schultz, David W., US  
[72] Oliver, Martin J., GB  
[72] Moris, Robert A., US  
[72] Jinks, Philip A., GB  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1994-06-17  
[86] 1992-12-11 (PCT/US92/10587)  
[87] (WO93/11747)  
[30] US (07/809791) 1991-12-18  
[30] US (07/810401) 1991-12-18  
[30] US (07/878039) 1992-05-04

[11] 2,129,070  
[13] C

[51] Int.Cl. 5A61L 27/00  
[25] EN  
[54] COMPOSITE SURGICAL MATERIAL  
[54] MATERIAU CHIRURGICAL COMPOSITE  
[72] Harvey, Wilson, GB  
[72] Light, Nicholas D., GB  
[72] Haynes, Carla A., GB  
[73] JOHNSON & JOHNSON MEDICAL INC., US  
[22] 1994-07-28  
[30] GB (9315614.9) 1993-07-28  
[30] GB (9319273.0) 1993-09-17

[11] 2,135,572  
[13] C

[51] Int.Cl. 5B28D 1/12  
[25] EN  
[54] METHOD AND APPARATUS FOR DRIVING A CUTTING BLADE IN A SELF-PROPELLED SAW  
[54] METHODE ET DISPOSITIF POUR ENTRAINER LA LAME DE COUPE DANS UNE SCIE AUTOMOTRICE  
[72] Trottier, Rick, CA  
[73] Boart Longyear Inc., CA  
[22] 1994-11-10  
[30] US (08/251,122) 1994-05-31

**Brevets canadiens délivrés  
26 septembre 2000**

---

[11] **2,137,832**  
[13] C

[51] **Int.Cl. 6C07K 5/023 6C07K 5/027 6A61K 38/05 6A61K 38/06 6C07K 5/06 5C07D 401/12 5A61K 31/445**  
[25] EN  
[54] **INHIBITORS OF ANGIOTENSIN I CHYMASE(S) INCLUDING HUMAN HEART CHYMASE**  
[72] Hoover, Dennis J., US  
[73] PFIZER INC., US  
[85] 1994-12-09  
[86] 1993-04-23 (PCT/US93/03625)  
[87] (WO93/25574)  
[30] US (897,723) 1992-06-12

---

[11] **2,138,733**  
[13] C

[51] **Int.Cl. 5G01K 3/04 5G01R 35/00**  
[25] EN  
[54] **PERISHABLE GOOD INTEGRITY INDICATOR**  
[54] **INDICATEUR D'INTEGRITE POUR PRODUITS PERISSABLES**  
[72] Medin, David L., US  
[73] Medin, David L., US  
[22] 1994-12-21  
[30] US (08/175,209) 1993-12-27

---

[11] **2,140,380**  
[13] C

[51] **Int.Cl. 6C10B 25/20**  
[25] EN  
[54] **COKE DRUM DEHEADING SYSTEM**  
[54] **SYSTEME D'ETETAGE DE BARIL DE COKEFACTION**  
[72] Rabet, Nobby, CA  
[73] Suncor Energy Inc. / Suncor Énergie Inc., CA  
[22] 1995-01-17

---

---

[11] **2,141,148**  
[13] C

[51] **Int.Cl. 6F16D 27/112**  
[25] EN  
[54] **CLUTCH BALL RAMP ACTUATOR WITH DRIVE AND COAST APPLY**  
[54] **MECANISME D'EMBAYAGE A BILLES AVEC ACTIONNEURS PRIMAIRE ET SECONDAIRE**  
[72] Organek, Gregory Joseph, US  
[72] Preston, David Michael, US  
[72] Janson, David Allen, US  
[73] EATON CORPORATION, US  
[22] 1995-01-26  
[30] US (189,366) 1994-01-31

---

[11] **2,141,149**  
[13] C

[51] **Int.Cl. 6F16D 27/112**  
[25] EN  
[54] **CLUTCH BALL RAMP ACTUATOR WITH COAST LOCK**  
[54] **MECANISME D'EMBAYAGE A BILLES AVEC DISPOSITIF DE VERROUILLAGE**  
[72] Organek, Gregory Joseph, US  
[72] Preston, David Michael, US  
[72] Janson, David Allen, US  
[73] EATON CORPORATION, US  
[22] 1995-01-26  
[30] US (189,342) 1994-01-31

---

[11] **2,145,710**  
[13] C

[51] **Int.Cl. 6B05C 17/02 6B65D 23/10**  
[25] EN  
[54] **PAINT APPLICATOR WITH IMPROVED EXTENSIBLE HANDLE**  
[54] **APPLICATEUR DE PEINTURE AVEC MANCHE EXTENSIBLE AMELIORE**  
[72] Sorenson, Gregg R., US  
[73] Newell Operating Company, US  
[22] 1995-03-28  
[30] US (08/278,838) 1994-07-22

---

---

[11] **2,145,981**  
[13] C

[51] **Int.Cl. 6B65B 11/00**  
[25] EN  
[54] **PLANT PACKAGE HAVING A DETACHABLE SLEEVE AND METHODS**  
[54] **CONDITIONNEMENT POUR PLANTE COMPORTANT UN MANCHON AMOVIBLE; METHODE D'UTILISATION**  
[72] Weder, Donald E., US  
[73] Southpac Trust International, Inc., NZ  
[22] 1995-03-30  
[30] US (08/220,852) 1994-03-31

---

[11] **2,146,181**  
[13] C

[51] **Int.Cl. 6G01V 1/00 6G01V 1/04**  
[25] EN  
[54] **METHOD FOR CASCADING SWEEPS FOR A SEISMIC VIBRATION**  
[54] **METHODE DE MISE EN CASCADE DE BALAYAGE POUR VIBRATIONS SISMIQUES**  
[72] Andersen, Kenneth D., US  
[73] Exxon Production Research Company,  
[22] 1995-04-03  
[30] US (242,751) 1994-05-13

---

[11] **2,148,434**  
[13] C

[51] **Int.Cl. 6B65D 75/36 6B65D 85/38**  
[25] EN  
[54] **BLISTER PACK FOR AN OPTICAL LENS**  
[54] **EMBALLAGE-COQUE POUR LENTILLE OPTIQUE**  
[72] Borghorst, Sharla, DE  
[72] Baumann, Erich, DE  
[72] Golby, John, DE  
[72] Hagmann, Peter, DE  
[72] Herbrechtsmeier, Peter, DE  
[72] Kretzschmar, Otto, DE  
[72] Seiferling, Bernhard, DE  
[72] De Lucchi, Michele, IT  
[72] Fritze, Torsten, IT  
[72] Cubo, Masahiko, IT  
[73] NOVARTIS AG, CH  
[22] 1995-05-02  
[30] EP (94810260.3) 1994-05-04

---

Canadian Patents Issued  
September 26, 2000

[11] 2,148,765  
[13] C

[51] Int.Cl. 6G02F 1/13 6C08J 3/00 6C09K 19/04 6G02F 1/1333 6G02F 1/1335 6G02F 1/1337 6G02B 5/20 6G02B 5/24 6G02B 5/30

[25] EN  
[54] OPTICAL ELEMENTS HAVING COLOR-SELECTIVE AND POLARIZATION-SELECTIVE REFLECTION CONTAINING LC PIGMENTS, AND THE PRODUCTION OF THESE ELEMENTS

[54] ELEMENTS OPTIQUES A SELECTION DE COULEURS ET DE POLARISATIONS CONTENANT DES PIGMENTS A CRISTAUX LIQUIDES ET PRODUCTION DE CES ELEMENTS

[72] Kratzschmar, Oliver, DE  
[72] Gebhard, Thilo, DE  
[72] Ehmann, Silvia, DE  
[72] Kreuzer, Franz-Heinrich, DE  
[73] Consortium fur elektrochemische Industrie GmbH, DE  
[22] 1995-05-05  
[30] DE (P 44 19 239.8) 1994-06-01

[11] 2,149,995  
[13] C

[51] Int.Cl. 6F16K 7/02

[25] EN  
[54] PINCH VALVE  
[54] ROBINET A MANCHON  
[72] Taylor, David John Buchanan, AU  
[73] Jindex Pty. Limited, AU  
[22] 1995-05-23  
[30] AU (PM 5888) 1994-05-26

[11] 2,150,537  
[13] C

[51] Int.Cl. 6B63B 15/00

[25] EN  
[54] ASYMMETRIC BRIDGE  
[54] PONT ASYMETRIQUE  
[72] Hagelstam, Lennart, FI  
[72] Harjula, Arjo, FI  
[72] Eronen, Harri, FI  
[73] Finnyards Oy, FI  
[85] 1995-05-30  
[86] 1992-11-30 (PCT/FI92/00327)  
[87] (WO94/12383)

[11] 2,150,682  
[13] C

[51] Int.Cl. 6C09K 5/04 6A61K 9/12 6B65D 83/14 6C09K 3/20

[25] EN  
[54] COMPOSITION, APPARATUS AND METHOD FOR PROVIDING A SUPPLY OF WATER-BASED COOL MIXTURE  
[54] COMPOSITION, APPAREIL ET METHODE SERVANT A FOURNIR UN MELANGE FRAIS A BASE D'EAU

[72] Rizk, Nelly Kamel, GB  
[73] Rizk, Nelly Kamel, GB  
[85] 1995-05-31  
[86] 1993-11-25 (PCT/GB93/02435)  
[87] (WO94/13753)  
[30] GB (GB 9225593.4) 1992-12-08  
[30] GB (GB 9314065.5) 1993-07-07  
[30] GB (GB 9321561.4) 1993-10-19

[11] 2,151,217  
[13] C

[51] Int.Cl. 6C04B 35/10

[25] EN  
[54] CASTABLE REFRACTORY MATERIAL  
[54] MATERIAU REFRACTAIRE COULABLE  
[72] Nishikawa, Chiharu, JP  
[72] Ohba, Jun, JP  
[73] Taiko Refractories Co., Ltd., JP  
[22] 1995-06-07  
[30] JP (6-151462) 1994-06-08

[11] 2,152,208  
[13] C

[51] Int.Cl. 6C04B 37/00

[25] EN  
[54] ACCESSORY TILE AND ITS MANUFACTURING METHOD  
[54] CARREAU ACCESSOIRE ET METHODE DE FABRICATION  
[72] Kakamu, Yoshinori, JP  
[72] Kakamu, Shinichi, JP  
[72] Kakamu, Shukichi, JP  
[73] Mino Ganryo Kagaku Corporation, JP  
[22] 1995-06-20  
[30] JP (6(1994)-139183) 1994-06-21

[11] 2,153,830  
[13] C

[51] Int.Cl. 6A62B 35/00 6A62B 37/00

[25] EN  
[54] RAIL ATTACHABLE RESCUE FRAME FOR RAIL BRIDGES  
[54] DISPOSITIF DE SECOURS SE FIXANT A UN RAIL UTILISE DANS LES PONTS FERROVIAIRES

[72] O'Rourke, Michael J., CA  
[72] McCashin, David, CA  
[73] SURETY MANUFACTURING & TESTING LTD., CA  
[22] 1995-07-13  
[30] US (08/326,939) 1994-10-21

[11] 2,154,112  
[13] C

[51] Int.Cl. 6A61L 29/00 6A61L 27/00

[25] EN  
[54] WATER SOLUBLE LUBRICANT FOR MEDICAL DEVICES  
[54] LUBRIFIANT HYDROSOLUBLE POUR DISPOSITIFS MEDICAUX

[72] Khan, Mohammad A., US  
[72] Hopkins, David P., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1995-07-18  
[30] US (08/294,212) 1994-08-22

[11] 2,154,137  
[13] C

[51] Int.Cl. 6A61L 29/00 6B29C 33/64

[25] EN  
[54] CATHETER TIPPING LUBRICANT  
[54] LUBRIFIANT POUR CATHETER  
[72] Khan, Azhar J., US  
[72] Hopkins, David P., US  
[72] Khan, Mohammad A., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1995-07-18  
[30] US (08/294,275) 1994-08-22

**Brevets canadiens délivrés  
26 septembre 2000**

---

[11] **2,158,756**  
[13] C

[51] **Int.Cl. 6G01K 1/08 6G01K 7/04 6A61F 7/12**  
[25] EN  
[54] **RECTAL PROBE**  
[54] **SONDE RECTALE**  
[72] Burton, John H., US  
[72] Cook, Timothy C., US  
[72] Svejksky, Ronald, US  
[72] Tihon, Claude, US  
[73] AMERICAN MEDICAL SYSTEMS INC., US  
[85] 1995-09-20  
[86] 1994-01-06 (PCT/US94/00094)  
[87] (WO94/23676)  
[30] US (08/050,922) 1993-04-21

---

[11] **2,160,041**  
[13] C

[51] **Int.Cl. 6A61F 15/00**  
[25] EN  
[54] **WOUND DRESSING SUPPORT DEVICE**  
[54] **SUPPORT POUR LE PANSEMENT DE PLAIES**  
[72] Shesol, Barry F., US  
[72] Reich, Marshall P., US  
[73] Shesol, Barry F., US  
[73] Reich, Marshall P., US  
[22] 1995-10-06

---

[11] **2,160,984**  
[13] C

[51] **Int.Cl. 6D01F 6/60 6D01D 5/06**  
[25] EN  
[54] **TEXTILE FIBERS OF SULFONATED POLY(P-PHENYLENE TEREPHTHALAMIDE)**  
[54] **FIBRES TEXTILES A BASE DE POLY(P-PHENYLENETEREPHTALAMIDE)**  
[72] Bowen, Michael William, US  
[72] Ghorashi, Hamid Moayed, US  
[72] Yang, Hung Han, US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[85] 1995-10-19  
[86] 1994-04-12 (PCT/US94/03962)  
[87] (WO94/24346)  
[30] US (08/047,394) 1993-04-19

---

[11] **2,163,289**  
[13] C

[51] **Int.Cl. 6H04B 3/32 6G01R 31/00 6G01R 31/02 6H04L 12/26 6G01R 31/302**  
[25] EN  
[54] **CROSS-TALK MEASUREMENT APPARATUS WITH NEAR-END COMPENSATION**  
[54] **APPAREIL DE MESURE DE DIAPHONIE A CORRECTION DE LA PARADIAPHONIE**  
[72] Bottman, Jeffrey S., US  
[73] Fluke Corporation, US  
[22] 1995-11-20  
[30] US (08/379,230) 1995-01-27

---

[11] **2,164,455**  
[13] C

[51] **Int.Cl. 6H05B 6/36 6H01F 1/00 6H01F 41/04**  
[25] EN  
[54] **FORMABLE COMPOSITE MAGNETIC FLUX CONCENTRATOR AND METHOD OF MAKING THE CONCENTRATOR**  
[54] **MATERIAU COMPOSITE FORMABLE CONCENTRATEUR DE FLUX MAGNETIQUE ET METHODE DE FABRICATION CORRESPONDANTE**  
[72] Learman, Thomas J., US  
[73] Learflux Inc., US  
[22] 1995-12-05  
[30] US (08/351,510) 1994-12-07

---

[11] **2,165,515**  
[13] C

[51] **Int.Cl. 6G02B 27/09 6H01S 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TEMPORAL AND SPATIAL BEAM INTEGRATION**  
[54] **METHODE ET APPAREILLAGE POUR L'INTEGRATION SPATIALE ET TEMPORELLE D'UN FAISCEAU**  
[72] Glockler, Herrmann J., US  
[73] VISX INCORPORATED, US  
[22] 1995-12-18  
[30] US (08/368,799) 1995-01-04

---

[11] **2,165,936**  
[13] C

[51] **Int.Cl. 6E21B 44/00 6E21B 45/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING DIAMOND DRILL FEED**  
[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE L'AVANCEMENT D'UN OUTIL DE COUPE AUDIAMANT**  
[72] Stahl, Bert, CA  
[73] ATLAS COPCO CANADA INC., CA  
[22] 1995-12-21

---

[11] **2,166,645**  
[13] C

[51] **Int.Cl. 6B22D 37/00**  
[25] EN  
[54] **VIDEO POSITIONING SYSTEM FOR A POURING VESSEL**  
[54] **SYSTEME DE POSITIONNEMENT VIDEO POUR VAISSEAU DE COULEE**  
[72] Tabatabaei, Emad, US  
[73] Inductotherm Corp., US  
[22] 1996-01-05  
[30] US (08/479,313) 1995-06-07

---

[11] **2,168,016**  
[13] C

[51] **Int.Cl. 6C07D 403/04 6C07D 405/04 6C07D 409/04 6C07D 413/04 6C07D 417/04 6C07D 471/04 6C07D 401/14 6C07D 403/14 6C07D 405/14 6A61K 31/395**  
[25] EN  
[54] **BENZIMIDAZOLE DERIVATIVES**  
[54] **DERIVE DE BENZIMIDAZOL**  
[72] Matsunaga, Akio, JP  
[72] Iwata, Daiji, JP  
[72] Takezawa, Kimiko, JP  
[72] Nakajima, Yuki, JP  
[72] Kohno, Hiroshi, JP  
[72] Komatsu, Hironori, US  
[72] Edatsugi, Hajime, JP  
[73] MITSUI CHEMICALS, INC, JP  
[85] 1996-01-24  
[86] 1995-05-30 (PCT/JP95/01034)  
[87] (WO95/32960)  
[30] JP (6/118984) 1994-05-31  
[30] JP (7/35562) 1995-02-23  
[30] JP (7/90522) 1995-04-17



Canadian Patents Issued  
September 26, 2000

[11] **2,173,118**  
[13] C

[51] **Int.Cl. 6A61F 2/01**  
[25] EN  
[54] **IMPROVED VENA CAVA FILTER**  
[54] **FILTRE AMELIORE POUR VEINE**  
**CAVE**  
[72] Kim, Hannah S., US  
[72] Sandock, David L., US  
[72] Nott, Sepideh H., US  
[73] BOSTON SCIENTIFIC  
CORPORATION, US  
[85] 1996-03-29  
[86] 1994-10-03 (PCT/US94/11208)  
[87] (WO95/09567)  
[30] US (08/131,203) 1993-10-01

[11] \* **2,176,644**  
[13] C

[51] **Int.Cl. 6H04N 5/44 6G09G 5/08**  
[25] EN  
[54] **VIDEO RECEIVER DISPLAY OF**  
**CURSOR AND MENU OVERLAYING**  
**VIDEO**  
[54] **SUPERPOSITION DE CURSEURS**  
**ET DE MENUS A UN AFFICHAGE DE**  
**RECEPTION VIDEO**  
[72] Bertram, Randal Lee, US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1996-05-15  
[30] US (08/454,806) 1995-05-31

[11] \* **2,176,648**  
[13] C

[51] **Int.Cl. 6H04N 5/44 6H04N 5/765**  
[25] EN  
[54] **VIDEO RECEIVER DISPLAY,**  
**THREE AXIS REMOTE CONTROL,**  
**AND MICROCONTROLLER FOR**  
**EXECUTING PROGRAMS**  
[54] **AFFICHEUR DE RECEPTION**  
**VIDEO, TELECOMMANDE A TROIS**  
**AXES ET MICROCONTROLEUR**  
**D'EXECUTION DE PROGRAMMES**  
[72] Bertram, Randal Lee, US  
[72] Black, Larry A., US  
[72] Hurd, Jonathan James, US  
[72] Worthington, Thomas Kimber, US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1996-05-15  
[30] US (08/454,801) 1995-05-31

[11] **2,176,826**  
[13] C

[51] **Int.Cl. 6A61M 25/00**  
[25] EN  
[54] **GUIDING CATHETER**  
[54] **CATHETER DE GUIDAGE**  
[72] Azam, Nusayr, US  
[72] Logan, John B., US  
[72] Wessman, Brad J., US  
[72] Priedeman, William R., US  
[73] SCHNEIDER (USA) INC., US  
[85] 1996-05-16  
[86] 1994-11-01 (PCT/IB94/00336)  
[87] (WO95/15780)  
[30] US (08/165,127) 1993-12-10

[11] **2,177,090**  
[13] C

[51] **Int.Cl. 6F16K 17/20 6F17C 13/04**  
[25] EN  
[54] **LP GAS CONTAINER VALVE**  
**AGAINST DISASTERS**  
[54] **SOUPAPE DE SURETE POUR**  
**RECIPIENTS DE GAZ FAIBLE**  
**PRESSION**  
[72] Inayoshi, Tamiaki, JP  
[73] AICHI KOATSU CO., LTD., JP  
[22] 1996-05-22  
[30] JP (350365-1995) 1995-12-22

[11] **2,177,541**  
[13] C

[51] **Int.Cl. 6G03B 17/26**  
[25] EN  
[54] **FILM CARTRIDGE**  
[54] **CARTOUCHE DE FILM**  
[72] Yamaguchi, Takuji, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1996-05-28  
[30] JP (7-145862) 1995-06-13

[11] **2,178,364**  
[13] C

[51] **Int.Cl. 6C08F 220/52 6C07C 7/20**  
**6C08L 33/24**  
[25] EN  
[54] **MALEIMIDE COPOLYMERS AND**  
**METHOD FOR INHIBITING HYDRATE**  
**FORMATION**  
[54] **COPOLYMERES A BASE DE**  
**MALEIMIDE ET METHODE POUR**  
**EMPECHER LA FORMATION**  
**D'HYDRATES**  
[72] Costello, Christine A., US  
[72] Berluce, Enock, US  
[72] Oelfke, Russell H., US  
[72] Talley, Larry D., US  
[73] Exxon Production Research Company,  
US  
[22] 1996-06-06  
[30] US (60/000,071) 1995-06-08

[11] **2,178,723**  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **GARMENT-LIKE DISPOSABLE**  
**ABSORBENT ARTICLE HAVING A**  
**BLOUSED OUTER COVER**  
[54] **ARTICLE ABSORBANT JETABLE**  
**DOTE D'UNE COUCHE EXTERNE**  
**BLOUSANTE, AYANT L'ASPECT D'UN**  
**VETEMENT**  
[72] Hasse, Margaret Henderson, US  
[72] Allen, Patrick Jay, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1996-06-10  
[86] 1994-12-13 (PCT/US94/14340)  
[87] (WO95/18590)  
[30] US (08/176,055) 1994-01-03

[11] **2,180,233**  
[13] C

[51] **Int.Cl. 6G01N 1/38 6G01N 1/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**THERMALLY INDUCING**  
**CIRCULATION OF FLUID BETWEEN**  
**THE INTERIOR OF A SYSTEM AND A**  
**FLUID POCKET ATTACHED**  
**THERETO**  
[54] **TECHNIQUE ET DISPOSITIF DE**  
**MISE EN CIRCULATION PAR ACTION**  
**THERMIQUE D'UN FLUIDE ENTRE**  
**UNE POCHE ET UN SYSTEME A**  
**LAQUELLE LA POCHE EST RELIEE**  
[72] Gibeault, Jean-Pierre, CA  
[72] Beauchemin, Claude, CA  
[73] GE SYPROTEC INC., CA  
[22] 1996-06-28

**Brevets canadiens délivrés  
26 septembre 2000**

[11] **2,180,544**  
[13] C

[51] **Int.Cl. 6C21B 5/00**  
[25] EN  
[54] **BLAST FURNACE OPERATING METHOD**  
[54] **PROCEDE D'UTILISATION D'UN HAUT FOURNEAU**  
[72] Sakurai, Syouji, JP  
[72] Kawai, Takanari, JP  
[72] Fujimori, Hirotooshi, JP  
[72] Nakajima, Yoshiyuki, JP  
[73] Sakurai, Syouji, JP  
[73] KAWASAKI STEEL CORPORATION, JP  
[85] 1996-07-04  
[86] 1995-11-07 (PCT/JP95/02272)  
[87] (WO96/15277)  
[30] JP (6-275020) 1994-11-09

[11] **2,181,243**  
[13] C

[51] **Int.Cl. 6G06F 13/14**  
[25] EN  
[54] **COMMUNICATIONS ARCHITECTURE AND BUFFER FOR DISTRIBUTING INFORMATION SERVICES**  
[54] **ARCHITECTURE DE COMMUNICATION ET MEMOIRE INTERMEDIAIRE PERMETTANT LA DISTRIBUTION DE SERVICES INFORMATIQUES**  
[72] Gelman, Alexander, US  
[72] Kobrinski, Haim, US  
[72] Smoot, Lanny Starkes, US  
[72] Weinstein, Stephen Brant, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 1996-07-15  
[86] 1994-02-02 (PCT/US94/01219)  
[87] (WO95/21414)

[11] **2,181,408**  
[13] C

[51] **Int.Cl. 6F16B 13/04 6B62D 27/06**  
[25] EN  
[54] **APERTURE HELD CLIP TYPE FASTENER**  
[54] **FIXATION DE TYPE AGRAFE MAINTENUE PAR UNE OUVERTURE**  
[72] De Beers, James E., US  
[72] Shereyk, David A., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1996-07-17  
[30] US (08/519,925) 1995-08-28

[11] **2,181,409**  
[13] C

[51] **Int.Cl. 6C21B 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING PIG IRON BY SMELTING REDUCTION AND METHOD OF OBTAINING SUCH A PLANT**  
[54] **METHODE ET APPAREIL DE PRODUCTION DE FONTE UTILISANT UN PROCEDE DE REDUCTION PAR FUSION; METHODE PERMETTANT D'OBTENIR UNE INSTALLATION DE PRODUCTION**  
[72] Den Hartog, Huibert Willem, NL  
[73] HOOGOVENS STAAL BV, NL  
[22] 1996-07-17  
[30] NL (NL-1000838) 1995-07-19

[11] **2,181,851**  
[13] C

[51] **Int.Cl. 6B62D 17/00**  
[25] EN  
[54] **WORK VEHICLE**  
[54] **VEHICULE DE TRAVAIL**  
[72] Yamazaki, Nobuo, JP  
[72] Sasaoka, Masayuki, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1996-07-23  
[30] JP (7-274601) 1995-10-23

[11] **2,181,872**  
[13] C

[51] **Int.Cl. 6B60T 8/24 6B60T 13/66**  
[25] EN  
[54] **SELECTABLE GRADE AND UNIFORM NET SHOE FORCE BRAKING FOR RAILWAY FREIGHT VEHICLE**  
[54] **SYSTEME DE FREINAGE POUR WAGONS DE MARCHANDISES, DONT L'EFFORT DE FREINAGE EXERCE SUR LES ROUES EST REGLE ET UNIFORME EN FONCTION DE LA PENTE A FRANCHIR**  
[72] Hart, James E., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1996-07-23  
[30] US (08/597,277) 1996-02-06  
[30] US (08/630,075) 1996-04-15

[11] **2,181,977**  
[13] C

[51] **Int.Cl. 6B60T 17/04**  
[25] EN  
[54] **RAILWAY BRAKE PIPE BRACKET WITH ACCESS PORTS**  
[54] **SUPPORT DE CANALISATION DE FREIN DE WAGON FERROVIAIRE AVEC ORIFICES D'ACCES**  
[72] Hart, James E., US  
[72] Sich, Gary M., US  
[72] Johnston, Gregory L., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1996-07-24  
[30] US (08/547,929) 1995-10-25

[11] **2,181,990**  
[13] C

[51] **Int.Cl. 6A61K 9/20**  
[25] EN  
[54] **RAPIDLY DISSOLVING ORAL DOSAGE FORM**  
[54] **FORME DE DOSAGE ORALE A DISSOLUTION RAPIDE**  
[72] Allen, Loyd V., Jr., US  
[72] Davies, John Desmond, US  
[72] Wang, Bingnan, US  
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US  
[73] Janssen Pharmaceutica, Inc., US  
[85] 1996-07-24  
[86] 1995-01-24 (PCT/US95/00922)  
[87] (WO95/20377)  
[30] US (187,670) 1994-01-27  
[30] US (191,237) 1994-02-03

[11] **2,182,245**  
[13] C

[51] **Int.Cl. 6C30B 29/04**  
[25] EN  
[54] **PROCESS FOR DEPOSITING ADHERENT DIAMOND THIN FILMS**  
[54] **PROCEDE DE DEPOSITION D'UNE COUCHE DE DIAMANT, MINCE ET ADHESIVE**  
[72] Ulczynski, Michael J., US  
[72] Reinhard, Donnie K., US  
[72] Asmussen, Jes, US  
[73] BOARD OF TRUSTEES, A CONSTITUTIONAL CORPORATION OPERATING MICHIGAN STATE, US  
[22] 1996-07-29

Canadian Patents Issued  
September 26, 2000

[11] 2,182,247  
[13] C

[51] Int.Cl. 6C23C 16/04 6C30B 29/04  
[25] EN  
[54] APPARATUS AND METHOD FOR TREATMENT OF SUBSTRATE SURFACE USING PLASMA FOCUSED BELOW ORIFICE LEADING FROM CHAMBER INTO SUBSTRATE CONTAINING AREA  
[54] APPAREIL ET METHODE POUR LE TRAITEMENT D'UN SUBSTRAT PAR LE BIAIS DU PLASMA DIRIGE AU-DESSOUS DE L'OUVERTURE MENANT DE LA CHAMBRE VERS L'EMPLACEMENT DU SUBSTRAT  
[72] Zhang, Jie, US  
[72] Asmussen, Jes, US  
[73] BOARD OF TRUSTEES, A CONSTITUTIONAL CORPORATION OPERATING MICHIGAN STATE, US  
[22] 1996-07-29

[11] 2,182,462  
[13] C

[51] Int.Cl. 6B60T 15/18  
[25] EN  
[54] RAILWAY BRAKE VALVE ASSEMBLY  
[54] ROBINET DE FREINAGE DE VEHICULE FERROVIAIRE  
[72] Kurtz, Ronald C., US  
[72] Griffin, Scott N., US  
[72] Brillant, Daniel, US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1996-07-31  
[30] US (08/642,954) 1996-05-06

[11] 2,183,192  
[13] C

[51] Int.Cl. 6B22D 17/20 6B22D 17/00  
[25] EN  
[54] SELF-CONTAINED UNITIZED LUBRICANT DELIVERY APPARATUS  
[54] DISTRIBUTEUR AUTONOME DE LUBRIFIANT EN CAPSULES  
[72] Freeman, Lewis Gene, US  
[73] Freeman, Lewis Gene, US  
[22] 1996-08-13  
[30] US (08/567,423) 1995-12-05

[11] 2,184,807  
[13] C

[51] Int.Cl. 6G06K 9/62  
[25] EN  
[54] METHOD AND APPARATUS FOR CURRENCY DISCRIMINATION  
[54] METHODE ET MATERIEL POUR DISCRIMINER ENTRE BILLETS DE BANQUE  
[72] Graves, Bradford T., US  
[72] Munro, Mark C., US  
[72] Mazur, Richard A., US  
[72] Mennie, Douglas U., US  
[72] Jones, William J., US  
[72] Raterman, Donald E., US  
[72] Stromme, Lars R., US  
[72] Bauch, Aron M., US  
[72] Csulits, Frank M., US  
[72] Jones, John E., US  
[72] Schreiter, Heinz W., US  
[73] Cummins-Allison Corp., US  
[85] 1996-09-04  
[86] 1995-03-08 (PCT/US95/02992)

[87] (WO95/24691)  
[30] US (08/207,592) 1994-03-08  
[30] US (08/340,031) 1994-11-14  
[30] US (08/362,848) 1994-12-22  
[30] US (08/394,752) 1995-02-27  
[30] US (08/399,854) 1995-03-07  
[30] US (08/243,807) 1994-05-16  
[30] US (08/287,882) 1994-08-09  
[30] US (08/317,349) 1994-10-04  
[30] US (08/226,660) 1994-04-12  
[30] US (08/219,093) 1994-03-29

[11] 2,184,891  
[13] C

[51] Int.Cl. 6C07F 9/547 6C07F 9/58 6C07F 9/6512 6A61K 31/675  
[25] EN  
[54] PHOSPHONIC DIESTER DERIVATIVE  
[54] DERIVES DE DIESTER D'ACIDE PHOSPHONIQUE  
[72] Sato, Keigo, JP  
[72] Kuroki, Yasuhisa, JP  
[72] Miyata, Kazuyoshi, JP  
[72] Tsuda, Yoshihiko, JP  
[72] Inoue, Yasuhide, JP  
[72] Kanaya, Jun, JP  
[73] OTSUKA PHARMACEUTICAL FACTORY, INC., JP  
[85] 1996-09-05  
[86] 1995-02-27 (PCT/JP95/00303)  
[87] (WO95/24410)  
[30] JP (6/37361) 1994-03-08  
[30] JP (6/251484) 1994-09-19  
[30] JP (6/126526) 1994-06-08

[11] 2,185,132  
[13] C

[51] Int.Cl. 6H04B 10/145 6H04B 7/00  
[25] EN  
[54] GENERATION OF RADIO FREQUENCY MODULATED OPTICAL RADIATION  
[54] PRODUCTION D'UN RAYONNEMENT OPTIQUE MODULE PAR RADIOFREQUENCES  
[72] Wake, David, GB  
[72] Moodie, David Graham, GB  
[72] Nettet, Derek, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1996-09-09  
[86] 1995-03-17 (PCT/GB95/00589)  
[87] (WO95/27346)  
[30] WO (PCT/GB94/00675) 1994-03-30  
[30] EP (94305661.4) 1994-07-29

[11] 2,185,772  
[13] C

[51] Int.Cl. 6F16H 25/20 6F16K 31/50  
[25] EN  
[54] SPINDLE NUT/THREADED SPINDLE DEVICE  
[54] ECROU D'AXE ET AXE FILETE  
[72] Heinen, Hartwig, DE  
[73] HONEYWELL AG, DE  
[22] 1996-09-17  
[30] DE (195 35 051.0) 1995-09-21

[11] 2,187,844  
[13] C

[51] Int.Cl. 6G01F 23/296  
[25] EN  
[54] DEVICE FOR MONITORING A PREDETERMINED LEVEL OF A LIQUID IN A CONTAINER  
[54] DISPOSITIF DE DETECTION D'UN NIVEAU PREDETERMINE DE LIQUIDE DANS UN CONTENANT  
[72] Getman, Igor, DE  
[72] Lopatin, Sergej, DE  
[72] Müller, Roland, DE  
[73] ENDRESS + HAUSER GMBH + CO., DE  
[22] 1996-10-15  
[30] DE (195 38 680.9) 1995-10-17

**Brevets canadiens délivrés  
26 septembre 2000**

---

[11] **2,187,846**  
[13] C

[51] **Int.Cl. 6G01F 23/296**  
[25] EN  
[54] **DEVICE FOR MONITORING A  
PREDETERMINED LEVEL OF A  
LIQUID IN A CONTAINER**  
[54] **DISPOSITIF DE DETECTION D'UN  
NIVEAU PREDETERMINE DE LIQUIDE  
DANS UN CONTENANT**  
[72] Müller, Roland, DE  
[72] Maier, Winfried, DE  
[72] Schwald, Rolf, DE  
[73] ENDRESS + HAUSER GMBH + CO.,  
DE  
[22] 1996-10-15  
[30] DE (195 38 677.9) 1995-10-17

---

[11] **2,188,033**  
[13] C

[51] **Int.Cl. 6G11C 16/06**  
[25] FR  
[54] **PROCEDE DE MISE A JOUR  
SECURISEE DE MEMOIRE EEPROM**  
[54] **METHOD FOR THE SECURE  
UPDATING OF AN EEPROM MEMORY**  
[72] Laget, Anne, FR  
[72] Valade, Jean-Marie, FR  
[73] GEMPLUS, FR  
[85] 1996-10-16  
[86] 1996-02-15 (PCT/FR96/00247)  
[87] (WO96/25743)  
[30] FR (95/01791) 1995-02-16

---

[11] **2,190,011**  
[13] C

[51] **Int.Cl. 6A61K 38/16**  
[25] EN  
[54] **METHOD FOR REDUCTION OF  
HEADACHE PAIN**  
[54] **PROCEDE DE REDUCTION DES  
MAUX DE TETE**  
[72] Binder, William J., US  
[73] Binder, William J., US  
[85] 1996-11-08  
[86] 1995-05-02 (PCT/US95/05422)  
[87] (WO95/30431)  
[30] US (08/240,973) 1994-05-09  
[30] US (08/343,331) 1994-11-21

---

---

[11] **2,191,011**  
[13] C

[51] **Int.Cl. 6H04L 7/10**  
[25] EN  
[54] **DIGITAL RADIO  
COMMUNICATIONS RECEIVER**  
[54] **RECEPTEUR DE  
RADIOCOMMUNICATION  
NUMERIQUE**  
[72] Doi, Masayuki, JP  
[72] Shoji, Takanori, JP  
[72] Nagashima, Yasuyuki, JP  
[73] MITSUBISHI DENKI KABUSHIKI  
KAISHA, JP  
[22] 1996-11-22  
[30] JP (8-056297) 1996-03-13

---

[11] **2,192,516**  
[13] C

[51] **Int.Cl. 6H04L 7/04**  
[25] EN  
[54] **DIGITAL RADIO  
COMMUNICATIONS RECEIVER**  
[54] **RECEPTEUR DE  
RADIOCOMMUNICATION  
NUMERIQUE**  
[72] Shoji, Takanori, JP  
[72] Nagashima, Yasuyuki, JP  
[72] Doi, Masayuki, JP  
[73] MITSUBISHI DENKI KABUSHIKI  
KAISHA, JP  
[22] 1996-12-10  
[30] JP (8-055015) 1996-03-12

---

[11] **2,192,613**  
[13] C

[51] **Int.Cl. 6H01Q 1/12**  
[25] EN  
[54] **EXPANDABLE COLUMN  
POSITIONING MECHANISM**  
[54] **MECANISME DE  
POSITIONNEMENT DE COLONNE,  
AVEC POSSIBILITE D'EXTENSION**  
[72] Matsumoto, Tadashi, JP  
[73] MITSUBISHI DENKI KABUSHIKI  
KAISHA, JP  
[22] 1996-12-11  
[30] JP (8-101374) 1996-04-23

---

---

[11] **2,193,427**  
[13] C

[51] **Int.Cl. 6A01G 1/08 6A01G 25/02  
6B05B 1/20**  
[25] EN  
[54] **EDGING SPRINKLER SYSTEM**  
[54] **BORDURE ARROSEUSE**  
[72] Ryan, Bell, CA  
[73] Ryan, Bell, CA  
[22] 1996-12-19

---

[11] **2,194,050**  
[13] C

[51] **Int.Cl. 6B05C 17/01**  
[25] EN  
[54] **CAULK GUN FOR RAPIDLY  
ENDING THE FLOW OF CAULK**  
[54] **PISTOLET D'APPLICATION D'UN  
PRODUIT DE CALFEUTRAGE ET  
ARRETANT RAPIDEMENT  
L'ECOULEMENT DU PRODUIT**  
[72] Dentler, Christopher G., US  
[73] Z-PRO INTERNATIONAL, INC., US  
[85] 1996-12-27  
[86] 1995-06-28 (PCT/US95/08115)  
[87] (WO96/00695)  
[30] US (08/269,063) 1994-06-30

---

[11] **2,194,412**  
[13] C

[51] **Int.Cl. 6G06F 3/02**  
[25] EN  
[54] **ANALOG KEYBOARD OF A VIDEO  
DISPLAY APPLIANCE**  
[54] **CLAVIER ANALOGIQUE D'UN  
APPAREIL D'AFFICHAGE VIDEO**  
[72] Jun, Jin IL, KR  
[73] LG ELECTRONICS INC., KR  
[22] 1997-01-06  
[30] KR (P96-658) 1996-01-15

---

[11] **2,195,743**  
[13] C

[51] **Int.Cl. 6A61B 5/14**  
[25] EN  
[54] **BLOOD SPECIMEN COLLECTOR**  
[54] **DISPOSITIF DE PRELEVEMENT  
DE SANG**  
[72] Sesekura, Tetsuya, JP  
[73] Kabushiki Kaisya Advance, JP  
[85] 1997-01-22  
[86] 1996-05-22 (PCT/JP96/01354)  
[87] (WO96/37148)  
[30] JP (7/149680) 1995-05-25  
[30] JP (7/149681) 1995-05-25

Canadian Patents Issued  
September 26, 2000

[11] **2,196,292**  
[13] C  
[51] **Int.Cl. 6A23F 3/16 6A23L 2/38 6A23L 2/56 6A23L 2/58**  
[25] EN  
[54] **COLOR STABLE COMPOSITION CONTAINING TEA AND FRUIT JUICE**  
[54] **COMPOSITION STABLE DU POINT DE VUE DE LA COULEUR CONTENANT DU THE ET DU JUS DE FRUITS**  
[72] KIRKSEY, Sanford Theodore, US  
[72] EKANAYAKE, Athula, US  
[72] PULTINAS, Edmund Paul Jr., US  
[72] JONES, Judith Ann, US  
[72] STRADLING, Richard Fiske Jr., US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-01-29  
[86] 1995-07-21 (PCT/US95/09271)  
[87] (WO96/04801)  
[30] US (08/287,334) 1994-08-08

[11] **2,196,468**  
[13] C  
[51] **Int.Cl. 6G01R 23/02 6H04L 7/033 6H04B 1/18**  
[25] EN  
[54] **FREQUENCY ESTIMATING CIRCUIT AND AFC CIRCUIT USING THE SAME**  
[54] **CIRCUIT D'ESTIMATION DE FREQUENCE ET CIRCUIT DE COMMANDE DE FREQUENCE AUTOMATIQUE UTILISANT CE CIRCUIT**  
[72] Sogabe, Yasushi, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1997-01-31  
[30] JP (8-17673) 1996-02-02

[11] **2,196,753**  
[13] C  
[51] **Int.Cl. 6G05D 9/12 6F01M 11/12**  
[25] EN  
[54] **ELECTROMECHANICAL OIL LEVEL REGULATOR**  
[54] **REGULATEUR ELECTROMECHANIQUE DE NIVEAU D'HUILE**  
[72] Westermeyer, Gary W., US  
[73] AC & R COMPONENTS, INC., US  
[85] 1997-02-04  
[86] 1995-12-20 (PCT/US95/16639)  
[87] (WO96/21802)  
[30] US (08/371,279) 1995-01-11

[11] **2,198,091**  
[13] C  
[51] **Int.Cl. 6A47B 88/00**  
[25] EN  
[54] **FURNITURE DRAWER CONSTRUCTION**  
[54] **CONSTRUCTION D'UN TIROIR DE MEUBLE**  
[72] DOUD, Galen C., US  
[72] STEINBECK, Linn A., US  
[73] HON INDUSTRIES INC., US  
[85] 1997-02-20  
[86] 1996-06-24 (PCT/US96/10871)  
[87] (WO97/00632)  
[30] US (08/493,919) 1995-06-23

[11] **2,198,278**  
[13] C  
[51] **Int.Cl. 6B26D 1/62**  
[25] EN  
[54] **CUTTING RULE AND METHOD OF CUTTING CORRUGATED BOARD**  
[54] **REGLE DE COUPE ET METHODE POUR COUPER LE CARTON ONDULE**  
[72] Schickling, Robert A., US  
[73] Schickling, Robert A., US  
[85] 1997-02-21  
[86] 1995-06-19 (PCT/US95/07737)  
[87] (WO96/05951)  
[30] US (294,914) 1994-08-24

[11] **2,198,866**  
[13] C  
[51] **Int.Cl. 6E06B 9/00 6E06B 5/00 6E06B 9/01 6E06B 5/11 6E06B 9/52**  
[25] EN  
[54] **AN INTRUDER RESISTANT SCREEN**  
[54] **ECRAN ANTI-EFFRACTION**  
[72] PEPPERELL, John Charles, AU  
[72] WATERMAN, Norman Cecil, AU  
[73] PEPPERELL, John Charles, AU  
[73] WATERMAN, Norman Cecil, AU  
[85] 1997-02-28  
[86] 1995-06-08 (PCT/AU95/00337)  
[87] (WO96/07006)  
[30] AU (71528/94) 1994-08-30

[11] **2,198,963**  
[13] C  
[51] **Int.Cl. 6H01P 7/10**  
[25] EN  
[54] **DIELECTRIC INTEGRATED NONRADIATIVE DIELECTRIC WAVEGUIDE SUPERCONDUCTING BANDPASS**  
[54] **FILTRE PASSE-BANDE SUPRACONDUCTEUR A GUIDES D'ONDES DIELECTRIQUES NON RAYONNANTES INTEGRES A UN DIELECTRIQUE**  
[72] MATSUI, Norifumi, JP  
[72] ISHIKAWA, Yohei, JP  
[72] HIDAKA, Seiji, JP  
[73] MURATA MANUFACTURING CO., LTD., JP  
[22] 1997-03-03  
[30] JP (8-44990) 1996-03-01

[11] **2,200,069**  
[13] C  
[51] **Int.Cl. 6C07K 14/47 6C07K 7/06 6A61K 38/08 6C07K 7/08 6A61K 38/10 6A61L 2/16 6A61K 38/17**  
[25] EN  
[54] **ANTI-FUNGAL PEPTIDES**  
[54] **PEPTIDES ANTIFONGIQUES**  
[72] LITTLE, Roger G., II, US  
[72] LIM, Edward, US  
[72] FADEM, Mitchell B., US  
[73] XOMA CORPORATION, US  
[85] 1997-03-14  
[86] 1995-07-20 (PCT/US95/09262)  
[87] (WO96/08509)  
[30] US (08/306,473) 1994-09-15  
[30] US (08/372,105) 1995-01-13

[11] **2,200,073**  
[13] C  
[51] **Int.Cl. 6A01J 7/02**  
[25] EN  
[54] **DEVICE FOR CLEANING MILKING CUPS**  
[54] **DISPOSITIF DE NETTOYAGE DE GOBELETS TRAYEURS**  
[72] LAUB-MAIER, Maria, DE  
[72] MAIER, Jakob jun, DE  
[73] JAKOB MAIER, DE  
[85] 1997-03-14  
[86] 1995-09-13 (PCT/EP95/03608)  
[87] (WO96/08137)  
[30] DE (P 44 32 754.4) 1994-09-14

**Brevets canadiens délivrés  
26 septembre 2000**

[11] **2,201,433**  
[13] C

[51] **Int.Cl. 6F24D 17/02 6F24D 19/10**  
[25] EN  
[54] **MICROPROCESSOR CONTROL FOR A HEAT PUMP WATER HEATER**  
[54] **COMMANDE PAR MICROPROCESSEUR D'UN CHAUFFE-EAU FONCTIONNANT AU MOYEN D'UNE POMPE A CHALEUR**  
[72] MANN, Christopher C., US  
[72] ZEPLIN, R. Todd, US  
[72] BROWN, Robert R., US  
[73] WATERFURNACE INTERNATIONAL, INC., US  
[22] 1997-04-01  
[30] US (60/014,417) 1996-03-29  
[30] US (08/827,301) 1997-03-28

[11] **2,202,022**  
[13] C

[51] **Int.Cl. 6F02B 67/00 6B60H 1/03**  
[25] EN  
[54] **"METHOD AND APPARATUS FOR CONTROLLING OPERATION OF AUXILIARY HEATING SYSTEM OF VEHICLE"**  
[54] **METHODE ET APPAREIL COMMANDANT LE FONCTIONNEMENT D'UN APPAREIL DE CHAUFFAGE AUXILIAIRE D'UN VEHICULE**  
[72] BAN, Takashi, JP  
[73] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[73] DENSO CORPORATION, JP  
[22] 1997-04-07  
[30] JP (8-085406) 1996-04-08

[11] **2,202,288**  
[13] C

[51] **Int.Cl. 6G02B 7/28 6G11B 7/00 6B29D 11/00 6G11B 7/135**  
[25] EN  
[54] **LENS DEVICE AND AN OPTICAL PICKUP APPARATUS USING THE LENS DEVICE**  
[54] **DISPOSITIF A LENTILLE ET CAPTEUR OPTIQUE METTANT EN OEUVRE CE DISPOSITIF**  
[72] LEE, Chul-woo, KR  
[72] SHIN, Dong-ho, KR  
[72] RIM, Kyung-hwa, KR  
[72] YOO, Jang-hoon, KR  
[72] SEONG, Pyong-yong, KR  
[72] LEE, Yong-hoon, KR  
[72] CHO, Kun-ho, KR  
[72] CHUNG, Chong-sam, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1997-04-09  
[86] 1996-08-28 (PCT/KR96/00150)  
[87] (WO97/08691)  
[30] KR (95-27715) 1995-08-30  
[30] KR (95-31679) 1995-09-25  
[30] KR (95-33914) 1995-10-04  
[30] KR (96-1605) 1996-01-25  
[30] KR (96-3605) 1996-02-14  
[30] US (08/640,474) 1996-05-01  
[30] US (08/640,553) 1996-05-01

[11] **2,202,867**  
[13] C

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **KNOWLEDGE REPRESENTATION IN A NETWORK DATABASE SYSTEM**  
[54] **REPRESENTATION DES CONNAISSANCES DANS UN SYSTEME DE BASE DE DONNEES EN RESEAU**  
[72] NOYES, Dallas B., US  
[73] NOYES, Dallas B., US  
[85] 1997-04-16  
[86] 1995-08-08 (PCT/US95/10077)  
[87] (WO96/12236)  
[30] US (08/323,881) 1994-10-17

[11] **2,204,045**  
[13] C

[51] **Int.Cl. 6H04L 27/22**  
[25] EN  
[54] **FREQUENCY CONVERTER CIRCUIT**  
[54] **CIRCUIT DE CONVERSION DE FREQUENCE**  
[72] KOJIMA, Toshiharu, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1992-12-24  
[62] 2,086,279  
[30] JP (3-347245) 1991-12-27  
[30] JP (4-053583) 1992-03-12  
[30] JP (4-067124) 1992-03-25

[11] **2,204,046**  
[13] C

[51] **Int.Cl. 6H04L 27/22**  
[25] EN  
[54] **DIFFERENTIAL DETECTION DEMODULATOR AND PHASE COMPARATOR THEREFOR**  
[54] **DEMULATEUR DE DETECTION DIFFERENTIEL ET COMPAREUR DE PHASE CONNEXE**  
[72] KOJIMA, Toshiharu, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1992-12-24  
[62] 2,086,279  
[30] JP (3-347245) 1991-12-27  
[30] JP (4-053583) 1992-03-12  
[30] JP (4-067124) 1992-03-25

[11] **2,205,421**  
[13] C

[51] **Int.Cl. 6H04L 12/26**  
[25] EN  
[54] **FAULT MONITORING**  
[54] **DETECTION DE DEFAILLANCES**  
[72] DOWDEN, Antoinette, GB  
[72] EDWARDS, Michael John, GB  
[72] O'MALLEY, Michael, GB  
[72] CHAPMAN, Steven John, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1997-05-15  
[86] 1995-12-22 (PCT/GB95/03025)  
[87] (WO96/20549)  
[30] EP (94309760.0) 1994-12-23

Canadian Patents Issued  
September 26, 2000

[11] 2,205,611  
[13] C

[51] Int.Cl. 6H04B 10/207  
[25] EN  
[54] OPTICAL NETWORK  
[54] RESEAU OPTIQUE  
[72] QUAYLE, John Alan, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1997-05-15  
[86] 1995-11-22 (PCT/GB95/02754)  
[87] (WO96/16490)  
[30] EP (94308676.9) 1994-11-22

[11] 2,205,903  
[13] C

[51] Int.Cl. 6D04H 1/70  
[25] EN  
[54] AIR LAYING FORMING STATION  
WITH BAFFLE MEMBER FOR  
PRODUCING NONWOVEN  
MATERIALS  
[54] STATION DE FORMATION PAR  
VOIE PNEUMATIQUE A DEFLECTEUR  
POUR LA PRODUCTION DE NON-  
TISSES  
[72] RICHARDS, Mark Ryan, US  
[72] KRAUTTER, Edward Herman, US  
[72] NOEL, John Richard, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-05-22  
[86] 1995-07-21 (PCT/US95/09270)  
[87] (WO96/17986)  
[30] US (08/353,650) 1994-12-08

[11] 2,206,659  
[13] C

[51] Int.Cl. 6H01P 1/207  
[25] EN  
[54] ELECTROMAGNETIC RESONANT  
FILTER  
[54] FILTRE RESONANT  
ELECTROMAGNETIQUE  
[72] PETERS, James Michael, US  
[72] LITHGOW, Robert D., US  
[73] ILLINOIS SUPERCONDUCTOR  
CORPORATION, US  
[85] 1997-06-02  
[86] 1995-11-30 (PCT/US95/15594)  
[87] (WO96/17398)  
[30] US (08/349,060) 1994-12-02

[11] 2,206,781  
[13] C

[51] Int.Cl. 6F02P 15/00  
[25] EN  
[54] APPARATUS AND METHOD FOR  
PROVIDING IGNITION TO A TURBINE  
ENGINE  
[54] APPAREIL ET METHODE  
D'ALLUMAGE POUR MOTEUR A  
TURBINE  
[72] FRUS, John, US  
[73] Unison Industries, Inc., US  
[22] 1989-11-02  
[62] 2,109,792  
[30] US (271,723) 1988-11-15

[11] 2,210,536  
[13] C

[51] Int.Cl. 6G02F 1/35 6H04J 14/00  
[25] EN  
[54] OPTICAL SWITCH  
[54] COMMUTATEUR OPTIQUE  
[72] MANNING, Robert John, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1997-07-15  
[86] 1996-01-16 (PCT/GB96/00072)  
[87] (WO96/22562)  
[30] GB (9501025.2) 1995-01-19  
[30] EP (95301366.1) 1995-03-03

[11] 2,210,628  
[13] C

[51] Int.Cl. 6E05B 15/10  
[25] EN  
[54] IMPROVED LENGTH-  
ADJUSTABLE BOLT  
[54] BOULON A LONGUEUR  
REGLABLE AMELIORE  
[72] ARAMBURU, Luis Angel Ruano, ES  
[73] Talleres De Escoriaza, S.A., ES  
[22] 1997-07-14  
[30] ES (9601647) 1996-07-24

[11] 2,212,717  
[13] C

[51] Int.Cl. 6B66F 15/00 6B25C 11/00  
6E04F 21/00  
[25] EN  
[54] PANEL LIFTER PRY BAR  
[54] BARRE-LEVIER  
[72] HREHA, Kenneth W., US  
[73] The Stanley Works, US  
[22] 1997-08-11  
[30] US (08/702,935) 1996-08-28

[11] 2,213,171  
[13] C

[51] Int.Cl. 6B01J 20/34 6B01J 38/02  
6B01J 23/06  
[25] EN  
[54] PROCESS TO REJUVENATE  
SPENT SORBENTS  
[54] METHODE POUR REGENERER  
DES SORBANTS USES  
[72] KHARE, Gyanesh P., US  
[73] PHILLIPS PETROLEUM COMPANY,  
US  
[22] 1997-08-14  
[30] US (08/702,426) 1997-08-14

[11] 2,213,805  
[13] C

[51] Int.Cl. 6A42B 3/22  
[25] EN  
[54] FACE SHIELD FOR HELMET  
[54] ECRAN FACIAL DE CASQUE  
[72] PARK, Soo An, KR  
[73] KOREA OGGK CO., LTD., KR  
[22] 1997-08-25

[11] 2,214,496  
[13] C

[51] Int.Cl. 6B32B 5/18 6B32B 9/02 6F41H  
3/02 6B32B 27/04  
[25] EN  
[54] INFRARED REFLECTIVE  
COVERINGS  
[54] REVETEMENTS REFLECHISSANT  
LES INFRAROUGES  
[72] CULLER, Gregory D., US  
[73] W.L. Gore & Associates, Inc., US  
[85] 1997-09-02  
[86] 1995-10-12 (PCT/US95/12723)  
[87] (WO96/32252)  
[30] US (08/419,777) 1995-04-11

**Brevets canadiens délivrés  
26 septembre 2000**

---

[11] **2,217,538**  
[13] C

[51] **Int.Cl. 6A61B 17/39**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR ABLATING BODY TISSUE USING PREDICTED MAXIMUM TISSUE TEMPERATURE**  
[54] **SYSTEMES ET PROCEDES D'ABLATION DE TISSUS CORPORELS GRACE A UNE TEMPERATURE DE TISSUS MAXIMALE**  
[72] PANESCU, Dorin, US  
[72] SWANSON, David K., US  
[72] FLEISCHMAN, Sidney D., US  
[73] EP TECHNOLOGIES, INC., US  
[85] 1997-10-06  
[86] 1996-04-30 (PCT/US96/05978)  
[87] (WO96/34569)  
[30] US (08/431,775) 1995-05-01

---

[11] **2,219,393**  
[13] C

[51] **Int.Cl. 6H04B 7/005 6H04Q 7/22**  
[25] EN  
[54] **TAP SELECTABLE DECISION FEEDBACK EQUALIZER**  
[54] **EGALISEUR A DECISION RETROACTIVE ET A SELECTION DE PRISES**  
[72] SOLLENBERGER, Nelson Ray, US  
[72] ARIYAVISITAKUL, Sirikiat, US  
[73] AT&T CORP., US  
[22] 1997-10-27  
[30] US (777,335) 1996-12-27

---

[11] **2,220,560**  
[13] C

[51] **Int.Cl. 6B23K 9/095**  
[25] EN  
[54] **INSPECTION AND CONTROL OF TITANIUM WELDS**  
[54] **INSPECTION ET CONTROLE DE SOUDURES DE TITANE**  
[72] PETERSON, David, US  
[72] GIBSON, Daniel H., US  
[72] BERBAKOV, Paul J., US  
[73] MCDERMOTT TECHNOLOGY, INC., US  
[22] 1997-11-07  
[30] US (08/747,096) 1996-11-08

---

---

[11] **2,222,474**  
[13] C

[51] **Int.Cl. 6B23K 13/01 6B23K 13/02**  
[25] EN  
[54] **INDUCTION WELDING OF TUBING WITH MULTIPLE INDUCTION COILS**  
[54] **SOUDAGE DE TUBES PAR INDUCTION A BOBINES D'INDUCTION MULTIPLES**  
[72] RUDD, Wallace C., US  
[73] THERMATOOL CORP., US  
[85] 1997-11-26  
[86] 1996-05-21 (PCT/US96/07338)  
[87] (WO96/39789)  
[30] US (08/464,299) 1995-06-05

---

[11] **2,222,540**  
[13] C

[51] **Int.Cl. 6E06B 9/32**  
[25] EN  
[54] **OPERATING DEVICE FOR A VENETIAN BLIND TO CONTROL RAISING AND LOWERING OF THE SLATS AND TO ADJUST TILTING ANGLE OF THE SLATS**  
[54] **DISPOSITIF D'OUVERTURE ET DE FERMETURE DES LAMES DE STORE VENITIEN, ET POUR L'AJUSTEMENT DE L'ATTITUDE DES LAMES**  
[72] HUANG, Tai-Long, TW  
[73] HUANG, Tai-Long, TW  
[22] 1997-11-27

---

[11] **2,222,809**  
[13] C

[51] **Int.Cl. 6H01F 27/30**  
[25] EN  
[54] **HIGH VOLTAGE ISOLATING TRANSFORMER MODULE**  
[54] **MODULE DE TRANSFORMATEUR POUR L'ISOLATION DE LA HAUTE TENSION**  
[72] SINITSYNA, Irina Z., US  
[72] KRICHTAFOVITCH, Igor A., US  
[73] INTERNATIONAL POWER GROUP, INC., US  
[85] 1997-11-28  
[86] 1996-05-31 (PCT/US96/08147)  
[87] (WO96/38849)  
[30] US (08/460,072) 1995-06-02

---

---

[11] **2,224,448**  
[13] C

[51] **Int.Cl. 6B06B 1/18 6A61C 17/16**  
[25] EN  
[54] **DENTAL SCALER AND VIBRATORY TRANSDUCER THEREFOR**  
[54] **DETARTREUR DENTAIRE ET TRANSDUCTEUR DE VIBRATIONS CORRESPONDANT**  
[72] SERTICH, Anthony T., US  
[73] GANIMA LIMITED PARTNERSHIP, US  
[22] 1997-12-11  
[30] US (08/766,674) 1996-12-13  
[30] US (08/970,687) 1997-11-14

---

[11] **2,225,140**  
[13] C

[51] **Int.Cl. 6E01F 15/00**  
[25] EN  
[54] **TRAFFIC MARKER WITH CAR TIRE BASE**  
[54] **SIGNAL ROUTIER DONT LA BASE EST CONSTITUEE DE PNEUS DE VOITURE**  
[72] BRAVERMAN, Josef J., CA  
[73] BRAVERMAN, Josef J., CA  
[22] 1997-12-17  
[30] US (08/771,694) 1996-12-23

---

[11] **2,225,307**  
[13] C

[51] **Int.Cl. 6G03G 15/08 6G03G 21/18**  
[25] EN  
[54] **TONER CARTRIDGE WITH HOPPER EXIT AGITATOR**  
[54] **CARTOUCHE DE TONER AVEC AGITATEUR DE SORTIE DE TREMIE**  
[72] CAMPBELL, Alan Stirling, US  
[72] MEECE, Kermit Arnold, US  
[72] REAM, Gregory Lawrence, US  
[73] LEXMARK INTERNATIONAL, INC., US  
[22] 1997-12-19  
[30] US (08/770,328) 1996-12-20

---

[11] **2,225,900**  
[13] C

[51] **Int.Cl. 6B02C 9/00**  
[25] EN  
[54] **PAPER SHREDDING ASSEMBLY**  
[54] **DECHIQUETEUSE A PAPIER**  
[72] RAJEWSKI, Robert C., CA  
[73] RAJEWSKI, Robert C., CA  
[22] 1997-12-24



Canadian Patents Issued  
September 26, 2000

---

[11] \* 2,233,047  
[13] C  
[51] Int.Cl. 6H04N 7/00 6H04N 5/00  
6H04N 7/18  
[25] EN  
[54] WEARABLE CAMERA SYSTEM  
WITH VIEWFINDER MEANS  
[54] SYSTEME DE CAMERA  
PORTABLE AVEC VISEUR  
[72] MANN, Steve, CA  
[73] MANN, Steve, CA  
[22] 1998-03-25  
[30] CA (2,228,403) 1998-02-02

---

[11] 2,235,555  
[13] C  
[51] Int.Cl. 6E21B 19/15  
[25] EN  
[54] MOBILE MULTI-FUNCTION RIG  
[54] PLATE-FORME DE FORAGE  
MOBILE MULTIFONCTIONS  
[72] ANDREYCHUK, Mark T., CA  
[73] CANCOIL TECHNOLOGY  
CORPORATION, CA  
[22] 1998-04-21  
[30] US (09/002,375) 1998-01-02

---

[11] 2,238,299  
[13] C  
[51] Int.Cl. 6H03H 7/30 6H04L 27/06  
6H04L 27/14 6H04L 27/22  
[25] EN  
[54] A FILTER CO-PROCESSOR  
[54] COPROCESSEUR DE FILTRAGE  
[72] PISEK, Eran, IL  
[72] MANSOURI, Mack, US  
[72] KUNDMANN, Thomas, US  
[72] TARRAB, Moshe, IL  
[73] MOTOROLA, INC., US  
[85] 1998-05-22  
[86] 1997-07-08 (PCT/US97/11435)  
[87] (WO98/15056)  
[30] US (08/725,871) 1996-10-04

---

[11] 2,238,915  
[13] C  
[51] Int.Cl. 6H02J 9/06  
[25] EN  
[54] POWER CIRCUIT FOR  
TRANSFERRING ENERGY BY  
ALTERNATELY SWITCHING  
WINDING CIRCUITS OF A  
TRANSFORMER AT HIGH SPEED  
[54] CIRCUIT ELECTRIQUE  
PERMETTANT LE TRANSFERT  
D'ENERGIE PAR MISE EN CIRCUIT EN  
ALTERNANCE ET A VITESSE ELEVEE  
DES ENROULEMENTS D'UN  
TRANSFORMATEUR  
[72] HISANAGA, Koji, JP  
[73] NEC CORPORATION, JP  
[22] 1998-05-28  
[30] JP (9-138603) 1997-05-28

---

[11] 2,242,415  
[13] C  
[51] Int.Cl. 6G01P 15/09 6B60R 21/32  
[25] EN  
[54] ACCELERATION SENSOR  
[54] CAPTEUR D'ACCELERATION  
[72] TABOTA, Jun, JP  
[72] KAMI, Keiichi, JP  
[73] MURATA MANUFACTURING CO.,  
LTD., JP  
[22] 1998-07-07  
[30] JP (9-212163) 1997-08-06

---

[11] 2,246,171  
[13] C  
[51] Int.Cl. 6G07G 1/14 6H04L 29/02  
[25] EN  
[54] POINT-OF-SALE SYSTEM  
INCLUDING ISOLATION LAYER  
BETWEEN CLIENT AND SERVER  
SOFTWARE  
[54] SYSTEME DE POINT DE VENDE  
COMPORTANT UNE COUCHE  
D'ISOLEMENT ENTRE LE LOGICIEL  
CLIENT ET LE LOGICIEL SERVEUR  
[72] GOODWIN, John C., III, US  
[73] NCR CORPORATION, US  
[22] 1998-08-31  
[30] US (08/949,410) 1997-10-14

---

[11] 2,249,088  
[13] C  
[51] Int.Cl. 6G01R 31/28 6H01L 27/00  
6G01R 31/3181  
[25] EN  
[54] METHOD AND APPARATUS FOR  
HIGH-SPEED INTERCONNECT  
TESTING  
[54] METHODE ET APPAREIL D'ESSAI  
D'INTERCONNEXION A GRANDE  
VITESSE  
[72] COTE, JEAN-FRANCOIS, CA  
[72] NADEAU-DOSTIE, Benoit, CA  
[73] LOGICVISION, INC., CA  
[22] 1998-09-29  
[30] US (08/948,842) 1997-10-10

---

[11] 2,249,104  
[13] C  
[51] Int.Cl. 6A47K 1/04 6A61G 12/00  
6A61H 35/00  
[25] EN  
[54] SURGICAL WASHBASIN  
[54] LAVABO POUR CHIRURGIEN  
[72] MALOUF, Hanna, CA  
[73] MALOUF, Hanna, CA  
[22] 1998-10-09

---

[11] 2,253,769  
[13] C  
[51] Int.Cl. 6A61K 31/22 6A61K 9/20  
6A61K 9/48  
[25] EN  
[54] PHARMACEUTICAL  
COMPOSITIONS COMPRISING  
FENOFIBRATE  
[54] COMPOSES PHARMACEUTIQUES  
A BASE DE FENOFIBRATE  
[72] SHERMAN, Bernard Charles, CA  
[73] SHERMAN, Bernard Charles, CA  
[22] 1998-11-10

**Brevets canadiens délivrés  
26 septembre 2000**

---

[11] **2,268,710**  
[13] C

[51] **Int.Cl. 6C12N 9/99**  
[25] EN  
[54] **IMPROVED ENZYMATIC  
OXIDATION OF CEPH C TO  
GLUTARYL-7-AMINO  
CEPHALOSPORANIC ACID**  
[54] **OXIDATION ENZYMATIQUE  
AMELIORE DE CEPH C EN ACIDE  
GLUTARYL-7-AMINO  
CEPHALOSPORANIQUE**  
[72] VICENZI, Jeffrey Thomas, US  
[73] ELI LILLY AND COMPANY, US  
[22] 1990-07-16  
[62] 2,021,299  
[30] US (07/382,505) 1989-07-19

---

[11] **2,270,306**  
[13] C

[51] **Int.Cl. 6A61K 31/22 6A61K 9/16**  
[25] EN  
[54] **PHARMACEUTICAL  
COMPOSITIONS COMPRISING CO-  
MICRONIZED FENOFIBRATE**  
[54] **COMPOSITIONS  
PHARMACEUTIQUES COMPRENANT  
UN MELANGE DE FENOFIBRATE  
MICROFIN**  
[72] SHERMAN, Bernard Charles, CA  
[73] SHERMAN, Bernard Charles, CA  
[22] 1999-04-27

---

[11] **2,270,790**  
[13] C

[51] **Int.Cl. 6B23Q 3/02**  
[25] EN  
[54] **ADJUSTMENT MECHANISM**  
[54] **MECANISME D'AJUSTEMENT**  
[72] GARCIA, Jaime E., US  
[73] DELTA INTERNATIONAL  
MACHINERY CORP., US  
[22] 1999-05-05  
[30] US (09/235,922) 1999-01-22

---

[11] **2,282,770**  
[13] C

[51] **Int.Cl. 6B42D 15/10 6B42D 15/00  
6A63F 3/06**  
[25] EN  
[54] **COMBINATION INSTANT  
SCRATCH-OFF/BREAK-OPEN TICKET**  
[54] **BILLET A GRATTER/EN  
POCHETTE COMBINE DE LOTERIE  
INSTANTANEE**  
[72] BRICKWOOD, MICHAEL JOHN, CA  
[72] SCRYMGEOUR, LYLE HAROLD, CA  
[73] POLLARD BANKNOTE LIMITED,  
CA  
[22] 1999-09-28

---

[11] **2,285,356**  
[13] C

[51] **Int.Cl. 6A63H 11/06**  
[25] EN  
[54] **TOY HAVING JUMPING ACTION**  
[54] **JOUET POUVANT SAUTER**  
[72] DANIELIAN, ARMEN, US  
[73] MATTEL, INC., US  
[85] 1999-09-29  
[86] 1999-01-28 (PCT/US99/01820)  
[87] (WO99/39794)  
[30] US (09/020,023) 1998-02-06

**Canadian Patents Issued  
September 26, 2000**

# Canadian Laid-Open Applications

September 3, 2000 - September 9, 2000

## Demandes canadiennes mises à la disponibilité du public

3 septembre 2000 - 9 septembre 2000

---

[21] **2,262,830**  
[13] A1  
[51] **Int.Cl. 6E05B 47/00 6E05B 41/00**  
**6G08C 23/02 6E05B 65/20**  
[25] FR  
[54] **SYSTEME DE DEVERROUILLAGE**  
**SECURITAIRE POUR PORTE**  
**ELECTRIQUE**  
[54] **SAFE UNLOCKING SYSTEM FOR**  
**ELECTRIC DOOR**  
[72] LAROCHE, André, CA  
[71] LAROCHE, André, CA  
[22] 1999-03-05  
[43] 2000-09-05

---

[21] **2,262,832**  
[13] A1  
[51] **Int.Cl. 6A61C 19/02**  
[25] EN  
[54] **ARTIFICIAL TOOTH STORAGE**  
**BOX**  
[54] **BOITE DE RANGEMENT DE DENT**  
**ARTIFICIELLE**  
[72] HUANG, Cheng-Ho, TW  
[71] HUANG, Cheng-Ho, TW  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,262,835**  
[13] A1  
[51] **Int.Cl. 6A61K 7/42**  
[25] EN  
[54] **SUNSCREEN PREPARATION**  
[54] **FILTRE SOLAIRE**  
[72] RANDALL, William B., US  
[72] PRIDA, Cary L., US  
[71] RANDALL PRODUCTS  
INTERNATIONAL, INC., US  
[22] 1999-03-05  
[43] 2000-09-05

---

[21] **2,262,989**  
[13] A1  
[51] **Int.Cl. 6C12N 15/56 6C12S 3/02**  
**6C07H 21/04 6C12N 11/12 6C12N 9/24**  
[25] EN  
[54] **NOVEL RECOMBINANT**  
**XYLANASE, THE PRODUCTION AND**  
**USE THEREOF**  
[54] **NOUVELLE XYLANASE**  
**RECOMBINANTE, PRODUCTION ET**  
**UTILISATION DE CE PRODUIT**  
[72] WU, Shaw-Yun, TW  
[72] CHANG, Edward L., TW  
[72] LIN, Lung-Shen, TW  
[72] JENG, King-Song, TW  
[72] CHUANG, Ming-Hon, TW  
[71] DEVELOPMENT CENTER FOR  
BIOTECHNOLOGY, TW  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,264,186**  
[13] A1  
[51] **Int.Cl. 6F01N 7/00 6B60K 13/04**  
[25] EN  
[54] **HEAT EXCHANGER FOR A**  
**MOTOR VEHICLE EXHAUST**  
[54] **ECHANGEUR DE CHALEUR POUR**  
**GAZ D'ECHAPPEMENT DE VEHICULE**  
**A MOTEUR**  
[72] BENNETT, Easton, CA  
[71] BENNETT, Easton, CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,212**  
[13] A1  
[51] **Int.Cl. 6B01D 21/18**  
[25] EN  
[54] **SEWAGE COLLECTOR FLIGHT**  
[54] **PALETES DE COLLECTEUR**  
**D'EGOUT**  
[72] DE LA COUR, Pierre, CA  
[71] GREENTECH DESIGN LTD., CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,226**  
[13] A1  
[51] **Int.Cl. 6H01L 21/68**  
[25] EN  
[54] **CLEAN BOX**  
[54] **CUVE D'EPURATION COMPLETE**  
[72] DOI, Takeshi, JP  
[72] YOSHIDA, Minoru, JP  
[71] INNOTECH CORPORATION, JP  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,318**  
[13] A1  
[51] **Int.Cl. 6B60R 19/02 6B60R 19/04**  
[25] EN  
[54] **BUMPER SYSTEM FOR MOTOR**  
**VEHICLES**  
[54] **SYSTEME DE PARE-CHOCS POUR**  
**VEHICULES A MOTEUR**  
[72] LAROCQUE, Neil, CA  
[71] LAROCQUE, Neil, CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,324**  
[13] A1  
[51] **Int.Cl. 6G02B 6/34 6H04J 14/02**  
**6G02F 1/19**  
[25] EN  
[54] **PROGRAMMABLE**  
**DEMULTIPLEXER USING ELECTRO-**  
**OPTICALLY MODULATED POLYERIC**  
**GRAGTING ARRAY**  
[54] **DEMULTIPLEXEUR**  
**PROGRAMMABLE UTILISANT UN**  
**RESEAU A GRILLE POLYMERE A**  
**MODULATION ELECTRO-OPTIQUE**  
[72] SUN, De-Gui, CA  
[71] SUN, De-Gui, CA  
[22] 1999-03-03  
[43] 2000-09-03

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,264,358**  
[13] A1  
[51] **Int.Cl. 6A42B 1/06 6A42B 1/18**  
[25] EN  
[54] **SUN PROTECTIVE HEADWEAR**  
[54] **COUVRE-CHEF**  
**PHOTOPROTECTEUR**  
[72] LEGGATT, Charles F., CA  
[71] LEGGATT, Charles F., CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,378**  
[13]  
[51] **Int.Cl. 6A47B 19/00**  
[25] FR  
[54] **LUTRIN DE TABLE PORTATIF**  
[54] **PORTABLE TABLE LECTERN**  
[72] LESIEUR, Yves, CA  
[71] LESIEUR, Yves, CA  
[22] 1999-03-09  
[43] 2000-09-09

---

[21] **2,264,411**  
[13] A1  
[51] **Int.Cl. 6A01K 85/16**  
[25] EN  
[54] **LAME FISH LURE**  
[54] **LEURRE LAMELLE POUR**  
**POISSON**  
[72] CHAMBERS, John, CA  
[71] CHAMBERS, John, CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,360**  
[13] A1  
[51] **Int.Cl. 6E21B 31/20 6E21B 23/00**  
[25] EN  
[54] **DOWNHOLE TOOL CATCHER**  
[54] **PORTE-OUTIL DE FOND**  
[72] KUTINSKY, David, CA  
[71] CANADIAN DOWNHOLE DRILL  
SYSTEMS INC., CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,380**  
[13] A1  
[51] **Int.Cl. 6A63H 33/04 6E04C 1/00**  
[25] EN  
[54] **COUPLING MEANS FOR**  
**BUILDING BLOCK**  
[54] **RACCORD POUR BLOCS DE**  
**CONSTRUCTION**  
[72] WILLEMSEN, Thomas, CA  
[71] WILLEMSEN, Thomas, CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,425**  
[13] A1  
[51] **Int.Cl. 6A47J 36/12 6A47J 47/16**  
[25] EN  
[54] **THE LID-GRIP**  
[54] **SOULEVE-COUVERCLE**  
[72] BALL, David John, CA  
[71] BALL, David John, CA  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,264,364**  
[13] A1  
[51] **Int.Cl. 6G08B 17/10**  
[25] FR  
[54] **DISPOSITIF MURAL**  
**D'AVERTISSEUR D'INTERRUPTION**  
**POUR DETECTEURS DE FUMEE**  
[54] **WALL-MOUNTED SMOKE**  
**DETECTOR SHUTOFF WARNING**  
**DEVICE**  
[72] PERREAULT, Michel, CA  
[72] GUILBAULT, Richard, CA  
[71] PERREAULT, Michel, CA  
[71] GUILBAULT, Richard, CA  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,264,383**  
[13] A1  
[51] **Int.Cl. 6A01N 57/16 6A01N 53/08**  
[25] EN  
[54] **LOW TOXICITY INSECTICIDES**  
[54] **INSECTICIDES DE FAIBLE**  
**TOXICITE**  
[72] KORUNIC, Zlatko, CA  
[72] ORMESHER, J. Peter, CA  
[71] KORUNIC, Zlatko, CA  
[71] ORMESHER, J. Peter, CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,429**  
[13] A1  
[51] **Int.Cl. 6C07F 9/6568**  
[25] EN  
[54] **PREPARATION OF 9-**  
**HYDROCARBYL-9-**  
**PHOSPHABICYCLONANES**  
[54] **PREPARATION DE 9-**  
**HYDROCARBYL-9-**  
**PHOSPHABICYCLONANES**  
[72] ROBERTSON, Allan James, CA  
[71] CYTEC TECHNOLOGY CORP., US  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,368**  
[13] A1  
[51] **Int.Cl. 6B66F 9/06**  
[25] EN  
[54] **A MULTI-TERRAIN VERTICAL**  
**LIFT TRANSPORTER**  
[54] **TRANSPORTEUR VERTICAL**  
**TOUS TERRAINS**  
[72] SEXSMITH, Hugh, CA  
[71] SEXSMITH, Hugh, CA  
[22] 1999-03-03  
[43] 2000-09-03

---

[21] **2,264,406**  
[13] A1  
[51] **Int.Cl. 6B25H 1/16**  
[25] EN  
[54] **HEIGHT-ADJUSTABLE WORK**  
**BENCH**  
[54] **ETABLI A HAUTEUR REGLABLE**  
[72] JENSEN, Kim Fjello, DK  
[71] SIS HUMAN FACTOR  
TECHNOLOGIES, INC., US  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,264,463**  
[13] A1  
[51] **Int.Cl. 6C08L 23/06 6C08J 5/18**  
[25] EN  
[54] **FAST CLEARING**  
**POLYETHYLENE**  
[54] **POLYETHYLENE RAPIDEMENT**  
**EXEMPT DE DEFAUTS**  
[72] CHISHOLM, P. Scott, CA  
[71] NOVA CHEMICALS  
CORPORATION, CA  
[22] 1999-03-05  
[43] 2000-09-05

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,264,466**  
[13] A1

[51] **Int.Cl. 6B63H 20/36**  
[25] EN  
[54] **GUARD FOR LOWER UNIT OF AN OUTBOARD MOTOR**  
[54] **CARTER DE PARTIE INFERIEURE DE MOTEUR HORS-BORD**  
[72] LAMMLI, Ernest, CA  
[71] LAMMLI, Ernest, CA  
[22] 1999-03-05  
[43] 2000-09-05

---

[21] **2,264,516**  
[13] A1

[51] **Int.Cl. 6E03C 1/02 6F16L 55/00**  
[25] EN  
[54] **PIPE BURST BUSTER**  
[54] **DISPOSITIF D'ARRET D'ALIMENTATION SUR TUYAU**  
[72] MALAN, Danie, CA  
[71] MALAN, Danie, CA  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,265,005**  
[13] A1

[51] **Int.Cl. 6A01D 90/08**  
[25] EN  
[54] **LIFTER/LOADER FOR RECTANGULAR BALES**  
[54] **ELEVATEUR/CHARGEUSE DE BOTTES RECTANGULAIRES**  
[72] WARBURTON, John Robert, CA  
[71] WARBURTON, John Robert, CA  
[22] 1999-03-05  
[43] 2000-09-05

---

[21] **2,264,467**  
[13] A1

[51] **Int.Cl. 6E21B 23/01**  
[25] EN  
[54] **DOWNHOLE ANTI-ROTATION TOOL**  
[54] **OUTIL ANTIROTATION DE FOND**  
[72] TESSIER, Lynn P., CA  
[71] TESSIER, Lynn P., CA  
[22] 1999-03-05  
[43] 2000-09-05

---

[21] **2,264,520**  
[13] A1

[51] **Int.Cl. 6F16L 55/105**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TEMPORARY FLUID STOPAGE AND REPAIR OF PIPES**  
[54] **METHODE ET APPAREIL PERMETTANT LE BLOCAGE TEMPORAIRE DE LIQUIDE ET LA REPARATION DES TUYAUX**  
[72] STEWART, Randy, CA  
[72] TOZER, Gerald, CA  
[71] STEWART, Randy, CA  
[71] TOZER, Gerald, CA  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,265,008**  
[13] A1

[51] **Int.Cl. 6G06F 15/16**  
[25] EN  
[54] **PROGRAM SYNCHRONIZATION ON FIRST AND SECOND COMPUTERS BY DETERMINING WHETHER INFORMATION TRANSMITTED BY FIRST COMPUTER IS AN ACCEPTABLE OR UNACCEPTABLE INPUT TO SECOND COMPUTER PROGRAM**  
[54] **SYNCHRONISATION DE PROGRAMME SUR UN PREMIER ET UN DEUXIEME ORDINATEURS REALISEE EN DETERMINANT SI L'INFORMATION EMISE PAR LE PREMIER ORDINATEUR CONSTITUE UNE ENTREE ACCEPTABLE OU INACCEPTABLE POUR LE PROGRAMME DU DEUXIEME ORDINATEUR**  
[72] FRY, Shawn C., US  
[72] CHRISTOPHER, Christopher D., US  
[72] MAHAN, Gregory L., US  
[71] SOTF TECHNOLOGIES, INC., US  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,264,468**  
[13] A1

[51] **Int.Cl. 6H02G 7/05**  
[25] EN  
[54] **POWER LINE INSULATOR CLAMP**  
[54] **BRIDE DE SERRAGE D'ISOLATEUR DE LIGNE DE TRANSPORT ELECTRIQUE**  
[72] NOWLEN, William M., US  
[71] NOWLEN, William M., US  
[22] 1999-03-05  
[43] 2000-09-05

---

[21] **2,264,522**  
[13] A1

[51] **Int.Cl. 6B25B 27/30 6B60S 5/00 6B66F 7/28**  
[25] EN  
[54] **SPRING COMPRESSOR**  
[54] **COMPRESSEUR DE RESSORT**  
[72] LEDBETTER, Mark, CA  
[71] LEDBETTER, Mark, CA  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,264,498**  
[13] A1

[51] **Int.Cl. 6C10G 35/04**  
[25] EN  
[54] **PROCESS USING STAGGERED BYPASSING OF REACTION ZONES FOR INCREASED CAPACITY**  
[54] **PROCEDE PERMETTANT LA DERIVATION ECHELONNEE DES ZONES DE REACTION POUR AUGMENTER LA CAPACITE**  
[72] PETERS, Kenneth D., US  
[71] UOP LLC, US  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,264,969**  
[13] A1

[51] **Int.Cl. 6B32B 27/08 6B65D 65/40**  
[25] EN  
[54] **SPICE PACKAGING**  
[54] **MATERIEL D'EMBALLAGE POUR EPICES**  
[72] RENIHAN, Robert, CA  
[71] ACORN PACKAGING INC., CA  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,265,014**  
[13] A1

[51] **Int.Cl. 6B01F 13/00 6G01N 1/38**  
[25] EN  
[54] **DEVICE FOR BLENDING CONTENTS OF A BAG**  
[54] **MELANGEUR DE CONTENU DE SAC**  
[72] LAFOND, Danielle, CA  
[71] LABPLAS INC., CA  
[22] 1999-03-05  
[43] 2000-09-05

**Canadian Laid-Open Applications**  
**September 3, 2000 - September 9, 2000**

---

[21] **2,265,015**  
[13] A1

[51] **Int.Cl. 6G02B 6/12 6G02F 1/035**  
[25] EN  
[54] **HIGH-PERFORMANCE ELECTRO-OPTIC INTENSITY MODULATOR USING POLYMERIC WAVEGUIDES AND GRATING MODULATION**  
[54] **MODULATEUR ELECTRO-OPTIQUE D'INTENSITE A HAUT RENDEMENT UTILISANT DES GUIDES D'ONDES POLYMERES ET LA MODULATION DE GRILLE**  
[72] SUN, De-Gui, CA  
[71] SUN, De-Gui, CA  
[22] 1999-03-05  
[43] 2000-09-05

---

[21] **2,265,017**  
[13] A1

[51] **Int.Cl. 6A45C 9/00 6A47B 85/06**  
[25] FR  
[54] **BLOC DE BETON OUVERT**  
[54] **OPEN CONCRETE BLOCKS**  
[72] MORISSET, Pierre, CA  
[71] MORISSET, Pierre, CA  
[22] 1999-03-05  
[43] 2000-09-05

---

[21] **2,265,018**  
[13] A1

[51] **Int.Cl. 6E01H 3/00**  
[25] EN  
[54] **ROOF SAVER**  
[54] **PROTECTEUR DE TOIT**  
[72] DURAND, Felix Dona, CA  
[71] DURAND, Felix Dona, CA  
[22] 1999-03-08  
[43] 2000-09-08

---

---

[21] **2,265,019**  
[13] A1

[51] **Int.Cl. 6C07H 19/20 6C09B 57/00 6C07H 19/10**  
[25] EN  
[54] **3'-DEOXYRIBONUCLEOTIDE DERIVATIVES**  
[54] **DERIVES DE 3'-DESOXYRIBONUCLEOTIDE**  
[72] FUJIO, Kazunari, JP  
[72] OZAWA, Kaori, JP  
[72] HAYASHIZAKI, YOSHIHIDE, JP  
[71] WAKO PURE CHEMICAL INDUSTRIES, LTD., JP  
[71] THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, JP  
[71] HAYASHIZAKI, YOSHIHIDE, JP  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,265,021**  
[13] A1

[51] **Int.Cl. 6B62D 5/06 6B62D 5/30**  
[25] FR  
[54] **DIRECTION ASSISTEE POUR MOTONEIGE ET VEHICULE TOUT TERRAIN(VTT)**  
[54] **POWER STEERING FOR SNOWMOBILES AND ALL-TERRAIN VEHICLES (ATVS)**  
[72] PLOURDE, Aimé, A.P., CA  
[71] PLOURDE, Aimé, A.P., CA  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,265,023**  
[13]

[51] **Int.Cl. 6B41M 3/00 6H04N 1/60**  
[25] FR  
[54] **DISPOSITIF D'IMAGE IMPRIMEE LUMINEUSE D'ASPECT REVERSIBLE NOIR ET BLANC (N&B) - COULEURS VIDEO**  
[54] **DEVICE FOR PRODUCING GLOSSY PRINTED IMAGES THAT CAN BE REVERSED FROM BLACK AND WHITE TO VIDEO COLOUR**  
[72] GUILLEMOT, Philippe, FR  
[71] GUILLEMOT, Philippe, FR  
[22] 1999-03-09  
[43] 2000-09-09

---

---

[21] **2,265,037**  
[13] A1

[51] **Int.Cl. 6B25H 1/04**  
[25] EN  
[54] **CHAIN SAW MINI-WORKBENCH**  
[54] **MINI-ETABLI POUR SCIE A CHAINE**  
[72] MACDONALD, Kenneth (Lockie), CA  
[71] MACDONALD, Kenneth (Lockie), CA  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,265,042**  
[13] A1

[51] **Int.Cl. 6G08B 5/00**  
[25] EN  
[54] **LEVELLING ASSEMBLY FOR A MARKER POLE AND A MARKER POLE**  
[54] **DISPOSITIF DE MISE DE NIVEAU DE POTEAU INDICATEUR ET POTEAU INDICATEUR**  
[72] STERLING, Robert Laurel, CA  
[72] SCHMIDT, Rudiger, CA  
[71] STERLING, Robert Laurel, CA  
[71] SCHMIDT, Rudiger, CA  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,265,085**  
[13]

[51] **Int.Cl. 6A01B 23/02 6A01B 35/26**  
[25] EN  
[54] **CULTIVATOR SWEEP ASSEMBLY**  
[54] **ENSEMBLE DE SOC BINEUR DE CULTIVATEUR**  
[72] BERGEN, Henry John, CA  
[71] GEN MANUFACTURING LTD., CA  
[22] 1999-03-09  
[43] 2000-09-09

---

[21] **2,265,087**  
[13]

[51] **Int.Cl. 6D21F 11/00 6D21F 7/00**  
[25] EN  
[54] **METHOD FOR CUTTING A LEADER AND A TAIL IN A WEB IN A PAPERMAKING MACHINE**  
[54] **METHODE DE COUPE D'UNE AMORCE ET D'UNE POINTE DANS UNE BANDE DE MACHINE DE FABRICATION DU PAPIER**  
[72] HILKER, Dieter H., CA  
[72] CASPAR, Roman C., CA  
[71] HILKER, Dieter H., CA  
[71] CASPAR, Roman C., CA  
[22] 1999-03-09  
[43] 2000-09-09

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,265,097**  
[13]

[51] **Int.Cl. 6A47F 5/00**  
[25] EN  
[54] **PRODUCT DISPLAY RACK**  
[54] **PRESENTOIR DE PRODUITS**  
[72] RODGERS, John, CA  
[72] HARDING, William D., CA  
[71] HARDING DISPLAY  
CORPORATION, CA  
[22] 1999-03-09  
[43] 2000-09-09

---

[21] **2,265,104**  
[13]

[51] **Int.Cl. 6E21F 16/02**  
[25] EN  
[54] **DRAINAGE SYSTEM FOR  
TUNNELS**  
[54] **SYSTEME DE DRAINAGE POUR  
TUNNELS**  
[72] KASSELMANN, Jochen, DE  
[71] FOSROC INTERNATIONAL  
LIMITED, GB  
[22] 1999-03-09  
[43] 2000-09-09

---

[21] **2,265,108**  
[13] A1

[51] **Int.Cl. 6B61B 1/02 6B61D 3/18**  
[25] EN  
[54] **ROLL ON - ROLL OFF  
PIGGYBACK BIMODAL TERMINAL  
SYSTEM**  
[54] **SYSTEME DE TERMINAL  
BIMODAL POUR WAGONS PORTE-  
REMORQUES A MANUTENTION  
HORIZONTALE**  
[72] BRIDGES, Mearl K., US  
[72] BARR, John M., US  
[72] KLEIN, Donald R., US  
[72] HATHAWAY, Richard C., US  
[72] MIKSCH, Edmond S., US  
[71] KACI TERMINALS SYSTEM, LTD.,  
US  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,265,126**  
[13] A1

[51] **Int.Cl. 6B60J 1/20 6B62D 33/06**  
[25] FR  
[54] **SECUR-RAY**  
[54] **SECUR-RAY**  
[72] DUBÉ, Raymond, CA  
[71] DUBÉ, Raymond, CA  
[22] 1999-03-08  
[43] 2000-09-08

---

[21] **2,265,172**  
[13] A1

[51] **Int.Cl. 6B63B 21/00**  
[25] EN  
[54] **EZE DOCKER**  
[54] **SYSTEME D'ARRIMAGE**  
[72] TIMONY, David Sr., CA  
[71] TIMONY, David Sr., CA  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,265,235**  
[13] A1

[51] **Int.Cl. 6F16K 11/085 6B01D 24/46**  
[25] EN  
[54] **MULTIMEDIA BACKWASHABLE  
FILTRATION SYSTEM**  
[54] **SYSTEME DE FILTRAGE  
MULTISUBSTRATS LAVABLE PAR  
RETOUR DE COURANT**  
[72] YIU, Chau Chau, CA  
[71] CANPRO WATER TREATMENT  
INC., CA  
[22] 1999-03-04  
[43] 2000-09-04

---

[21] **2,266,238**  
[13]

[51] **Int.Cl. 6E02F 3/60 6E02F 3/40 6E02F  
3/96**  
[25] EN  
[54] **BUCKET WITH QUICK ATTACH  
BLADE**  
[54] **GODET AVEC LAME A  
RACCORDEMENT RAPIDE**  
[72] ROYER, Ronald, CA  
[71] ROYER, Ronald, CA  
[22] 1999-03-09  
[43] 2000-09-09

---

[21] **2,268,636**  
[13]

[51] **Int.Cl. 6B21C 3/02**  
[25] EN  
[54] **SILENT STRUCTURE OF  
PROCESSING MACHINE, SILENT  
STRUCTURE OF PRESS MACHINE,  
SILENT STRUCTURE OF DRAWING  
DIE, AND SILENT RUN-UP THEREOF**  
[54] **STRUCTURE SILENCIEUSE DE  
MACHINE DE TRAITEMENT,  
STRUCTURE SILENCIEUSE DE  
PRESSE, STRUCTURE SILENCIEUSE  
DE MATRICE D'EMBOUTISSAGE, ET  
COURSE SILENCIEUSE CONNEXE**  
[72] MATSUOKA, Mitsuo, JP  
[71] UMIX CO., LTD., JP  
[22] 1999-04-09  
[43] 2000-09-09  
[30] JP (11-61389) 1999-03-09

---

[21] **2,269,418**  
[13] A1

[51] **Int.Cl. 6A63B 69/40**  
[25] EN  
[54] **BATTING CAGE WITH USER  
INTERACTIVE SELECTION OF BALL  
SPEED AND STRIKE ZONE WITH  
PITCH HEIGHT INDICATOR LAMPS**  
[54] **CAGE DE FRAPPEUR AVEC  
DISPOSITIF DE SELECTION  
INTERACTIVE PAR L'UTILISATEUR  
DE LA ZONE DE FRAPPE ET DE LA  
VITESSE DE LA BALLE, ET VOYANTS  
INDICATEURS DE LA HAUTEUR DE  
LANCEMENT**  
[72] SMITH, Tommy L., US  
[72] HALL, Richard E., US  
[72] GREEN, Robert E., US  
[71] AUTOMATED BATTING CAGES  
CORPORATION, US  
[22] 1999-04-20  
[43] 2000-09-08  
[30] US (60/123,258) 1999-03-08



Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,270,265**  
[13] A1  
[51] **Int.Cl. 6D03D 1/00 6D03C 1/06**  
[25] EN  
[54] **WEFT YARN SELECTION MECHANISM AND METHOD FOR WEAVING SEAT BELT WEBBING**  
[54] **MECANISME DE SELECTION DE FIL DE TRAME ET METHODE DE TISSAGE DE CEINTURE DE SECURITE**  
[72] HOSSLI, Roland, US  
[72] RUSSELL, Timothy Mark, US  
[71] NARRICOT INDUSTRIES, INC., US  
[22] 1999-04-27  
[43] 2000-09-05  
[30] US (09/263,444) 1999-03-05

---

[21] **2,270,603**  
[13] A1  
[51] **Int.Cl. 6E06B 7/08 6E06B 9/02**  
[25] EN  
[54] **PLASTIC LOUVER BODY AND END CAP ASSEMBLY**  
[54] **ENSEMBLE CORPS ET CAPUCHON D'EVENT A LAMES EN PLASTIQUE**  
[72] GABRIELE, ANGELO, CA  
[71] VINYLBIILT SHUTTER SYSTEMS INC., CA  
[22] 1999-05-03  
[43] 2000-09-05  
[30] US (09/263,514) 1999-03-05

---

[21] **2,271,602**  
[13] A1  
[51] **Int.Cl. 6B61G 11/12**  
[25] EN  
[54] **RAILCAR CUSHIONING DEVICE WITH INTERNAL ELASTOMERIC SPRING**  
[54] **APPAREIL AMORTISSEUR D'AUTORAIL A RESSORT ELASTOMERIQUE INTERNE**  
[72] MONACO, Jay P., US  
[71] KEYSTONE INDUSTRIES, INC., US  
[22] 1999-05-13  
[43] 2000-09-05  
[30] US (263,256) 1999-03-05

---

---

[21] **2,272,780**  
[13] A1  
[51] **Int.Cl. 6A45D 20/12**  
[25] EN  
[54] **AN AT LEAST PARTLY FLEXIBLE ACCESSORY FOR HAIRDRYERS WHICH IS ABLE TO MODIFY THE PASSAGE CROSS-SECTION FOR THE AIR FLOW GENERATED BY THE HAIRDRYER**  
[54] **ACCESSOIRE PARTIELLEMENT SOUPLE POUR SECHE-CHEVEUX POUVANT MODIFIER LA SECTION DE PASSAGE DE L'AIR SORTANT DU SECHE-CHEVEUX**  
[72] RUSSI, Piero, IT  
[71] TRABO S.R.L., IT  
[22] 1999-05-20  
[43] 2000-09-04  
[30] IT (MI99A 000443) 1999-03-04

---

[21] **2,278,254**  
[13] A1  
[51] **Int.Cl. 6F27D 5/00**  
[25] EN  
[54] **AN IMPROVEMENT IN A FIRE BAR FOR PELLETIZING AND SINTERING FURNACES**  
[54] **TIGE DE GRILLE AMELIOREE POUR FOURS DE PELLETTISATION ET FOURS DE FRITTAGE**  
[72] LEITE MARQUES, JOSÉ FERNANDO, BR  
[72] DE GIOVANNI PACHE DE FARIA, MARCELO, BR  
[71] COMPANHIA VALE DO RIO DOCE, BR  
[22] 1999-07-21  
[43] 2000-09-03  
[30] BR (MU7900232-3) 1999-03-03

---

[21] **2,279,472**  
[13] A1  
[51] **Int.Cl. 6E05C 3/12 6E05B 47/00**  
[25] EN  
[54] **ELECTRONIC LATCH APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE VERROUILLAGE ELECTRONIQUE**  
[72] DIMIG, STEVEN J., US  
[71] STRATTEC SECURITY CORPORATION, US  
[22] 1999-07-30  
[43] 2000-09-05  
[30] US (09/263,415) 1999-03-05

---

---

[21] **2,279,481**  
[13] A1  
[51] **Int.Cl. 6F16L 3/11 6F16L 3/02**  
[25] EN  
[54] **PIPE CLAMP**  
[54] **COLLIER DE SERRAGE POUR TUYAUX**  
[72] CARBONARE, MARTIN, AT  
[72] LOOSE, RAINER, DE  
[72] DISCHINGER, JAKOB, DE  
[71] HILTI AKTIENGESSELLSCHAFT, LI  
[22] 1999-06-29  
[43] 2000-09-08  
[30] DE (29904088.7) 1999-03-08

---

[21] **2,279,662**  
[13] A1  
[51] **Int.Cl. 6B60B 7/00**  
[25] EN  
[54] **TIRE COVER**  
[54] **COUVRE-PNEU**  
[72] IAMPEN, MARCEL H., CA  
[71] IAMPEN, MARCEL H., CA  
[22] 1999-08-06  
[43] 2000-09-05  
[30] US (09/263,257) 1999-03-05

---

[21] **2,280,118**  
[13]  
[51] **Int.Cl. 6F24C 7/02 6F24C 7/08 6F24C 15/20**  
[25] EN  
[54] **WALL-MOUNTED MICROWAVE OVEN AND METHOD FOR CONTROLLING HOOD MOTOR THEREFOR**  
[54] **FOUR A MICRO-ONDES MURAL ET METHODE POUR COMMANDER LE MOTEUR DE LA HOTTE CONNEXE**  
[72] LEE, SUNG HO, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1999-08-12  
[43] 2000-09-09  
[30] KR (1999-7719) 1999-03-09

---

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,280,301**  
[13] A1

[51] **Int.Cl. 6B25B 23/02**  
[25] EN  
[54] **DRIVER, FASTENER AND FORMING TOOL**  
[54] **TOURNE-VIS, FIXATION FILETEE ET OUTIL A FORMER**  
[72] WAGNER, JOHN B., US  
[71] WAGNER, JOHN B., US  
[22] 1999-08-18  
[43] 2000-09-08  
[30] US (09/264,480) 1999-03-08

---

[21] **2,281,326**  
[13] A1

[51] **Int.Cl. 6E02F 9/28**  
[25] EN  
[54] **SELF-ADJUSTING TOOTH/ ADAPTER CONNECTION SYSTEM FOR MATERIAL DISPLACEMENT APPARATUS**  
[54] **SYSTEME DE RACCORDEMENT DE DENT/ADAPTEUR AUTOREGLABLE POUR APPAREIL SERVANT A DEPLACER DES MATERIAUX**  
[72] RUVANG, JOHN A., US  
[72] MARTIN, WESLEY E., US  
[71] GH HENSLEY INDUSTRIES, INC., US  
[22] 1999-09-03  
[43] 2000-09-08  
[30] US (09/264,533) 1999-03-08

---

[21] **2,282,928**  
[13]

[51] **Int.Cl. 6H01R 13/70 6H01R 33/02**  
[25] EN  
[54] **COMBINATION FUSE CLIP AND LINE TERMINAL CONNECTION DEVICE**  
[54] **DISPOSITIF DE CONNEXION COMBINANT UNE DOUILLE DE FUSIBLE ET UNE BORNE DE LIGNE**  
[72] FRANITZA, JERALD, US  
[72] SIPE, WARREN C., US  
[72] PROHASKA, RICHARD D., US  
[71] EATON CORPORATION, US  
[22] 1999-09-21  
[43] 2000-09-09  
[30] US (09/265,051) 1999-03-09

---

---

[21] **2,284,308**  
[13] A1

[51] **Int.Cl. 6E05B 17/18 6G07F 17/00**  
[25] EN  
[54] **HIGH SECURITY COVER FOR A VENDING MACHINE LOCK**  
[54] **CACHE DE PROTECTION HAUTE SECURITE POUR VERROU DE DISTRIBUTEUR AUTOMATIQUE**  
[72] BRISSON, ANDRÉ, CA  
[71] MUL-T-LOCK TECHNOLOGIES LTD., IL  
[22] 1999-09-29  
[43] 2000-09-06  
[30] US (09/324,717) 1999-03-06

---

[21] **2,285,489**  
[13] A1

[51] **Int.Cl. 6C10G 11/02**  
[25] EN  
[54] **A NOVEL PROCESS FOR CATALYTIC CRACKING OF FUEL OIL BY NEW CATALYST**  
[54] **UN NOUVEAU PROCEDE DE CRAQUAGE CATALYTIQUE DU MAZOUT A L'AIDE D'UN NOUVEAU CATALYSEUR**  
[72] BAHMAN, MIR DAVOOD, IR  
[71] BAHMAN, MIR DAVOOD, IR  
[22] 1999-10-07  
[43] 2000-09-08  
[30] IR (37712023) 1999-03-08

---

[21] **2,285,497**  
[13]

[51] **Int.Cl. 6B60N 2/50 6F16F 13/00 6F16F 9/50**  
[25] EN  
[54] **INTEGRATED SEMI-ACTIVE SEAT SUSPENSION AND SEAT LOCKUP SYSTEM**  
[54] **SYSTEME INTEGRE DE SUSPENSION DE SIEGE SEMI-ACTIVE ET DE BLOCAGE DE SIEGE**  
[72] VANDERMOLLEN, GARY L., US  
[71] NAVISTAR INTERNATIONAL TRANSPORTATION CORP., US  
[22] 1999-10-06  
[43] 2000-09-09  
[30] US (09/264,789) 1999-03-09

---

---

[21] **2,286,817**  
[13] A1

[51] **Int.Cl. 6B65D 5/42**  
[25] EN  
[54] **CARTON WITH INTEGRAL PROMOTIONAL MATERIAL**  
[54] **BOITE PLIANTE A LAQUELLE EST INTEGRE DU MATERIEL PROMOTIONNEL**  
[72] YOCUM, JAMES A., US  
[71] DOPACO, INC., US  
[22] 1999-10-18  
[43] 2000-09-04  
[30] US (09/262,310) 1999-03-04

---

[21] **2,287,748**  
[13] A1

[51] **Int.Cl. 7H04N 7/18 7F41G 11/00 7H04N 5/76**  
[25] EN  
[54] **GAME HUNTING VIDEO CAMERA**  
[54] **CAMERA VIDEO POUR LA CHASSE AU GIBIER**  
[72] HOLMBERG, LARRY ALLEN, US  
[71] HOLMBERG, LARRY ALLEN, US  
[22] 1999-10-29  
[43] 2000-09-08  
[30] US (09/264,587) 1999-03-08

---

[21] **2,288,481**  
[13] A1

[51] **Int.Cl. 6A01C 7/08 6A01C 7/20**  
[25] EN  
[54] **FLEXIBLE ROTATABLE DRIVE SHAFT FOR A ROW CROP PLANTING UNIT**  
[54] **ARBRE D'ENTRAINEMENT TOURNANT FLEXIBLE POUR SEMOIR EN LIGNE**  
[72] RIEWERTS, PAUL REED, US  
[72] PLATTNER, CHAD ERIC, US  
[71] DEERE & COMPANY, US  
[22] 1999-11-03  
[43] 2000-09-04  
[30] US (09/262,388) 1999-03-04

---

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,288,482**  
[13] A1  
[51] **Int.Cl. 6A61K 9/70 6A61K 31/56**  
[25] EN  
[54] **BETAMETHASONE- AND HYALURONIC ACID-TREATED THIN ADHESIVE PLASTER FOR THE TREATMENT OF PSORIASIS, DERMATITIS AND DERMATOSIS**  
[54] **SPARADRAP MINCE TRAITE AVEC DE LA BETAMETHASONE ET DE L'ACIDE HYALURONIQUE POUR LE TRAITEMENT DU PSORIASIS, DES DERMATITES ET DES DERMATOSES**  
[72] RAPAPORT, IRINA, CH  
[72] DONATI, ELISABETTA, IT  
[71] ALTERGON S.A., CH  
[22] 1999-11-02  
[43] 2000-09-05  
[30] IT (MI99A000449) 1999-03-05

---

[21] **2,288,515**  
[13] A1  
[51] **Int.Cl. 6F42B 39/00**  
[25] EN  
[54] **A SIMPLE KIT AND METHOD FOR HUMANITARIAN DEMINING OPERATIONS AND EXPLOSIVE ORDNANCE DISPOSAL**  
[54] **UN ENSEMBLE ET UNE METHODE SIMPLES POUR DES OPERATIONS HUMANITAIRES DE DEMINAGE ET L'ELIMINATION DE MATERIEL EXPLOSIF**  
[72] ANDERSON, JOHN, CA  
[71] MINING RESOURCE ENGINEERING LTD., CA  
[22] 1999-11-05  
[43] 2000-09-08  
[30] CA (2,265,030) 1999-03-08

---

[21] **2,289,835**  
[13] A1  
[51] **Int.Cl. 7H04B 7/005**  
[25] EN  
[54] **COMMUNICATION METHODS AND APPARATUS**  
[54] **METHODES ET APPAREILLAGE DE COMMUNICATION**  
[72] FEBVRE, PAUL, GB  
[72] MUDGE, DAVID DENIS, GB  
[71] IMMARSAT LTD, GB  
[22] 1999-11-15  
[43] 2000-09-05  
[30] GB (9905181.5) 1999-03-05

---

---

[21] **2,289,838**  
[13] A1  
[51] **Int.Cl. 7H04B 7/005 7H04J 3/06**  
[25] EN  
[54] **COMMUNICATION METHODS AND APPARATUS**  
[54] **METHODES ET APPAREILLAGE DE COMMUNICATION**  
[72] MUDGE, DAVID DENIS, GB  
[72] JONES, EDWARD ARTHUR, GB  
[72] FINES, PANAGIOTIS, GB  
[72] FEBVRE, PAUL, GB  
[71] IMMARSAT LTD, GB  
[22] 1999-11-15  
[43] 2000-09-05  
[30] GB (9905182.3) 1999-03-05

---

[21] **2,290,012**  
[13] A1  
[51] **Int.Cl. 7B65F 1/14 7A24F 19/02**  
[25] EN  
[54] **REFUSE CONTAINER AND ITS METHOD OF MANUFACTURE AND ASSEMBLY**  
[54] **CONTENANT A DECHETS ET METHODE DE FABRICATION ET DE MONTAGE**  
[72] SCHULZ, CARL R., US  
[72] DELMERICO, PAUL E., US  
[71] RUBBERMAID COMMERCIAL PRODUCTS LLC, US  
[22] 1999-11-17  
[43] 2000-09-05  
[30] US (09/268390) 1999-03-05

---

[21] **2,290,178**  
[13] A1  
[51] **Int.Cl. 7B23D 45/00 7B23D 61/02 7B27B 5/32**  
[25] EN  
[54] **SAW BLADE AND MOUNTING DEVICE FOR THE SAME**  
[54] **LAME DE SCIE ET DISPOSITIF DE MONTAGE DE LAME**  
[72] KROUT, DANIEL L., US  
[72] DIBBERN, JOHN E., US  
[71] BLACK & DECKER INC., US  
[22] 1999-11-19  
[43] 2000-09-08  
[30] US (09/264,508) 1999-03-08

---

---

[21] **2,290,301**  
[13] A1  
[51] **Int.Cl. 7G01D 21/00 7G01D 1/18**  
[25] EN  
[54] **A METHOD FOR DETECTING OUTLIER MEASURES OF ACTIVITY**  
[54] **METHODE DE DETECTION DES OBSERVATIONS ABERRANTES LORS DE MESURES D'ACTIVITE**  
[72] DAWES, NICHOLAS W., CA  
[71] LORAN NETWORK MANAGEMENT LTD., BB  
[22] 1999-11-23  
[43] 2000-09-05  
[30] CA (2,264,427) 1999-03-05  
[30] US (09/399,373) 1999-09-20

---

[21] **2,292,277**  
[13] A1  
[51] **Int.Cl. 7B41J 2/01**  
[25] EN  
[54] **ANGLED PRINTER CARTRIDGE**  
[54] **CARTOUCHE ANGULAIRE D'IMPRIMANTE**  
[72] EADE, THOMAS JON, US  
[72] CAMPBELL, MICHAEL CLARK, US  
[72] BOLASH, JOHN PHILIP, US  
[71] LEXMARK INTERNATIONAL, INC., US  
[22] 1999-12-16  
[43] 2000-09-04  
[30] US (09/262,766) 1999-03-04

---

[21] **2,292,300**  
[13] A1  
[51] **Int.Cl. 6B32B 5/08 6B29C 47/06 6B32B 27/12 6B65D 65/40**  
[25] EN  
[54] **REINFORCED SHRINK WRAP AND METHOD OF MANUFACTURE**  
[54] **PELLICULE RETRACTABLE RENFORCEE ET METHODE DE FABRICATION**  
[72] SIFFORD, THOMAS L., US  
[72] MICHALEK, DAVID A., US  
[72] TAYLOR, TROY M., US  
[72] SCARBOROUGH, THOMAS L., US  
[72] OLHEISER, DENNIS J., US  
[72] MERCURE, JAUNITA V., US  
[71] REEF INDUSTRIES, INC., US  
[22] 1999-12-16  
[43] 2000-09-05  
[30] US (09/263,186) 1999-03-05

---

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,292,304**  
[13] A1

[51] **Int.Cl. 7A47K 1/05 7E03C 1/32**  
[25] EN  
[54] **MOUNTING DEVICE FOR SECURING A SINK TO A COUNTERTOP AND METHOD OF USING SAME**  
[54] **DISPOSITIF DE MONTAGE PERMETTANT DE FIXER UN EVIER A UN COMPTOIR ET METHODE D'UTILISATION**  
[72] SVEHLA, ANNA, US  
[72] PERRYMAN, GARRY, CA  
[72] BISONAYA, RUDY Y., US  
[72] ROYTBERG, DIMITRY, US  
[72] JOHNSON, FRANK J., CA  
[72] FARRELL, GERALD J. (DECEASED), US  
[72] DICKSON, RICHARD H., US  
[72] ERICKSON, DANIEL, US  
[72] ODENDAHL, DOUG, CA  
[72] BARANEK, PHILLIP J., US  
[72] PRZEKLASA, EDWARD ADAM, US  
[72] PAYNE, PAUL RANDOLPH, US  
[71] ELKAY MANUFACTURING COMPANY, US  
[22] 1999-12-15  
[43] 2000-09-04  
[30] US (09/262,258) 1999-03-04

---

[21] **2,292,824**  
[13] A1

[51] **Int.Cl. 7H04N 1/32 7H04L 12/54**  
[25] EN  
[54] **IMAGE DATA COMMUNICATIONS DEVICE AND METHOD**  
[54] **DISPOSITIF ET METHODE DE TRANSMISSION DE DONNEES D'IMAGE**  
[72] OGAWA, HIDEHIKO, JP  
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1999-12-17  
[43] 2000-09-04  
[30] JP (11-056493) 1999-03-04

---

---

[21] **2,293,107**  
[13] A1

[51] **Int.Cl. 7A44B 11/00 7A45C 13/12 7F16B 21/16**  
[25] EN  
[54] **LOCKING FASTENER FOR A STRAP**  
[54] **DISPOSITIF DE FIXATION DE COURROIE**  
[72] D'ADDARIO, JAMES, US  
[71] INNOVATIVE AUTOMATION, INC., US  
[22] 1999-12-23  
[43] 2000-09-03  
[30] US (09/261,842) 1999-03-03

---

[21] **2,295,407**  
[13] A1

[51] **Int.Cl. 7H04B 10/02 7H04J 14/02 7H04B 10/08**  
[25] EN  
[54] **SIMPLIFIED 1 + 1 OPTICAL PROTECTION**  
[54] **PROTECTION OPTIQUE SIMPLIFIEE**  
[72] SOLHEIM, ALAN GLEN, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-01-13  
[43] 2000-09-04  
[30] US (09/262,036) 1999-03-04

---

[21] **2,296,241**  
[13]

[51] **Int.Cl. 7D21C 9/06**  
[25] EN  
[54] **DEVICE FOR THE TREATMENT OF A FIBROUS SUSPENSION**  
[54] **DISPOSITIF POUR LE TRAITEMENT D'UNE SUSPENSION FIBREUSE**  
[72] HANSSON, STEFAN, SE  
[72] BROTTGARDH, GORAN, SE  
[72] LÄMAS, AXEL, SE  
[72] CLARSTROM, BO, SE  
[72] KARRHAMMAR, JESPER, SE  
[71] KVAERNER PULPING AB, SE  
[22] 2000-01-19  
[43] 2000-09-09  
[30] SE (9900835-1) 1999-03-09

---

---

[21] **2,296,263**  
[13] A1

[51] **Int.Cl. 7F41B 5/14 7G01V 3/11**  
[25] EN  
[54] **ARROW DETECTOR**  
[54] **DETECTEUR DE FLECHES**  
[72] AUDET, JOCELYN, US  
[71] AUDET, JOCELYN, US  
[22] 2000-01-19  
[43] 2000-09-08  
[30] US (60/123,703) 1999-03-08

---

[21] **2,296,767**  
[13] A1

[51] **Int.Cl. 7C08J 7/04 7F16G 1/00 7F16G 5/00 7C08J 5/00**  
[25] EN  
[54] **POWER TRANSMISSION BELT**  
[54] **COURROIE D'ENTRAINEMENT**  
[72] BILLUPS, WESLEY JAMES, US  
[72] MORRIS, MATTHEW THOMAS, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-01-21  
[43] 2000-09-05  
[30] US (60/122,940) 1999-03-05

---

[21] **2,296,829**  
[13] A1

[51] **Int.Cl. 7G05F 3/26**  
[25] EN  
[54] **FEEDBACK-CONTROLLED LOW VOLTAGE CURRENT SINK/SOURCE**  
[54] **CIRCUIT D'ABSORPTION/SOURCE DE COURANT A BASSE TENSION A COMMANDE PAR REACTION**  
[72] PRENTICE, JOHN, US  
[71] INTERSIL CORPORATION, US  
[22] 2000-01-25  
[43] 2000-09-04  
[30] US (09/261,981) 1999-03-04

---

[21] **2,296,832**  
[13] A1

[51] **Int.Cl. 7G09F 23/00 7B65F 1/14**  
[25] EN  
[54] **WEATHERPROOF ILLUMINATED ADVERTISING TRASH RECEPTACLE**  
[54] **BAC A DECHETS PUBLICITAIRE ECLAIRE A L'EPREUVE DES INTEMPERIES**  
[72] ARTHUR, KENNETH, CA  
[71] PITCH OUTDOOR ADVERTISING INC., CA  
[22] 2000-01-25  
[43] 2000-09-04  
[30] US (60/123,026) 1999-03-04

---

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,296,862**  
[13] A1

[51] **Int.Cl. 7B41F 31/00**  
[25] EN  
[54] **DETACHABLE INKING DEVICE FOR A FLEXOGRAPHIC PRINTING MACHINE, ITS EMBODIMENT, CLEANING AND USE IN SUCH A MACHINE**  
[54] **DISPOSITIF ENCREUR POUR IMPRIMANTE FLEXOGRAPHIQUE ET METHODES DE MONTAGE, DE NETTOYAGE ET D'UTILISATION CONNEXES**  
[72] BARDET, GILBERT, CH  
[72] MORISOD, JEAN-BERNARD, CH  
[72] HURLIMANN, DANIEL, CH  
[72] LUSCHER, PATRICK, CH  
[72] PIGUET, MICHEL, CH  
[71] BOBST S.A., CH  
[22] 2000-01-25  
[43] 2000-09-05  
[30] CH (1999 0412/99) 1999-03-05

---

[21] **2,296,882**  
[13] A1

[51] **Int.Cl. 7C08L 23/16 7C08L 7/00 7C08L 9/00 7C08L 45/00 7C08L 47/00 7C08K 5/14 7C08J 3/24 7C08L 23/32**  
[25] EN  
[54] **PREPARATION OF PEROXIDE VULCANIZED RUBBER COMPOSITION AND ARTICLES HAVING AT LEAST ONE COMPONENT THEREOF**  
[54] **PREPARATION D'UNE COMPOSITION DE CAOUTCHOUC VULCANISE A L'AIDE DE PEROXYDE ET ARTICLES AYANT AU MOINS UN COMPOSANT DE CETTE NATURE**  
[72] TAUCHER, JAMES EDWARD, US  
[72] GORDON, LARRY ASHLEY, US  
[72] SANDSTROM, PAUL HARRY, US  
[72] KRALEVICH, MARK LESLIE JR., US  
[72] BLOK, EDWARD JOHN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-01-24  
[43] 2000-09-04  
[30] US (09/262,173) 1999-03-04

---

[21] **2,296,896**  
[13] A1

[51] **Int.Cl. 7C08L 9/00 7C08J 3/24**  
[25] EN  
[54] **RUBBER COMPOSITION WITH LIQUID HIGH TG POLYMER AND TIRE WITH TREAD THEREOF**  
[54] **COMPOSITION DE CAOUTCHOUC AVEC POLYMERE LIQUIDE DE HAUTE TG ET PNEU AVEC SEMELLE EN CETTE COMPOSITION**  
[72] BLOK, EDWARD JOHN, US  
[72] KRALEVICH, MARK LESLIE JR., US  
[72] SANDSTROM, PAUL HARRY, US  
[72] FUTAMURA, SHINGO, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-01-24  
[43] 2000-09-08  
[30] US (09/262,878) 1999-03-08

---

[21] **2,296,917**  
[13] A1

[51] **Int.Cl. 7H02H 1/04 7H02H 7/20 7H02H 3/22**  
[25] EN  
[54] **MINIATURIZED CATEGORY 5 PROTECTION CIRCUIT**  
[54] **CIRCUIT MINIATURISE DE PROTECTION DE LA CATEGORIE 5**  
[72] MASGHATI, MOHAMMAD, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-01-21  
[43] 2000-09-03  
[30] US (09/261,857) 1999-03-03

---

[21] **2,296,966**  
[13] A1

[51] **Int.Cl. 7C11B 1/10**  
[25] EN  
[54] **EXTRACTION APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE D'EXTRACTION**  
[72] KUBOYAMA, NOBUYOSHI, US  
[71] AOKI CORPORATION, US  
[22] 2000-01-25  
[43] 2000-09-04  
[30] US (09/262,560) 1999-03-04  
[30] US (09/476,276) 2000-01-03

---

[21] **2,297,414**  
[13] A1

[51] **Int.Cl. 7G10L 15/06**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DISTINGUISHING BETWEEN TEXT INSERTION AND REPLACEMENT**  
[54] **METHODE ET SYSTEME PERMETTANT DE DISTINGUER L'INSERTION ET LE REMPLACEMENT DE TEXTE**  
[72] LEWIS, JAMES R., US  
[72] BALLARD, BARBARA, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-01-28  
[43] 2000-09-08  
[30] US (09/265,229) 1999-03-08

---

[21] **2,297,456**  
[13] A1

[51] **Int.Cl. 7E21D 9/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FEEDING A TUNNEL ROOF SUPPORT SYSTEM FROM THE ROOF SHIELD OF A TBM**  
[54] **METHODE ET DISPOSITIF D'ALIMENTATION DE SYSTEME DE SOUTÈNEMENT DE TUNNEL, A PARTIR DU BOUCLIER DE SOUTÈNEMENT D'UN TUNNELIER**  
[72] MCNALLY, CHRISTOPHER, CA  
[72] MCNALLY, MICHAEL P., CA  
[71] MCNALLY, CHRISTOPHER, CA  
[71] MCNALLY, MICHAEL P., CA  
[22] 2000-01-28  
[43] 2000-09-03  
[30] US (06/122,802) 1999-03-03

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,297,504**  
[13]

[51] **Int.Cl. 7C08G 77/38 7C12P 9/00 7C09D 183/06 7C09D 183/07**  
[25] EN  
[54] **POLYSILOXANES CONTAINING CARBONATE GROUPS AND MODIFIED WITH LINEAR POLYESTERS AND THEIR USE AS ADDITIVES IN COATINGS**  
[54] **POLYSILOXANES RENFERMANT DES GROUPEMENTS CARBONATES ET MODIFIES AVEC DES POLYESTERS LINEAIRES ET LEUR UTILISATION COMME ADDITIFS POUR REVETEMENTS**  
[72] SILBER, STEFAN, DE  
[72] JOSTEN, WOLFGANG, DE  
[71] GOLDSCHMIDT AG, DE  
[22] 2000-01-31  
[43] 2000-09-09  
[30] DE (199 10 975.3) 1999-03-09

---

[21] **2,297,603**  
[13] A1

[51] **Int.Cl. 7E03D 13/00**  
[25] EN  
[54] **ADJUSTABLE URINAL**  
[54] **URINAL REGLABLE**  
[72] METTE, PHILIP MICHAEL, CA  
[71] METTE, PHILIP MICHAEL, CA  
[22] 2000-01-28  
[43] 2000-09-05  
[30] US (09/293 300) 1999-04-16

---

[21] **2,297,867**  
[13] A1

[51] **Int.Cl. 7F16K 24/02**  
[25] EN  
[54] **PULLOUT FAUCET VALVE BODY WITH INTEGRAL VACUUM BREAKER HUB**  
[54] **CORPS DE ROBINET AVEC EMBOITEMENT DE BRISE-VIDE INTEGRAL**  
[72] DEMPSEY, JAMES F., US  
[72] HOLZHEIMER, JOHN C., US  
[72] NASR, NAGIB, US  
[71] MOEN INCORPORATED, US  
[22] 2000-02-02  
[43] 2000-09-08  
[30] US (09/263,577) 1999-03-08

---

---

[21] **2,297,868**  
[13] A1

[51] **Int.Cl. 7F16K 27/00 7E03C 1/04**  
[25] EN  
[54] **FAUCET MOUNTING SYSTEM WITH IMPROVED BEARING SUPPORT**  
[54] **SYSTEME DE MONTAGE DE ROBINET AVEC SUPPORT D'APPUI AMELIORE**  
[72] HOLZHEIMER, JOHN C., US  
[72] NASR, NAGIB, US  
[71] MOEN INCORPORATED, US  
[22] 2000-02-02  
[43] 2000-09-08  
[30] US (09/263,575) 1999-03-08

---

[21] **2,298,022**  
[13] A1

[51] **Int.Cl. 7F16K 27/00 7E03C 1/04**  
[25] EN  
[54] **FAUCET MOUNTING SYSTEM WITH IMPROVED STAND**  
[54] **SYSTEME DE MONTAGE DE ROBINET AVEC SOCLE AMELIORE**  
[72] ROTH, MARK W., US  
[72] NASR, NAGIB, US  
[72] HOLZHEIMER, JOHN C., US  
[71] MOEN INCORPORATED, US  
[22] 2000-02-01  
[43] 2000-09-08  
[30] US (09/263,576) 1999-03-08

---

[21] **2,298,166**  
[13] A1

[51] **Int.Cl. 7A23C 3/08 7B65D 85/80**  
[25] EN  
[54] **ASSEMBLY COMPRISING A CONTAINER AND A READY-TO-DRINK BEVERAGE**  
[54] **ASSEMBLAGE COMPRENANT UN CONTENANT ET UN PRET-A-BOIRE**  
[72] JOLIVET, ELISE, FR  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 2000-02-11  
[43] 2000-09-08  
[30] EP (99104547.7) 1999-03-08

---

[21] **2,298,313**  
[13] A1

[51] **Int.Cl. 7H01B 11/02**  
[25] EN  
[54] **A SEMI-SHIELDED CABLE**  
[54] **CABLE SEMI-BLINDE**  
[72] KISH, PAUL, CA  
[72] WALLING, JORG-HEIN, CA  
[71] NORDX/CDT, INC., CA  
[22] 2000-02-10  
[43] 2000-09-05  
[30] US (09/263,414) 1999-03-05

---

---

[21] **2,298,172**  
[13] A1

[51] **Int.Cl. 7F23Q 2/16 7F23Q 2/28 7F23Q 2/34**  
[25] EN  
[54] **LIGHTER WITH CHILD RESISTANT ACTUATING LEVER**  
[54] **BRIQUET COMPRENANT UN LEVIER ACTIONNEUR A L'EPREUVE DES ENFANTS**  
[72] SHER, TAK CHI, HK  
[71] POLYCITY ENTERPRISE LIMITED, HK  
[22] 2000-02-11  
[43] 2000-09-03  
[30] US (09/261,451) 1999-03-03

---

[21] **2,298,252**  
[13] A1

[51] **Int.Cl. 7E21B 44/00 7E21B 47/06**  
[25] EN  
[54] **A METHOD FOR OBTAINING LEAK-OFF TEST AND FORMATION INTEGRITY TEST PROFILES FROM LIMITED DOWNHOLE PRESSURE MEASUREMENTS**  
[54] **METHODE D'OBTENTION DE PROFILS D'ESSAI DE DEGAGEMENT A L'AIR LIBRE ET D'ESSAI D'INTEGRITE DES FORMATIONS A PARTIR DE MESURES DE PRESSION DE FOND DE Puits LIMITEES**  
[72] REZMER-COOPER, IAIN, US  
[72] HACHE, JEAN-MICHEL, US  
[72] GZARA, KAIS, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-02-08  
[43] 2000-09-04  
[30] US (60/122,730) 1999-03-04  
[30] US (09/443,537) 1999-11-19

---

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,298,320**  
[13] A1  
[51] **Int.Cl. 7H04B 1/04 7H04J 15/00**  
[25] EN  
[54] **HIGH POWER COMBINER APPARATUS**  
[54] **DISPOSITIF COMBINEUR HAUTE PUISSANCE**  
[72] NEASE, GREG ALAN, US  
[72] KPODZO, ELIAS BONAVENTURE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-10  
[43] 2000-09-08  
[30] US (09/264,051) 1999-03-08

---

[21] **2,298,323**  
[13] A1  
[51] **Int.Cl. 7H04J 14/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SECURE MULTIPLE WAVELENGTH COMMUNICATION ON OPTICAL FIBERS**  
[54] **SYSTEME ET METHODE POUR LA COMMUNICATION PROTEGEE SUR PLUSIEURS LONGUEURS D'ONDE PAR FIBRES OPTIQUES**  
[72] PRESBY, HERMAN MELVIN, US  
[72] PICCIRILLI, ALFONSO B., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-10  
[43] 2000-09-04  
[30] US (09/262,530) 1999-03-04

---

[21] **2,298,380**  
[13] A1  
[51] **Int.Cl. 7A47G 23/06**  
[25] EN  
[54] **DINNER TRAY**  
[54] **PLATEAU A REPAS**  
[72] SUSSMAN, LISA A., US  
[71] SUSSMAN, LISA A., US  
[22] 2000-02-14  
[43] 2000-09-05  
[30] US (09/264,175) 1999-03-05

---

[21] **2,298,393**  
[13] A1  
[51] **Int.Cl. 7B01D 69/08**  
[25] EN  
[54] **SHELL-LESS HOLLOW FIBER MEMBRANE FLUID CONTACTOR**  
[54] **CONTACTEUR A MEMBRANE A FIBRES CREUSES SANS ENVELOPPE POUR FLUIDES**  
[72] RUNKLE, CHARLES J., US  
[72] PETERSON, PAUL A., US  
[72] SENGUPTA, AMITAVA, US  
[71] WIESLER, FREDERICK E., US  
[71] CELGARD INC., US  
[22] 2000-02-14  
[43] 2000-09-08  
[30] US (09/265,064) 1999-03-08

---

[21] **2,298,429**  
[13] A1  
[51] **Int.Cl. 7B65D 85/42**  
[25] EN  
[54] **PACK FOR A LINEAR LAMP**  
[54] **BOITE POUR LAMPE LINEAIRE**  
[72] GEDACK, HORST, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2000-02-10  
[43] 2000-09-04  
[30] DE (19909531.0) 1999-03-04

---

[21] **2,298,727**  
[13] A1  
[51] **Int.Cl. 7B65B 61/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PLACING CORNER PROTECTORS OF DIFFERENT HEIGHTS ON PALLETIZED LOADS**  
[54] **APPAREIL ET METHODE PERMETTANT DE PLACER DES CORNIERES DE PROTECTION DE DIFFERENTES HAUTEURS SUR LES CHARGES PALETTISEES**  
[72] TURFAN, FARUK M., CA  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-02-16  
[43] 2000-09-04  
[30] US (09/262,117) 1999-03-04

---

[21] **2,298,804**  
[13] A1  
[51] **Int.Cl. 7F15B 19/00 7B60T 17/22**  
[25] EN  
[54] **TWO-PART MANUAL TEST CONNECTOR**  
[54] **CONNECTEUR D'ESSAI MANUEL EN DEUX PARTIES**  
[72] HART, JAMES E., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-02-16  
[43] 2000-09-04  
[30] US (262,219) 1999-03-04

---

[21] **2,298,844**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/00 7H04Q 7/20**  
[25] EN  
[54] **METHOD FOR TRANSFERRING DATA USING EXPANDED PERMANENT IDENTIFIER**  
[54] **METHODE DE TRANSFERT DE DONNEES AVEC IDENTIFICATEURS PERMANENTS ETENDUS**  
[72] ROLLENDER, DOUGLAS HAROLD, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-15  
[43] 2000-09-03  
[30] US (09/261,735) 1999-03-03

---

[21] **2,298,859**  
[13] A1  
[51] **Int.Cl. 7E21B 47/06**  
[25] EN  
[54] **A METHOD FOR DETERMINING EQUIVALENT STATIC MUD DENSITY DURING A CONNECTION USING DOWNHOLE PRESSURE MEASUREMENTS**  
[54] **METHODE POUR DETERMINER LA MASSE VOLUMIQUE STATIQUE EQUIVALENTE DE LA BOUE PENDANT UN RACCORDEMENT A L'AIDE DE LA MESURE DES PRESSIONS DE FOND DE PUIITS**  
[72] HACHE, JEAN-MICHEL, US  
[72] HUTCHINSON, MARK W., US  
[72] GZARA, KAIS, US  
[72] REZMER-COOPER, IAIN, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-02-17  
[43] 2000-09-04  
[30] US (60/123,075) 1999-03-04  
[30] US (60/156,760) 1999-09-29  
[30] US (09/487,504) 2000-01-19

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,298,869**  
[13] A1

[51] **Int.Cl. 7C12N 15/52 7C12P 21/00 7C12P 23/00 7C12N 5/10 7C12N 1/16 7C12N 15/63**  
[25] EN  
[54] **ASTAXANTHIN SYNTHETASE**  
[54] **ASTAXANTHINE-SYNTHETASE**  
[72] OJIMA, KAZUYUKI, JP  
[72] HOSHINO, TATSUO, JP  
[72] SETOGUCHI, YUTAKA, JP  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2000-03-06  
[43] 2000-09-09  
[30] EP (99104668.1) 1999-03-09  
[30] EP (00101666.6) 2000-02-01

---

[21] **2,298,892**  
[13] A1

[51] **Int.Cl. 7C12N 15/867 7A61K 48/00 7C12N 5/10 7A61K 31/70**  
[25] EN  
[54] **LENTIVIRAL VECTORS DERIVED FROM SIVAGM, METHODS FOR THEIR PREPARATION AND THEIR USE FOR GENE TRANSFER INTO MAMMALIAN CELLS**  
[54] **VECTEURS LENTIVIRAUX DERIVES DU SIVAGM, METHODES POUR LES PREPARER ET LES UTILISER POUR LE TRANSFERT DE GENES DANS DES CELLULES MAMMALIENNES**  
[72] CICHUTEK, KLAUS, DE  
[71] BUNDESREPUBLIK DEUTSCHLAND, LETZTVERTRETEN DURCH DEN PRÄSIDENTEN DES PAU, DE  
[22] 2000-03-03  
[43] 2000-09-05  
[30] DE (199 09 769.0) 1999-03-05

---

[21] **2,298,933**  
[13] A1

[51] **Int.Cl. 7H04Q 7/24**  
[25] EN  
[54] **METHOD FOR TRANSFERRING DATA USING PERMANENT IDENTIFIER INCLUDING ROUTING INFORMATION**  
[54] **METHODE DE TRANSFERT DE DONNEES AVEC IDENTIFICATEURS PERMANENTS INDIQUANT L'INFORMATION DE ROUTAGE**  
[72] ROLLENDER, DOUGLAS HAROLD, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-17  
[43] 2000-09-03  
[30] US (09/261,737) 1999-03-03

---

---

[21] **2,298,936**  
[13] A1

[51] **Int.Cl. 7H04Q 7/24**  
[25] EN  
[54] **METHOD FOR TRANSFERRING DATA**  
[54] **METHODE DE TRANSFERT DE DONNEES**  
[72] ROLLENDER, DOUGLAS HAROLD, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-17  
[43] 2000-09-03  
[30] US (09/260,734) 1999-03-03

---

[21] **2,298,952**  
[13] A1

[51] **Int.Cl. 7B08B 9/045 7E21B 37/02**  
[25] EN  
[54] **CASING SCRAPER**  
[54] **CURETTE DE TUBAGE DE REVETEMENT**  
[72] SWIETLIK, GEORGE, GB  
[72] CLUBB, MATTHEW, GB  
[71] PILOT DRILLING CONTROL LIMITED, GB  
[22] 2000-02-18  
[43] 2000-09-03  
[30] GB (9904736.7) 1999-03-03

---

[21] **2,298,956**  
[13] A1

[51] **Int.Cl. 7C12N 15/33 7C12N 7/01 7A61K 39/12**  
[25] EN  
[54] **GENETICALLY ENGINEERED CELL CULTURE ADAPTED INFECTIOUS BURSAL DISEASES VIRUS (IBDV) MUTANTS**  
[54] **CULTURE DE CELLULES GENETIQUEMENT MODIFIEES ADAPTEE AUX MUTANTS DU VIRUS DE LA BURSITE INFECTIEUSE (IBVD)**  
[72] VAN LOON, ADRIAAN ANTONIUS WILHELMUS MARIA, NL  
[72] MUNDT, EGBERT, DE  
[71] AKZO NOBEL N.V., NL  
[22] 2000-03-02  
[43] 2000-09-05  
[30] EP (99200647.8) 1999-03-05

---

---

[21] **2,298,959**  
[13] A1

[51] **Int.Cl. 7B65D 33/24 7B65D 5/10**  
[25] EN  
[54] **HIGH COMPRESSION ZIPPER**  
[54] **FERMETURE A GLISSIERE A FORTE COMPRESSION**  
[72] MALIN, ART, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-02-18  
[43] 2000-09-03  
[30] US (09/261,852) 1999-03-03

---

[21] **2,298,962**  
[13] A1

[51] **Int.Cl. 7A61F 13/49**  
[25] EN  
[54] **DISPOSABLE UNDERGARMENT**  
[54] **SOUS-VETEMENT JETABLE**  
[72] OTSUBO, TOSHIFUMI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-02-18  
[43] 2000-09-05  
[30] JP (11-58646) 1999-03-05

---

[21] **2,298,986**  
[13]

[51] **Int.Cl. 7F02N 17/00 7F02D 15/00 7F02N 3/02**  
[25] EN  
[54] **A DECOMPRESSION DEVICE OF A FOUR-STROKE CYCLE INTERNAL COMBUSTION ENGINE**  
[54] **DISPOSITIF DE DECOMPRESSION POUR MOTEUR QUATRE TEMPS A COMBUSTION INTERNE**  
[72] IKUMA, TOMONORI, JP  
[72] SUZUKI, NOBUO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-02-17  
[43] 2000-09-09  
[30] JP (11-061586) 1999-03-09

---

[21] **2,299,005**  
[13] A1

[51] **Int.Cl. 7A47L 9/10 7A47L 9/18 7A47L 11/30**  
[25] EN  
[54] **CLEANING APPARATUS**  
[54] **APPAREIL DE NETTOYAGE**  
[72] LORINI, PAOLO, IT  
[71] S.I. EL S.R.L., IT  
[22] 2000-02-21  
[43] 2000-09-05  
[30] EP (99830119.6) 1999-03-05

---



Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,299,078**  
[13] A1  
[51] **Int.Cl. 7B22D 17/00 7B22D 21/04**  
[25] EN  
[54] **PROCESS FOR DIE-CASTING LIGHT-WEIGHT METALS**  
[54] **PROCEDE DE MOULAGE SOUS PRESSION DE METAUX LEGRS**  
[72] THURNER, HANS, DE  
[71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH  
[22] 2000-02-22  
[43] 2000-09-05  
[30] EP (99810195.0) 1999-03-05

---

[21] **2,299,080**  
[13] A1  
[51] **Int.Cl. 7C09B 57/08 7C09K 5/10 7C09K 5/20**  
[25] EN  
[54] **FLUORESCENT TRACER DYES**  
[54] **COLORANTS INDICATEURS DE FLUORESCENCE**  
[72] FRISWELL, MICHAEL ROBERT, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2000-02-22  
[43] 2000-09-04  
[30] US (09/262,729) 1999-03-04

---

[21] **2,299,141**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **A LIGHTWEIGHT INTERNET PROTOCOL ENCAPSULATION (LIPE) SCHEME FOR MULTIMEDIA TRAFFIC TRANSPORT**  
[54] **TECHNIQUE D'ENCAPSULAGE DE PROTOCOLE INTERNET LEGER (LIPE) POUR LE TRANSPORT DE TRAFIC MULTIMEDIA**  
[72] CHUAH, MOOI, US  
[72] YUE, ON-CHING, US  
[72] YAN, ANLU, US  
[72] FLEISCHER, WOLFGANG, GB  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-23  
[43] 2000-09-08  
[30] US (09/264,053) 1999-03-08

---

[21] **2,299,143**  
[13] A1  
[51] **Int.Cl. 7H04B 10/16**  
[25] EN  
[54] **OPTICAL AMPLIFIER ARRANGED TO OFFSET RAMAN GAIN**  
[54] **AMPLIFICATEUR OPTIQUE ARRANGE POUR COMPENSER LE GAIN RAMAN**  
[72] LIVESCU, GABRIELA, US  
[72] RAABE, CHRISTIAN, US  
[72] ZHOU, JIANHUI, US  
[72] SHEHADEH, FATIMAH, US  
[72] FISHMAN, DANIEL A., US  
[72] BODE, DIRK, DE  
[72] ZIRNGIBL, MARTIN, US  
[72] BERGER, MATTHIAS, DE  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-23  
[43] 2000-09-08  
[30] US (09/265,943) 1999-03-08

---

[21] **2,299,153**  
[13] A1  
[51] **Int.Cl. 7F41C 7/06**  
[25] FR  
[54] **ARME A FEU AVEC EJECTION VERS L'AVANT OU REPORTEE VERS L'AVANT DE L'ARME**  
[54] **FORWARD-EJECTING FIREARM OR WITH EJECTION DIRECTED TO THE FRONT OF THE WEAPON**  
[72] DENUIT, CHARLES, BE  
[71] FN HERSTAL, S.A., BE  
[22] 2000-02-23  
[43] 2000-09-04  
[30] BE (9900155) 1999-03-04

---

[21] **2,299,159**  
[13] A1  
[51] **Int.Cl. 7G02B 6/44**  
[25] EN  
[54] **A PROTECTIVE ELEMENT FOR COVERING THE LIGHT EXIT SURFACE ON AN OPTICAL COMPONENT IN PARTICULAR ON AN OPTICAL PLUG**  
[54] **ELEMENT PROTECTEUR COUVRANT LA SURFACE DE SORTIE LUMINEUSE D'UN COMPOSANT OPTIQUE, EN PARTICULIER UNE PRISE OPTIQUE**  
[72] VOLPI, FRANCO, CH  
[71] DIAMOND SA, CH  
[22] 2000-02-23  
[43] 2000-09-08  
[30] EP (99810198.4-2205) 1999-03-08

---

[21] **2,299,182**  
[13] A1  
[51] **Int.Cl. 7A61F 13/514**  
[25] EN  
[54] **LIQUID-IMPERVIOUS BACKSHEET FOR BODY FLUIDS DISPOSAL ARTICLE**  
[54] **PANNEAU ARRIERE IMPERMEABLE POUR ARTICLE D'ELIMINATION DE LIQUIDES ORGANIQUES**  
[72] IMAI, SHIGEO, JP  
[72] SUGIMURA, TORU, JP  
[72] IGAUE, TAKAMITSU, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-02-22  
[43] 2000-09-03  
[30] JP (11-55487) 1999-03-03

---

[21] **2,299,203**  
[13] A1  
[51] **Int.Cl. 7C10M 145/36**  
[25] EN  
[54] **LUBRICANT COMPOSITIONS EXHIBITING IMPROVED DEMULSE PERFORMANCE**  
[54] **COMPOSITIONS D'UN LUBRIFIANT AYANT UNE CAPACITE AMELIOREE POUR LA DEMULSIFICATION**  
[72] RYAN, HELEN THERESA, GB  
[71] ETHYL PETROLEUM ADDITIVES LIMITED, GB  
[22] 2000-02-17  
[43] 2000-09-03  
[30] EP (99301603.9) 1999-03-03

---

[21] **2,299,205**  
[13]  
[51] **Int.Cl. 7A61K 33/00 7A61K 45/00 7A61K 35/14 7A61M 1/14**  
[25] EN  
[54] **SUPER-OXYGENATED WATER SOLUTIONS AND METHODS OF USE**  
[54] **SOLUTIONS AQUEUSES SUPER-OXYGENEES ET METHODES D'UTILISATION**  
[72] MOHR, THOMAS J., CA  
[71] OXY L'EAU INC., CA  
[22] 2000-02-17  
[43] 2000-09-09  
[30] US (60/123,477) 1999-03-09

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,299,515**  
[13] A1

[51] **Int.Cl. 7G01G 3/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING LOSS IN WEIGHT OF FOOD PRODUCTS DURING PROCESSING**  
[54] **METHODE ET APPAREIL POUR MESURER LA PERTE DE POIDS DE PRODUITS ALIMENTAIRES PENDANT LA TRANSFORMATION**  
[72] WARDLE, DAVID G., GB  
[72] DAVENPORT, PAUL L., US  
[71] THE BOC GROUP, INC., US  
[22] 2000-02-25  
[43] 2000-09-03  
[30] US (09/261,423) 1999-03-03

---

[21] **2,299,564**  
[13] A1

[51] **Int.Cl. 7A47L 5/38 7A47L 9/28**  
[25] EN  
[54] **IMPROVED CLEANING APPARATUS FOR CENTRAL VACUUM SYSTEM**  
[54] **APPAREIL DE NETTOYAGE AMELIORE POUR SYSTEME CENTRAL D'ASPIRATION**  
[72] GRAHAM, BERNARD, CA  
[71] GRAHAM, BERNARD, CA  
[22] 2000-02-25  
[43] 2000-09-05  
[30] US (60/123,529) 1999-03-05

---

[21] **2,299,590**  
[13] A1

[51] **Int.Cl. 7F16K 17/22 7F16K 25/00**  
[25] EN  
[54] **GAS VALVE WITH NATURAL/LP GAS CONVERSION CAPABILITY**  
[54] **SOUPAPE DE GAZ PERMETTANT LA CONVERSION GAZ NATUREL/GAZ DE PETROLE LIQUEFIE**  
[72] DALTON, JAMES M., US  
[72] NELSON, MARVIN D., US  
[72] DIETIKER, PAUL, US  
[71] HONEYWELL INC., US  
[22] 2000-02-24  
[43] 2000-09-03  
[30] US (09/261,829) 1999-03-03

---

[21] **2,299,601**  
[13] A1

[51] **Int.Cl. 7C08F 12/08 7C09K 3/00 7C08F 279/02 7C08F 112/08 7C08F 212/08 7C08F 6/28**  
[25] EN  
[54] **POLYMER DEVOLATILISATION PROCESS**  
[54] **PROCEDE DE DEGAZAGE D'UN POLYMERE**  
[72] CRAIG, THOMAS ORR, GB  
[71] NOVA CHEMICALS EUROPE LIMITED, GB  
[22] 2000-02-25  
[43] 2000-09-03  
[30] GB (9904897.7) 1999-03-03

---

[21] **2,299,638**  
[13] A1

[51] **Int.Cl. 7B23H 1/00**  
[25] EN  
[54] **PLASMA DISCHARGE TRUING APPARATUS AND FINE-MACHINING METHODS USING THE APPARATUS**  
[54] **DEGAUCHISSEUSE A DECHARGE DE PLASMA ET METHODES D'USINAGE DE PRECISION A L'AIDE DE CETTE MACHINE**  
[72] OHMORI, HITOSHI, JP  
[72] YAMAGATA, YUTAKA, JP  
[72] MORIYASU, SEI, JP  
[71] RIKEN, JP  
[22] 2000-02-28  
[43] 2000-09-03  
[30] JP (558907/1999) 1999-03-03

---

[21] **2,299,639**  
[13] A1

[51] **Int.Cl. 7G06F 15/18 7G11B 23/00 7H04M 3/42**  
[25] EN  
[54] **ADAPTIVE RULE-BASED MECHANISM AND METHOD FOR FEATURE INTERACTION RESOLUTION**  
[54] **MECANISME ADAPTIF BASE SUR DES REGLES ET METHODE DE RESOLUTION D'INTERACTIONS DE CARACTERISTIQUES**  
[72] WEISS, MICHAEL, CA  
[72] WARE, TOM, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-02-28  
[43] 2000-09-05  
[30] GB (9905156.7) 1999-03-05  
[30] GB (9919941.6) 1999-08-23

---

[21] **2,299,641**  
[13] A1

[51] **Int.Cl. 7H01P 1/12**  
[25] EN  
[54] **COMPACT WAVEGUIDE "T" SWITCH**  
[54] **COMMUTATEUR DE GUIDE D'ONDES EN T COMPACT**  
[72] ANDO, MICHAEL N., US  
[72] KICH, ROLF, US  
[71] HUGHES ELECTRONICS CORPORATION, US  
[22] 2000-02-28  
[43] 2000-09-05  
[30] US (262,999) 1999-03-05

---

[21] **2,299,643**  
[13] A1

[51] **Int.Cl. 7H04B 7/185**  
[25] EN  
[54] **SUPPLEMENTAL SATELLITE FUNCTION ENHANCEMENT TECHNIQUES**  
[54] **TECHNIQUES SUPPLEMENTAIRES D'AMELIORATION DES FONCTIONS DE SATELLITE**  
[72] SAUNDERS, OLIVER W., US  
[71] TRW INC., US  
[22] 2000-02-28  
[43] 2000-09-04  
[30] US (09/262,551) 1999-03-04

---

[21] **2,299,660**  
[13] A1

[51] **Int.Cl. 7F16F 7/00 7F16F 7/01**  
[25] FR  
[54] **AGENCEMENT STRUCTUREL REDUCTEUR DE CHOC**  
[54] **SHOCK REDUCING STRUCTURAL FIXTURE**  
[72] YOUSSEFI, THIERRY, FR  
[72] BODIN, EMMANUEL, FR  
[72] BREVART, BERTRAND, FR  
[71] ALCATEL, FR  
[22] 2000-02-29  
[43] 2000-09-04  
[30] FR (99 02 684) 1999-03-04

---

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,299,665**  
[13] A1  
[51] **Int.Cl. 7H04L 12/26**  
[25] FR  
[54] **PROCEDE POUR AVERTIR UN  
OBJET DE L'INACCESSIBILITE  
D'AUTRES OBJETS DANS UN  
ENVIRONNEMENT D'OBJETS  
DISTRIBUES**  
[54] **PROCESS FOR WARNING AN  
OBJECT OF THE INACCESSIBILITY  
OF OTHER OBJECTS WITHIN A  
DISTRIBUTED OBJECTS  
ENVIRONMENT**  
[72] PIETRE, ARMEL, FR  
[72] BANCTEL, FABRICE, FR  
[72] FERAY, ALEXANDRE, FR  
[71] ALCATEL, FR  
[22] 2000-02-22  
[43] 2000-09-04  
[30] FR (99 02 683) 1999-03-04

---

[21] **2,299,680**  
[13] A1  
[51] **Int.Cl. 7H04B 7/185**  
[25] EN  
[54] **SUPPLEMENTAL SATELLITE  
COMMUNICATION ENHANCEMENT  
TECHNIQUES**  
[54] **TECHNIQUES  
SUPPLEMENTAIRES  
D'AMELIORATION DES  
COMMUNICATIONS PAR SATELLITE**  
[72] SAUNDERS, OLIVER W., US  
[71] TRW INC., US  
[22] 2000-02-28  
[43] 2000-09-04  
[30] US (09/262,418) 1999-03-04

---

[21] **2,299,728**  
[13] A1  
[51] **Int.Cl. 7A61M 5/32**  
[25] EN  
[54] **MEDICAL SYRINGE AND  
ASSEMBLY PROCEDURE**  
[54] **SERINGUE MEDICALE ET  
PROCEDURE D'ASSEMBLAGE**  
[72] HUND, PETRA, DE  
[72] OTTO, THOMAS, DE  
[72] VETTER, UDO J., DE  
[71] ARZNEIMITTEL GMBH  
APOTHEKER VETTER & CO.  
RAVENSBURG, DE  
[22] 2000-02-28  
[43] 2000-09-05  
[30] DE (199 09 824.7-41) 1999-03-05

---

---

[21] **2,299,756**  
[13]  
[51] **Int.Cl. 7B60B 17/00 7B61B 3/00  
7B66C 17/00 7B66C 7/02**  
[25] EN  
[54] **TROLLEY WHEEL TREAD AND  
FLANGE**  
[54] **SURFACE DE ROULEMENT ET  
BOUDIN POUR GALET DE CHARIOT**  
[72] WAEDEKIN, CURT J., US  
[71] MHE TECHNOLOGIES, INC., US  
[22] 2000-02-28  
[43] 2000-09-09  
[30] US (09/265,281) 1999-03-09

---

[21] **2,299,763**  
[13] A1  
[51] **Int.Cl. 7A61B 5/15**  
[25] EN  
[54] **APPARATUS FOR  
WITHDRAWING BLOOD FOR  
DIAGNOSTIC PURPOSES**  
[54] **APPAREIL POUR PRELEVER DU  
SANG A DES FINS DIAGNOSTIQUES**  
[72] FORSTER, RICHARD, DE  
[72] KUHR, HANS JURGEN, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[22] 2000-02-29  
[43] 2000-09-05  
[30] DE (199 09 602.3) 1999-03-05

---

[21] **2,299,773**  
[13]  
[51] **Int.Cl. 7H04L 12/26 7G06F 11/30**  
[25] EN  
[54] **MONITORING OF INDIVIDUAL  
INTERNET USAGE**  
[54] **SURVEILLANCE DE  
L'UTILISATION D'INTERNET PAR UN  
PARTICULIER**  
[72] HAITSUKA, STACY, US  
[72] ZEBIAN, MARWAN, US  
[72] BLASER, SHANE, US  
[72] WARREN, TERRY, US  
[72] BURR, RONALD, US  
[72] MACKENZIE, HAROLD, US  
[71] NETZERO, INC., US  
[22] 2000-02-28  
[43] 2000-09-09  
[30] US (09/324,747) 1999-03-09  
[30] US (09/349,325) 1999-06-03

---

---

[21] **2,299,782**  
[13] A1  
[51] **Int.Cl. 7C07C 229/12 7C07C 227/02**  
[25] EN  
[54] **PREPARATION OF SOLUTIONS  
OF BETANE**  
[54] **PREPARATION DE SOLUTIONS  
DE BETAINE**  
[72] RAMPRASAD, DORAI, US  
[72] WALLER, FRANCIS JOSEPH, US  
[72] CARROLL, WILLIAM EAMON, US  
[71] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 2000-02-28  
[43] 2000-09-05  
[30] US (09/263,469) 1999-03-05

---

[21] **2,299,804**  
[13] A1  
[51] **Int.Cl. 7F16H 61/28 7F16H 3/62  
7F16H 3/78**  
[25] EN  
[54] **CONTROL DEVICE FOR VEHICLE  
AUTOMATIC TRANSMISSION**  
[54] **DISPOSITIF DE COMMANDE  
POUR TRANSMISSION  
AUTOMATIQUE DE VEHICULE**  
[72] NAKAJIMA, KENJI, JP  
[72] TAKAHASHI, TOORU, JP  
[72] FUJIOKA, MASATO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-03-01  
[43] 2000-09-03  
[30] JP (HEI 11-55906) 1999-03-03

---

[21] **2,299,805**  
[13] A1  
[51] **Int.Cl. 7G06F 17/00 7A63F 13/00**  
[25] EN  
[54] **MAXIMUM BONUS PAY  
SCHEDULE METHOD AND  
APPARATUS FOR A GAMING  
MACHINE**  
[54] **METHODE DE PAIEMENT DE  
PRIMES MAXIMALES SELON UN  
BAREME ET APPAREIL POUR  
MACHINE DE JEU**  
[72] LEMAY, STEVEN G., US  
[72] HUGHS-BAIRD, ANDREA C., US  
[71] INTERNATIONAL GAME  
TECHNOLOGY, US  
[22] 2000-03-01  
[43] 2000-09-08  
[30] US (09/264,250) 1999-03-08

---

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,299,813**  
[13] A1

[51] **Int.Cl. 7H01L 21/302**  
[25] EN  
[54] **METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE CAPABLE OF AVOIDING FLAWS AND EROSION CAUSED BY METAL CMP PROCESS**  
[54] **METHODE DE FABRICATION D'UN DISPOSITIF A SEMICONDUCTEURS PERMETTANT D'EVITER LES DEFAUTS ET L'EROSION CAUSES PAR LE PROCEDE DE POLISSAGE MECANOCHIMIQUE DE METAL**  
[72] KUNUGI, TAKAHARU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-03-01  
[43] 2000-09-05  
[30] JP (11-057947) 1999-03-05

---

[21] **2,299,815**  
[13] A1

[51] **Int.Cl. 7F01D 25/14 7F01D 9/04 7F01D 25/24**  
[25] EN  
[54] **GAS TURBINE SPLIT RING**  
[54] **BAGUES FENDUES DE TURBINE A GAZ**  
[72] SATO, YOSHICHIKA, JP  
[72] KATAOKA, MASAHITO, JP  
[72] SUENAGA, KIYOSHI, JP  
[72] TOMITA, YASUOKI, JP  
[72] WATANABE, KOJI, JP  
[72] KUWABARA, MASAMITSU, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-03-01  
[43] 2000-09-03  
[30] JP (11-055155) 1999-03-03

---

[21] **2,299,820**  
[13] A1

[51] **Int.Cl. 7G02B 6/42**  
[25] EN  
[54] **A METHOD OF AND A DEVICE FOR COUPLING OPTICAL FIBRES AND OPTO-ELECTRONIC COMPONENTS**  
[54] **METHODE ET DISPOSITIF DE COUPLAGE DE FIBRES OPTIQUES ET DE COMPOSANTS OPTO-ELECTRONIQUES**  
[72] DELPIANO, FRANCO, IT  
[72] PESANDO, LUCA, IT  
[71] OTC - OPTICAL TECHNOLOGIES CENTER S.R.L., IT  
[22] 2000-03-02  
[43] 2000-09-03  
[30] IT (TO99A 000159) 1999-03-03

---

---

[21] **2,299,821**  
[13] A1

[51] **Int.Cl. 7H04L 5/06 7H04L 27/12 7H04L 27/14**  
[25] EN  
[54] **VARIABLE TRANSMISSION RATE DIGITAL MODEM WITH MULTI-RATE FILTER BANK**  
[54] **MODEM NUMERIQUE A VITESSE DE TRANSMISSION VARIABLE ET BANC DE FILTRES A VITESSES MULTIPLES**  
[72] KAZAMA, HIROSHI, JP  
[72] KOBAYASHI, KIYOSHI, JP  
[72] TANABE, KAZUHIRO, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 2000-03-01  
[43] 2000-09-04  
[30] JP (11-056772) 1999-03-04  
[30] JP (11-222053) 1999-08-05

---

[21] **2,299,822**  
[13] A1

[51] **Int.Cl. 7B61F 5/22 7G01C 9/02 7B61K 9/08**  
[25] EN  
[54] **INCLINATION CONTROL FOR A RAIL-MOUNTED VEHICLE**  
[54] **COMMANDE D'INCLINAISON POUR VEHICULE SUR RAILS**  
[72] KLINGEBIEL, MANFRED, DE  
[71] DAIMLERCHRYSLER AG, DE  
[22] 2000-03-01  
[43] 2000-09-08  
[30] DE (199 10 255.4) 1999-03-08

---

[21] **2,299,832**  
[13] A1

[51] **Int.Cl. 7G02B 26/08**  
[25] EN  
[54] **OPTICAL SWITCH AND METHOD OF MAKING THE SAME**  
[54] **COMMUTATEUR OPTIQUE ET METHODE DE FABRICATION CONNEXE**  
[72] KATO, YOSHICHIKA, JP  
[72] MORI, KEIICHI, JP  
[71] JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, JP  
[22] 2000-03-02  
[43] 2000-09-04  
[30] JP (057427/99) 1999-03-04  
[30] JP (058297/99) 1999-03-05

---

---

[21] **2,299,834**  
[13] A1

[51] **Int.Cl. 7F16L 25/02 7F16L 19/04**  
[25] EN  
[54] **FLUID CONDUCTING CONNECTOR ASSEMBLY**  
[54] **RACCORD CONDUCTEUR DE LIQUIDE**  
[72] HALSTEAD, MARK, US  
[71] BRASS-CRAFT MANUFACTURING COMPANY, US  
[22] 2000-03-02  
[43] 2000-09-03  
[30] US (60/122,639) 1999-03-03  
[30] US (UNKNOWN) 2000-02-09

---

[21] **2,299,836**  
[13] A1

[51] **Int.Cl. 7F15B 13/06 7F15B 13/04 7F15B 21/10 7E02F 9/22**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DRIVING A HYDRAULIC SYSTEM OF A CONSTRUCTION MACHINE, IN PARTICULAR A HYDRAULIC EXCAVATOR**  
[54] **APPAREIL ET METHODE D'ENTRAINEMENT D'UN SYSTEME HYDRAULIQUE DE MACHINE DE CONSTRUCTION, EN PARTICULIER UNE PELLE HYDRAULIQUE**  
[72] MEYER, JOACHIM, DE  
[72] EHRICH, GERD, DE  
[71] KOMATSU MINING GERMANY GMBH, DE  
[22] 2000-03-02  
[43] 2000-09-04  
[30] DE (199 11 440.4) 1999-03-04

---

[21] **2,299,837**  
[13] A1

[51] **Int.Cl. 7H05K 1/18**  
[25] EN  
[54] **ELECTRICAL COMPONENT FOR SURFACE-MOUNTING ON A CIRCUIT BOARD**  
[54] **COMPOSANT ELECTRIQUE A MONTAGE DE SURFACE SUR CARTE IMPRIMEE**  
[72] ISAC, VICTOR, CA  
[71] WECO ELECTRICAL CONNECTORS INC., CA  
[22] 2000-03-02  
[43] 2000-09-03  
[30] US (09/261,248) 1999-03-03

---

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,299,843**  
[13] A1  
[51] **Int.Cl. 7F04C 18/02 7F25B 31/00**  
[25] EN  
[54] **SCROLL TYPE COMPRESSOR**  
[54] **COMPRESSEUR A VOLUTE**  
[72] HOASHI, ISAO, JP  
[71] SANDEN CORPORATION, JP  
[22] 2000-03-02  
[43] 2000-09-04  
[30] JP (11-56475) 1999-03-04

---

[21] **2,299,847**  
[13] A1  
[51] **Int.Cl. 7B60K 15/04 7B67D 5/04**  
**7B60K 15/077**  
[25] EN  
[54] **FUEL-TRANSFER SYSTEM**  
[54] **SYSTEME DE TRANSFERT DE**  
**CARBURANT**  
[72] BEYER, BARRY A., US  
[72] GROLL, STEVEN E., US  
[72] WILLIAMSON, BRIAN J., US  
[72] DEVAL, JEFFREY, US  
[71] STANT MANUFACTURING INC., US  
[22] 2000-03-01  
[43] 2000-09-03  
[30] US (09/261,350) 1999-03-03

---

[21] **2,299,849**  
[13] A1  
[51] **Int.Cl. 7B60K 6/02 7B60L 15/20**  
[25] EN  
[54] **ENGINE CONTROL SYSTEM FOR**  
**HYBRID VEHICLE**  
[54] **SYSTEME DE COMMANDE**  
**MOTEUR POUR VEHICULE HYBRIDE**  
[72] IZUMIURA, ATSUSHI, JP  
[72] KURODA, SHIGETAKA, JP  
[72] MATSUBARA, ATSUSHI, JP  
[72] OKI, HIDEYUKI, JP  
[72] KIYOMIYA, TAKASHI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-03-02  
[43] 2000-09-09  
[30] JP (11-062412) 1999-03-09

---

[21] **2,299,858**  
[13] A1  
[51] **Int.Cl. 7H05K 7/14**  
[25] EN  
[54] **MOUNTING SYSTEM TO**  
**SUPPORT ELECTRICAL**  
**COMPONENTS IN A STACKED**  
**RELATIONSHIP TO ONE ANOTHER**  
[54] **SYSTEME DE MONTAGE**  
**D'ELEMENTS ELECTRIQUES**  
**EMPILES**  
[72] JUSTINIANO, JOSEPH G., US  
[72] ESTANISLAO, DANILO F., US  
[71] LEVITON MANUFACTURING CO.,  
INC., US  
[22] 2000-03-01  
[43] 2000-09-05  
[30] US (09/263,915) 1999-03-05

---

[21] **2,299,859**  
[13] A1  
[51] **Int.Cl. 7G06K 9/62**  
[25] EN  
[54] **PATTERN REGOGNITION**  
**PROCESS**  
[54] **PROCESSUS DE**  
**RECONNAISSANCE DES FORMES**  
[72] CARIOU, CLAUDE, FR  
[72] GARDES, JOEL, FR  
[72] IVIGLIA, JOEL, FR  
[72] OGIER, JEAN-MARC, FR  
[71] FRANCE TELECOM, FR  
[22] 2000-03-01  
[43] 2000-09-03  
[30] FR (99 02632) 1999-03-03

---

[21] **2,299,860**  
[13] A1  
[51] **Int.Cl. 7B09C 1/06 7B08B 7/00 7B09B**  
**5/00**  
[25] EN  
[54] **INSTALLATION FOR THE**  
**VACUUM-THERMAL TREATMENT OF**  
**MATERIALS**  
[54] **INSTALLATION POUR LE**  
**TRAITEMENT THERMIQUE SOUS**  
**VIDE DE MATERIAUX**  
[72] MOLITOR, GEORGE, DE  
[72] MELBER, ALBRECHT, DE  
[72] BRUCKAMP, JORG, DE  
[72] WANETZKY, ERWIN, DE  
[71] ALD VACUUM TECHNOLOGIES  
AKTIENGESELLSCHAFT, DE  
[22] 2000-03-02  
[43] 2000-09-04  
[30] DE (199 09 441.1) 1999-03-04

---

[21] **2,299,862**  
[13] A1  
[51] **Int.Cl. 7H05B 41/24**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT AND**  
**METHOD FOR OPERATING AT LEAST**  
**ONE HIGH-PRESSURE DISCHARGE**  
**LAMP**  
[54] **CIRCUIT ET METHODE DE**  
**FONCTIONNEMENT D'AU MOINS UNE**  
**LAMPE A DECHARGE A HAUTE**  
**PRESSION**  
[72] RUPP, ARNULF, DE  
[72] HIRSCHMANN, GUENTHER, DE  
[72] THIEL, GERWIN, DE  
[71] PATENT-TREUHAND-  
GESELLSCHAFT FUR ELEKTRISCHE  
GLUEHLAMPEN MBH, DE  
[22] 2000-03-02  
[43] 2000-09-04  
[30] DE (19909530.2) 1999-03-04

---

[21] **2,299,863**  
[13] A1  
[51] **Int.Cl. 7H05B 37/00**  
[25] EN  
[54] **METHOD FOR STARTING UP THE**  
**ELECTRICAL EQUIPMENT OF A**  
**LIGHTING SYSTEM**  
[54] **METHODE DE MISE EN MARCHE**  
**DE L'EQUIPEMENT ELECTRIQUE**  
**D'UN RESEAU D'ECLAIRAGE**  
[72] PILZ, AXEL, DE  
[72] HUBER, ANDREAS, DE  
[71] PATENT-TREUHAND-  
GESELLSCHAFT FUR ELEKTRISCHE  
GLUEHLAMPEN MBH, DE  
[22] 2000-03-02  
[43] 2000-09-05  
[30] DE (199009646.5) 1999-03-05

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,299,864**  
[13] A1

[51] **Int.Cl. 7H01J 61/00**  
[25] EN  
[54] **HIGH-PRESSURE DISCHARGE LAMP HAVING A BASE AT ONE END AND A STARTING DEVICE INTEGRATED IN THE BASE**  
[54] **LAMPE A DECHARGE A HAUTE PRESSION COMPRENANT UNE BASE A UNE EXTREMITE ET UN DISPOSITIF D'AMORCAGE INTEGRE A LA BASE**  
[72] HIRSCHMANN, GUENTHER, DE  
[72] RUPP, ARNULF, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2000-03-02  
[43] 2000-09-04  
[30] DE (19909529.9) 1999-03-04

---

[21] **2,299,866**  
[13] A1

[51] **Int.Cl. 7G06F 9/44 7G11B 23/30 7G06F 17/50**  
[25] EN  
[54] **DOCUMENT AND TASK COORDINATION SYSTEM FOR A COMPUTER**  
[54] **SYSTEME DE COORDINATION DE DOCUMENTS ET DE TACHES D'ORDINATEUR**  
[72] PERROUX, FRANCOIS, FR  
[72] NICOLAS, ALAIN, FR  
[72] VU, DUY MINH, FR  
[71] DASSAULT SYSTEMES, FR  
[22] 2000-03-01  
[43] 2000-09-05  
[30] US (09/263,146) 1999-03-05

---

[21] **2,299,870**  
[13] A1

[51] **Int.Cl. 7G06F 3/14 7G11B 23/00**  
[25] EN  
[54] **SOFTWARE INTERFACE**  
[54] **INTERFACE LOGICIELLE**  
[72] PERROUX, FRANCOIS, FR  
[72] VU, DUY MINH, FR  
[71] DASSAULT SYSTEMES, FR  
[22] 2000-03-01  
[43] 2000-09-03  
[30] US (09/261,657) 1999-03-03

---

---

[21] **2,299,871**  
[13] A1

[51] **Int.Cl. 7C07C 307/02 7C05C 9/00 7C05G 1/00**  
[25] EN  
[54] **DIUREIDES AND THEIR USE**  
[54] **DIUREIDES ET UTILISATION DE CES PRODUITS**  
[72] DRESSEL, JURGEN, DE  
[72] WISSEMEIER, ALEXANDER, DE  
[72] BOERNER, FRANK, DE  
[72] KOSSMEHL, GERHARD, DE  
[72] WEIGELT, WOLFGANG, DE  
[72] ERHARDT, KLAUS, DE  
[72] HORCHLER VON LOCQUENGHEN, KLAUS, DE  
[71] DRESSEL, JURGEN, DE  
[71] WISSEMEIER, ALEXANDER, DE  
[71] BOERNER, FRANK, DE  
[71] VON LOCQUENGHEN, KLAUS HORCHLER, DE  
[71] KOSSMEHL, GERHARD, DE  
[71] WEIGELT, WOLFGANG, DE  
[71] ERHARDT, KLAUS, DE  
[71] HORCHLER VON LOCQUENGHEN, KLAUS, DE  
[22] 2000-03-01  
[43] 2000-09-03  
[30] DE (19909334.2) 1999-03-03  
[30] DE (19958030.8) 1999-12-02

---

[21] **2,299,873**  
[13] A1

[51] **Int.Cl. 7G02F 1/29**  
[25] EN  
[54] **PROGRAMMABLE DEMULTIPLEXER USING ELECTRO-OPTIALLY MODULATED POLYMERIC GRATING ARRAY**  
[54] **DEMULTIPLEXEUR PROGRAMMABLE UTILISANT UN RESEAU A GRILLE POLYMERE A MODULATION ELECTRO-OPTIQUE**  
[72] SUN, DE-GUI, CA  
[71] NU-WAVE PHOTONICS INC., CA  
[22] 2000-03-01  
[43] 2000-09-03  
[30] CA (2,264,324) 1999-03-03

---

---

[21] **2,299,879**  
[13] A1

[51] **Int.Cl. 7B25D 1/12**  
[25] EN  
[54] **SHOCK ABSORBING HAMMER AND HANDLE ASSEMBLY**  
[54] **ENSEMBLE MARTEAU-PIQUEUR ET POIGNEE AMORTISSEUR**  
[72] PRINGLE, DAVID L., US  
[72] GIERER, JOSEPH T., US  
[71] EMERSON ELECTRIC CO., US  
[22] 2000-03-01  
[43] 2000-09-03  
[30] US (09/261,643) 1999-03-03

---

[21] **2,299,882**  
[13] A1

[51] **Int.Cl. 7F16D 43/00 7F16H 9/00 7F16H 9/12 7B62D 55/125**  
[25] EN  
[54] **ADJUSTABLE RAMP HELIX**  
[54] **RAMPE HELICOIDALE REGLABLE**  
[72] LEE, KENT, US  
[71] LEE, KENT, US  
[22] 2000-03-01  
[43] 2000-09-03  
[30] US (60/122,250) 1999-03-03  
[30] US (09/516,752) 2000-03-02

---

---

[21] **2,299,892**  
[13] A1

[51] **Int.Cl. 7H02G 9/04 7H02G 3/38**  
[25] EN  
[54] **WIREWAY SYSTEM HAVING A PIVOTABLE COVER**  
[54] **SYSTEME DE GOULOTTE GUIDE-FILS A COUVERCLE TOURNANT**  
[72] VANDERVELDE, CHARLES F., US  
[72] WIENCEK, DONALD C., US  
[71] PANDUIT CORP., US  
[22] 2000-02-29  
[43] 2000-09-03  
[30] US (09/261,881) 1999-03-03

---

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,299,894**  
[13] A1  
[51] **Int.Cl. 7C08F 8/00 7A61M 1/16 7A61K 47/48**  
[25] EN  
[54] **SEPARATION PROCESS**  
[54] **PROCEDE DE SEPARATION**  
[72] unknown, ZZ  
[72] BUCHA, ELKE, DE  
[72] NOWAK, GOTZ, DE  
[71] HAEMOSYS GMBH, DE  
[22] 2000-03-02  
[43] 2000-09-04  
[30] DE (199 09 584.1) 1999-03-04

---

[21] **2,299,895**  
[13] A1  
[51] **Int.Cl. 7H04J 13/04 7G11B 23/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SCHEDULING CORRELATION OPERATIONS OF A DS-CDMA SHARED CORRELATOR**  
[54] **APPAREILLAGE ET METHODE DE SEQUENCEMENT DES OPERATIONS DE MISE EN CORRELATION D'UN CORRELATEUR PARTAGE DS-CDMA**  
[72] BURNS, GEOFFREY FRANCIS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-29  
[43] 2000-09-04  
[30] US (09/262,280) 1999-03-04

---

[21] **2,299,896**  
[13] A1  
[51] **Int.Cl. 7G06F 3/033 7G11B 23/00 7G09G 5/37**  
[25] EN  
[54] **SELECTION NAVIGATOR**  
[54] **NAVIGATEUR DE SELECTION**  
[72] VU, DUY MINH, FR  
[71] DASSAULT SYSTEMES, FR  
[22] 2000-03-01  
[43] 2000-09-08  
[30] US (09/265,136) 1999-03-08

---

[21] **2,299,898**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **METHOD AND SYSTEM FOR ENTERPRISE SERVICE BALANCING**  
[54] **METHODE ET DISPOSITIF D'EQUILIBRAGE DE SERVICES D'ENTREPRISE**  
[72] EDWARDS, THOMAS J., US  
[71] MOSAIX, INC., US  
[22] 2000-02-29  
[43] 2000-09-08  
[30] US (09/264,497) 1999-03-08

---

[21] **2,299,905**  
[13] A1  
[51] **Int.Cl. 7B32B 5/18 7C08J 9/36 7C08G 18/42 7C08G 18/72**  
[25] EN  
[54] **COMPOSITES COMPRISING A HYDROPHILIC POLYESTER-POLYURETHANE FOAMED MATERIAL AND A PROCESS FOR THE PRODUCTION OF COMPOSITE MATERIALS FOR VEHICLE INTERIOR TRIM**  
[54] **COMPOSITES COMPRENANT UN MATERIAU HYDROPHILE EN MOUSSE DE POLYESTER-POLYURETHANE ET PROCEDE DE PRODUCTION DU MATERIAU COMPOSITE POUR LA GARNITURE INTERIEURE DE VEHICULES**  
[72] BAATZ, GUNTHER, DE  
[72] HERZOG, KLAUS-PETER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-03-02  
[43] 2000-09-06  
[30] DE (19909978.2) 1999-03-06

---

[21] **2,299,906**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/18 7C12Q 1/00 7C12Q 1/24 7G01N 33/569**  
[25] EN  
[54] **RAPID ELECTROCHEMICAL ASSAY FOR ANTIBIOTIC AND CYTOTOXIC DRUG SUSCEPTIBILITY IN MICROORGANISMS**  
[54] **EPREUVE ELECTROCHIMIQUE RAPIDE POUR EVALUER LA SENSIBILITE DES MICROORGANISMES AUX ANTIBIOTIQUES ET AUX MEDICAMENTS CYTOTOXIQUES**  
[72] MIKKELSEN, SUSAN R., CA  
[72] ERTL, PETER, CA  
[71] MIKKELSEN, SUSAN R., CA  
[22] 2000-03-02  
[43] 2000-09-03  
[30] US (09/261,195) 1999-03-03

---

[21] **2,299,907**  
[13] A1  
[51] **Int.Cl. 7G02F 1/035**  
[25] EN  
[54] **HIGH-PERFORMANCE ELECTRO-OPTIC INTENSITY MODULATOR USING POLYMERIC WAVEGUIDES AND GRATING MODULATION**  
[54] **MODULATEUR D'INTENSITE ELECTRO-OPTIQUE A HAUT RENDEMENT FAISANT APPEL A DES GUIDES D'ONDES POLYMERES ET A LA MODULATION DE RESEAU**  
[72] SUN, DE-GUI, CA  
[71] NU-WAVE PHOTONICS INC., CA  
[22] 2000-03-02  
[43] 2000-09-05  
[30] CA (2,265,015) 1999-03-05

---

[21] **2,299,908**  
[13] A1  
[51] **Int.Cl. 7G11C 8/12 7G11B 20/10**  
[25] EN  
[54] **NONVOLATILE MEMORY AND NONVOLATILE MEMORY REPRODUCING APPARATUS**  
[54] **MEMOIRE REMANENTE ET APPAREIL DE REPRODUCTION DE MEMOIRE REMANENTE**  
[72] KIHARA, NOBUYUKI, JP  
[72] YOKOTA, TEPPEI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-03-02  
[43] 2000-09-03  
[30] JP (P11-055860) 1999-03-03  
[30] JP (P11-178188) 1999-06-24  
[30] JP (P11-347474) 1999-12-07

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,299,913**  
[13] A1

[51] **Int.Cl. 7F16K 7/07 7F16K 31/126**  
[25] EN  
[54] **FLUIDIC PINCH VALVE SYSTEM**  
[54] **ROBINET-VANNE FLUIDIQUE A MANCHON DEFORMABLE**  
[72] RIIKONEN, ESKO A., US  
[71] RIIKONEN, ESKO A., US  
[22] 2000-03-03  
[43] 2000-09-05  
[30] US (09/263,515) 1999-03-05

---

[21] **2,299,916**  
[13] A1

[51] **Int.Cl. 7A01B 1/08 7A01B 1/12**  
[25] EN  
[54] **GARDENING TOOL**  
[54] **OUTIL DE JARDINAGE**  
[72] HARPELL, WILLIAM, CA  
[71] HARPELL, WILLIAM, CA  
[22] 2000-03-03  
[43] 2000-09-08  
[30] US (09/263,493) 1999-03-08

---

[21] **2,299,918**  
[13] A1

[51] **Int.Cl. 7B31B 35/26**  
[25] EN  
[54] **METHOD FOR PRODUCING PACKAGING MEANS MADE OF PLASTIC FOIL OR SIMILAR HEAT-SEALABLE MATERIAL**  
[54] **METHODE DE PRODUCTION DE SACS D'EMBALLAGE A PARTIR DE PELLICULES DE PLASTIQUE OU DE MATERIAUX THERMOCOLLABLES SEMBLABLES**  
[72] BRONSTRUP, VOLKER, DE  
[71] KLAUS REINHOLD MASCHINEN-UND GERÄTEBAU GMBH, DE  
[22] 2000-03-03  
[43] 2000-09-08  
[30] DE (199 10 264.3) 1999-03-08

---

---

[21] **2,299,919**  
[13] A1

[51] **Int.Cl. 7G01N 1/22 7F16L 55/00 7G08B 17/10 7G01N 1/10 7G01N 1/14 7G01N 1/24**  
[25] EN  
[54] **DUCT DETECTOR**  
[54] **DETECTEUR A TUBES**  
[72] THORP, EDWARD J., US  
[72] TICE, LEE D., US  
[72] SCHOENFELDER, GEORGE A., US  
[72] WIEMEYER, JAMES F., US  
[71] PITTSWAY CORPORATION, US  
[22] 2000-03-03  
[43] 2000-09-04  
[30] US (60/123,081) 1999-03-04  
[30] US (60/156,834) 1999-09-30  
[30] US (09/518,053) 2000-03-02

---

[21] **2,299,920**  
[13] A1

[51] **Int.Cl. 7B21D 55/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING PRESS TOOL FAILURE**  
[54] **METHODE ET APPAREIL POUR DETECTER LES DEFAILLANCES D'OUTILS DE PRESSE**  
[72] ROSE, CHRISTOPHER P., US  
[72] MONAHAN, RANDY, US  
[72] HAMULAK, MICHAEL A., US  
[72] PRITCHARD, ROBERT D., US  
[71] A.J. ROSE MANUFACTURING COMPANY, US  
[22] 2000-03-03  
[43] 2000-09-04  
[30] US (09/262,476) 1999-03-04

---

[21] **2,299,921**  
[13] A1

[51] **Int.Cl. 7E05C 3/12**  
[25] EN  
[54] **MODULAR LATCH APPARATUS AND METHOD**  
[54] **METHODE ET APPAREIL DE VERROUILLAGE MODULAIRE**  
[72] RITZ, ALAN J., US  
[72] DIMIG, STEVEN J., US  
[71] STRATTEC SECURITY CORPORATION, US  
[22] 2000-03-03  
[43] 2000-09-05  
[30] US (09/263,415) 1999-03-05  
[30] US (09/408,993) 1999-09-29

---

---

[21] **2,299,923**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G11B 23/00 7B25H 7/00**  
[25] EN  
[54] **AUTOMATED MULTISECTION RAIL MATERIAL LIST GENERATION SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE PRODUCTION AUTOMATISEE DE LISTES DE MATERIAUX POUR RAMPES MULTISECTIONS**  
[72] FLYNN, ROGER LEE SR., US  
[72] HENKEL, ROBERT, US  
[71] FLYNN, ROGER LEE SR., US  
[71] HENKEL, ROBERT, US  
[22] 2000-03-03  
[43] 2000-09-05  
[30] US (60/122,957) 1999-03-05

---

[21] **2,299,926**  
[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 3/386 7C11D 3/395 7C11D 1/72**  
[25] EN  
[54] **A PROCESS FOR THE PRODUCTION OF MULTIPHASE DETERGENT TABLETS**  
[54] **PROCEDE DE PRODUCTION DE TABLETTES DE DETERGENT POLYPHASIQUES**  
[72] RICHTER, BERND, DE  
[72] BEAUJEAN, HANS-JOSEF, DE  
[72] SEMRAU, MARKUS, DE  
[72] HOLDERBAUM, THOMAS, DE  
[72] NITSCH, CHRISTIAN, DE  
[72] HAERER, JUERGEN, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-03-03  
[43] 2000-09-03  
[30] DE (199 09 271.0) 1999-03-03  
[30] DE (199 32 568.5) 1999-07-13

---



Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,299,927**  
[13] A1  
[51] **Int.Cl. 7G09F 19/12 7A01K 63/00 7G04B 47/02 7A47F 11/06**  
[25] EN  
[54] **DISPLAY DEVICE WITH VISUAL EFFECT APPARATUS**  
[54] **DISPOSITIF D’AFFICHAGE AVEC APPAREIL DE PRODUCTION D’EFFETS VISUELS**  
[72] HESS, KRISTOFFER, CA  
[71] DIMPLEX NORTH AMERICA LIMITED, CA  
[22] 2000-03-03  
[43] 2000-09-08  
[30] US (09/264,406) 1999-03-08

---

[21] **2,299,935**  
[13] A1  
[51] **Int.Cl. 7C08G 63/08 7A61F 2/28**  
[25] EN  
[54] **BIOABSORBABLE MATERIALS AND MEDICAL DEVICES MADE THEREFROM**  
[54] **MATIERES BIOASSIMILABLES ET DISPOSITIFS MEDICAUX QUI EN SONT FABRIQUES**  
[72] TUNC, DEGER C., US  
[71] STRYKER TECHNOLOGIES CORPORATION, US  
[22] 2000-03-03  
[43] 2000-09-05  
[30] US (09/263,268) 1999-03-05

---

[21] **2,299,941**  
[13] A1  
[51] **Int.Cl. 7A01C 21/00 7A01C 15/00 7A01B 71/02**  
[25] EN  
[54] **TOPDRESSING METHOD AND APPARATUS THEREFOR**  
[54] **METHODE DE FUMURE EN COUVERTURE ET APPAREIL CONNEXE**  
[72] ISHIDA, SHIGEKI, JP  
[72] TOYODA, MASAKAZU, JP  
[72] MASUDA, KINYA, JP  
[71] JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF HOKKAIDO NATIONAL AGRICULTUR, JP  
[22] 2000-03-02  
[43] 2000-09-05  
[30] JP (11-58843) 1999-03-05

---

[21] **2,299,933**  
[13] A1  
[51] **Int.Cl. 7G01N 27/417 7G01F 9/00 7G01N 27/409**  
[25] EN  
[54] **CONTROL DEVICE FOR AN AIR-FUEL RATIO SENSOR**  
[54] **DISPOSITIF DE COMMANDE POUR DETECTEUR DE RAPPORT AIR/CARBURANT**  
[72] AOKI, KEIICHIRO, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2000-03-03  
[43] 2000-09-04  
[30] JP (HEI 11-057322) 1999-03-04

---

[21] **2,299,938**  
[13] A1  
[51] **Int.Cl. 7A61C 13/00**  
[25] EN  
[54] **DENTURE REBASES**  
[54] **REBASAGE DE PROTHESES DENTAIRE**  
[72] HATANAKA, KENJI, JP  
[71] KURARAY CO., LTD., JP  
[22] 2000-03-03  
[43] 2000-09-03  
[30] JP (54847/1999) 1999-03-03

---

[21] **2,299,947**  
[13] A1  
[51] **Int.Cl. 7H03M 13/21 7H04L 1/24**  
[25] EN  
[54] **THE APPLICATION OF ERROR CORRECTION CODING TO TRANSMISSION EQUIPMENT PROTECTION**  
[54] **UTILISATION DU CODAGE A CORRECTION D’ERREURS POUR LA PROTECTION DU MATERIEL DE TRANSMISSION**  
[72] LAVRANCHUK, JAMES S., US  
[72] GARG, BRIJ BHUSHAN, US  
[72] STEFANOV, BORIS B., US  
[72] URBANKE, RUDIGER L., US  
[72] DAVE, BHARAT P., US  
[72] DE LIND VAN WIJNGAARDEN, ADRIAAN J., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-03-03  
[43] 2000-09-04  
[30] US (60/123,297) 1999-03-04  
[30] US (09/483,056) 2000-01-13

---

[21] **2,299,934**  
[13] A1  
[51] **Int.Cl. 7C08F 297/04 7C08L 77/00 7C08L 53/02 7C08F 279/04 7C08L 29/04 7C08L 51/04 7C08L 27/06 7C08F 236/10 7C08L 25/10 7B65D 81/20 7C08L 33/20**  
[25] EN  
[54] **OXYGEN ABSORPTIVE RESIN COMPOSITION**  
[54] **COMPOSITION DE RESINE ABSORBANT L’OXYGENE**  
[72] NAKAYA, MASAKAZU, JP  
[72] MAEDA, MIZUHO, JP  
[72] TAKAMATSU, HIDEO, JP  
[72] TAI, SHINJI, JP  
[72] SHIMO, HIROYUKI, JP  
[71] KURARAY CO., LTD., JP  
[22] 2000-03-02  
[43] 2000-09-03  
[30] JP (11-55264) 1999-03-03  
[30] JP (11-161190) 1999-06-08  
[30] JP (11-161191) 1999-06-08  
[30] JP (11-212086) 1999-07-27  
[30] JP (11-218669) 1999-08-02  
[30] JP (11-220288) 1999-08-03

---

[21] **2,299,940**  
[13] A1  
[51] **Int.Cl. 7C01B 3/38 7C01B 31/18**  
[25] EN  
[54] **PROCESS FOR AUTOTHERMAL CATALYTIC STREAM REFORMING**  
[54] **PROCEDE DE REFORMAGE ADIABATIQUE CATALYTIQUE A LA VAPEUR**  
[72] AASBERG-PETERSEN, KIM, DK  
[71] Haldor Topsoe A/S, DK  
[22] 2000-03-02  
[43] 2000-09-05  
[30] US (60/123,178) 1999-03-05

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

[21] **2,299,948**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04L 12/12**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ANONYMOUS ACCESS TO THE INTERNET**  
[54] **SYSTEME ET METHODE D'ACCES ANONYME A L'INTERNET**  
[72] PRAKASH, SUTI, US  
[72] MARTIN, JUDITH A., US  
[72] PARKOS, MARIA P., US  
[72] DOEBERL, TERRENCE M., US  
[72] GILLESPIE, EDWARD J., US  
[72] MACDONALD MARCY F., US  
[72] PORTER, PAUL M., US  
[71] PITNEY BOWES INC., US  
[22] 2000-03-03  
[43] 2000-09-04  
[30] US (09/261,102) 1999-03-04

[21] **2,299,950**  
[13] A1

[51] **Int.Cl. 7A61K 9/70 7A61K 45/06 7A61K 31/167 7A61K 47/30**  
[25] EN  
[54] **ORAL ADHESIVE SHEET AND ORAL ADHESIVE PREPARATION**  
[54] **FEUILLE D'ADHESIF ORAL ET PREPARATION D'ADHESIF ORAL**  
[72] INOUE, YUICHI, JP  
[72] SAITO, JUNICHI, JP  
[71] NITTO DENKO CORPORATION, JP  
[22] 2000-02-29  
[43] 2000-09-03  
[30] JP (H11/056249) 1999-03-03  
[30] JP (H11/130768) 1999-05-12

[21] **2,299,952**  
[13] A1

[51] **Int.Cl. 7B01J 2/28 7C11D 17/00**  
[25] EN  
[54] **IMPROVED PELLET FORMULATIONS**  
[54] **FORMULATIONS AMELIOREES DE GRANULES**  
[72] DUCCINI, YVES, FR  
[72] GAUTHIER, FRANCOIS, FR  
[72] TATIN, JOHAN, FR  
[71] ROHM AND HAAS COMPANY, US  
[22] 2000-02-29  
[43] 2000-09-05  
[30] FR (99/02791) 1999-03-05

[21] **2,299,959**  
[13] A1

[51] **Int.Cl. 7C07D 499/04 7C07D 499/86**  
[25] EN  
[54] **PROCEDURE FOR THE PREPARATION OF DIOXOPENICILLANIC ACID DERIVATIVES**  
[54] **METHODE DE PREPARATION DE DERIVES DE L'ACIDE DIOXOPENICILLANIQUE**  
[72] DE LA FUENTE MORATA, JUAN PEDRO, ES  
[71] ALEX-GYOGYSZER KUTATASI, FEJLESZTESI ES TANACSADO KORLATOLT FELLOSSEGU T, HU  
[22] 2000-02-29  
[43] 2000-09-03  
[30] EP (99500033.8) 1999-03-03

[21] **2,299,962**  
[13] A1

[51] **Int.Cl. 7C25C 3/06 7C25C 3/20**  
[25] EN  
[54] **IMMERSION SENSOR, MEASURING ARRANGEMENT AND MEASURING METHOD FOR MONITORING ALUMINUM ELECTROLYTIC CELLS**  
[54] **CAPTEUR A IMMERSION, MONTAGE DE MESURE ET METHODE DE MESURE POUR LE CONTROLE DE CELLULES ELECTROLYTIQUES A L'ALUMINIUM**  
[72] VERSTREKEN, PAUL, BE  
[71] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE  
[22] 2000-03-02  
[43] 2000-09-05  
[30] DE (199 09 614.7) 1999-03-05

[21] **2,299,964**  
[13] A1

[51] **Int.Cl. 7A61M 1/10**  
[25] EN  
[54] **POST MORTEM RECONSTITUTION OF CIRCULATION**  
[54] **RECONSTITUTION DE LA CIRCULATION APRES LE DECES**  
[72] FERGUSON, ROBERT D. G., CA  
[72] GARRETT, H. EDWARD JR., US  
[72] WILLIAMS, J. SCOTT, US  
[71] FERGUSON, ROBERT D. G., CA  
[71] GARRETT, H. EDWARD JR., US  
[71] WILLIAMS, J. SCOTT, US  
[22] 2000-03-06  
[43] 2000-09-04  
[30] US (60/122,851) 1999-03-04

[21] **2,299,982**  
[13] A1

[51] **Int.Cl. 7G01C 9/00 7G01C 9/02**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO A LASER SPIRIT LEVEL DEVICE**  
[54] **AMELIORATIONS EN RAPPORT AVEC UN NIVEAU A BULLE AU LASER**  
[72] BLATT, HANS-PETER, DE  
[71] RIWA-TEC GMBH MESSGERATE HANDELSGESELLSCHAFT, DE  
[22] 2000-03-03  
[43] 2000-09-03  
[30] DE (299 03 753.3) 1999-03-03

[21] **2,299,986**  
[13]

[51] **Int.Cl. 7B02C 18/22**  
[25] EN  
[54] **DEVICE FOR TREATING OR PROCESSING AND ESPECIALLY FOR DISINTEGRATING OF SUBSTANCES OR COMPOUNDS**  
[54] **DISPOSITIF POUR LE TRAITEMENT ET PARTICULIEREMENT POUR LA DESINTEGRATION DE SUBSTANCES OU DE COMPOSES**  
[72] HESCH, ROLF, DE  
[71] HESCH, ROLF, DE  
[22] 2000-03-06  
[43] 2000-09-09  
[30] DE (19910208.2) 1999-03-09

[21] **2,299,987**  
[13] A1

[51] **Int.Cl. 7A23L 1/24**  
[25] EN  
[54] **FREEZABLE LOW-CALORIE SPOONABLE DRESSINGS AND METHOD FOR THEIR PRODUCTION**  
[54] **SAUCES ONCTUEUSES FAIBLES EN CALORIES CONGELABLES ET METHODE DE PRODUCTION**  
[72] SEKULA, BERNARD C., US  
[72] GOLDEN, ROSEMARY A., US  
[71] BESTFOODS, US  
[22] 2000-03-06  
[43] 2000-09-04  
[30] US (09/262,221) 1999-03-04

**Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000**

<p style="text-align: right;">[21] <b>2,299,988</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G09F 3/10</b> [25] EN [54] <b>PROCESS AND APPARATUS FOR PRODUCING A FILM SHEET</b> [54] <b>PROCESSUS ET DISPOSITIF DE PRODUCTION DE FEUILLES DE FILM</b> [72] FRENKLER, DIETER, DE [71] JACKSTÄDT GMBH, DE [22] 2000-03-06 [43] 2000-09-08 [30] DE (199 09 864.6) 1999-03-08</p>	<p style="text-align: right;">[21] <b>2,300,000</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02G 15/18</b> [25] EN [54] <b>SPLICE-ABSORBING CONNECTOR</b> [54] <b>CONNECTEUR ELIMINANT LES EPISSURES</b> [72] MATSUOKA, YUTAKA, JP [72] SAKAMOTO, MASAMI, JP [71] YAZAKI CORPORATION, JP [22] 2000-03-03 [43] 2000-09-03 [30] JP (11-55055) 1999-03-03</p>	<p style="text-align: right;">[21] <b>2,300,005</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 12/00 7G06F 15/00 7G06F 15/16 7G06F 15/163</b> [25] EN [54] <b>MULTIPROCESSING SYSTEM EMPLOYING PENDING TAGS TO MAINTAIN CACHE COHERENCE</b> [54] <b>SYSTEME DE MULTITRAITEMENT UTILISANT DES ETIQUETTES DE MISE EN ATTENTE POUR MAINTENIR LA COHERENCE DE LA MEMOIRE CACHE</b> [72] LAUTERBACH, GARY, US [72] SINGHAL, ASHOK, US [72] YAMAUCHI, ALAN, US [71] SUN MICROSYSTEMS, INC., US [22] 2000-03-06 [43] 2000-09-08 [30] US (09/265,233) 1999-03-08</p>
<p style="text-align: right;">[21] <b>2,299,997</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G10K 9/00 7B22D 29/08 7B08B 3/12</b> [25] EN [54] <b>METHOD AND APPARATUS FOR CLEANING MEDICAL INSTRUMENTS AND THE LIKE</b> [54] <b>METHODE ET APPAREIL POUR NETTOYER LES INSTRUMENTS MEDICAUX ET DES OBJETS DE MEME NATURE</b> [72] PAL, DHAMENDRA, US [72] PETERSON, THOMAS, US [71] CYBERSONICS, INC., US [22] 2000-03-03 [43] 2000-09-05 [30] US (60/123,041) 1999-03-05</p>	<p style="text-align: right;">[21] <b>2,300,003</b> [13]</p> <p>[51] <b>Int.Cl. 7B60K 6/02 7F02D 17/04 7B60L 15/20</b> [25] EN [54] <b>ENGINE CONTROL SYSTEM FOR HYBRID VEHICLE</b> [54] <b>SYSTEME DE COMMANDE MOTEUR POUR VEHICULE HYBRIDE</b> [72] KURODA, SHIGETAKA, JP [72] SAWAMURA, KAZUTOMO, JP [72] IWATA, YOICHI, JP [72] NAKAMOTO, YASUO, JP [72] UCHIDA, KEISUKE, JP [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP [22] 2000-03-03 [43] 2000-09-09 [30] JP (11-062413) 1999-03-09</p>	<p style="text-align: right;">[21] <b>2,300,008</b> [13]</p> <p>[51] <b>Int.Cl. 7H01M 8/02 7H01M 2/14</b> [25] EN [54] <b>STAINLESS STEEL AND TITANIUM FOR SOLID POLYMER ELECTROLYTE FUEL CELL MEMBERS</b> [54] <b>ACIER INOXYDABLE ET TITANE POUR ELEMENTS DE PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE SOLIDE</b> [72] MATSUHASHI, RYO, JP [72] KIHIRA, HIROSHI, JP [72] KIKUCHI, MASAO, JP [72] YAMAZAKI, SHUICHI, JP [71] NIPPON STEEL CORPORATION, JP [22] 2000-03-06 [43] 2000-09-09 [30] JP (11-061146) 1999-03-09 [30] JP (11-062813) 1999-03-10 [30] JP (11-170142) 1999-06-16</p>
<p style="text-align: right;">[21] <b>2,299,998</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47B 21/03 7A47B 13/00 7G06F 1/16</b> [25] EN [54] <b>ADJUSTABLE AND DETACHABLE MOUSE PAD SUPPORT AND KEYBOARD SUPPORT HAVING THE SAME</b> [54] <b>TABLETTE REGLABLE ET AMOVIBLE POUR TAPIS DE SOURIS ET PORTE-CLAVIER MUNI D'UNE TELLE TABLETTE</b> [72] VANDERHEIDE, CRAIG L., US [72] HODGE, DAVID H., US [71] KNAPE &amp; VOGT MANUFACTURING COMPANY, US [22] 2000-03-03 [43] 2000-09-05 [30] US (60/123,042) 1999-03-05</p>	<p style="text-align: right;">[21] <b>2,300,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 23/14</b> [25] EN [54] <b>ELECTRONICALLY CONTROLLED ELECTRIC WIRELINE SETTING TOOL</b> [54] <b>OUTIL DE REGLAGE DE CABLE ELECTRIQUE A COMMANDE ELECTRONIQUE</b> [72] MODY, RUSTOM K., US [72] VAN BUSKIRK, RICHARD, US [72] WILLAUER, DARRIN L., US [71] BAKER HUGHES INCORPORATED, US [22] 2000-03-06 [43] 2000-09-05 [30] US (60/123,306) 1999-03-05</p>	

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,300,011**  
[13] A1

[51] **Int.Cl. 7F02C 7/28 7F02C 7/18 7F23R 3/42**  
[25] EN  
[54] **TAIL TUBE SEAL STRUCTURE OF COMBUSTOR AND A GAS TURBINE USING THE SAME STRUCTURE**  
[54] **STRUCTURE DE JOINT D'ETANCHEITE DE TUYERE DE CHAMBRE DE COMBUSTION ET TURBINE A GAZ UTILISANT LA MEME STRUCTURE**  
[72] KUWABARA, MASAMITSU, JP  
[72] SUENAGA, KIYOSHI, JP  
[72] TOMITA, YASUOKI, JP  
[72] KATAOKA, MASAHITO, JP  
[72] WATANABE, KOJI, JP  
[72] SATO, YOSHICHIKA, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-03-06  
[43] 2000-09-08  
[30] JP (11-060321) 1999-03-08

---

[21] **2,300,021**  
[13] A1

[51] **Int.Cl. 7G05G 15/00 7G07C 11/00**  
[25] EN  
[54] **KNOCKING ACTIVATED DEVICE AND METHOD FOR OPERATING AN ELECTROMECHANICAL DEVICE REponsive TO A CONTROL SIGNAL**  
[54] **DISPOSITIF ACTIVE PAR COGNEMENT ET METHODE DE COMMANDE D'UN DISPOSITIF ELECTROMECHANIQUE SENSIBLE A UN SIGNAL DE COMMANDE**  
[72] LAROCHE, ANDRE, CA  
[71] 9068-7005 QUEBEC INC., CA  
[22] 2000-02-25  
[43] 2000-09-05  
[30] CA (2,262,830) 1999-03-05

---

---

[21] **2,300,022**  
[13] A1

[51] **Int.Cl. 7A24B 3/18 7A23P 1/14 7A23L 1/164 7A23L 1/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXPANDING FOODSTUFFS AND/OR SEMILUXURY FOOD AND TOBACCO**  
[54] **PROCEDE ET APPAREIL D'EXPANSION DE DENREES ALIMENTAIRES ET/OU DE PRODUITS DE TABAC ET D'ALIMENTS SEMI-LUXUEUX**  
[72] PLUCKHAHN, FRANK, DE  
[72] WEISS, ARNO, DE  
[72] SCHMEKEL, GERALD, DE  
[71] BRITISH-AMERICAN TOBACCO (GERMANY) GMBH, DE  
[22] 2000-02-25  
[43] 2000-09-03  
[30] DE (199 09 318.0) 1999-03-03

---

[21] **2,300,025**  
[13] A1

[51] **Int.Cl. 7B01D 51/00 7B05B 15/12**  
[25] EN  
[54] **AIR-BORNE PARTICLE REDUCTION SYSTEM**  
[54] **SYSTEME DE DIMINUTION DES PARTICULES EN SUSPENSION DANS L'AIR**  
[72] DOUGLAS, R. WAYNE, CA  
[71] DOUGLAS, R. WAYNE, CA  
[22] 2000-03-06  
[43] 2000-09-08  
[30] US (60/123,370) 1999-03-08

---

[21] **2,300,029**  
[13]

[51] **Int.Cl. 7G01V 3/18 7G01V 3/24**  
[25] EN  
[54] **COMBINED ELECTRIC FIELD TELEMETRY AND FORMATION EVALUATION METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL COMBINE D'EVALUATION DE FORMATION ET DE TELEMESURE DE CHAMP ELECTRIQUE**  
[72] TOWLE, JAMES N., US  
[72] VAN STEENWYK, DONALD M., US  
[72] PRICE, TIMOTHY, US  
[71] SCIENTIFIC DRILLING INTERNATIONAL, US  
[22] 2000-03-06  
[43] 2000-09-09  
[30] US (09/265,629) 1999-03-09

---

---

[21] **2,300,030**  
[13] A1

[51] **Int.Cl. 7B01F 11/00 7A61J 1/10**  
[25] EN  
[54] **DEVICE FOR BLENDING THE CONTENTS OF A BAG**  
[54] **DISPOSITIF POUR MELANGER LE CONTENU D'UN SAC**  
[72] JALBERT, STEVE, CA  
[72] LAFOND, DANIELLE, CA  
[71] LABPLAS INC., CA  
[22] 2000-03-06  
[43] 2000-09-05  
[30] CA (2,265,014) 1999-03-05  
[30] US (09/285,023) 1999-04-01

---

[21] **2,300,032**  
[13] A1

[51] **Int.Cl. 7A47G 7/08**  
[25] EN  
[54] **PREFORMED POT COVER HAVING A PAPER-LIKE APPEARANCE**  
[54] **COUVRE-POT PREFORME A L'ASPECT DE PAPIER**  
[72] WEDER, DONALD E., US  
[71] SOUTH PAC TRUST INTERNATIONAL, INC., NZ  
[22] 2000-03-06  
[43] 2000-09-04  
[30] US (09/262,401) 1999-03-04

---

[21] **2,300,036**  
[13] A1

[51] **Int.Cl. 7A47K 10/38**  
[25] EN  
[54] **DISPENSER FOR DISPENSING TOILET TISSUE FROM ROLLS**  
[54] **DISTRIBUTEUR DE PAPIER HYGIENIQUE A PARTIR DE ROULEAUX**  
[72] SHORT, JASON E., US  
[72] GRASSO, KAMALA J., US  
[72] MERVAR, ROBERT, US  
[72] JOHNSON, PETER D., US  
[72] JOHNSON, DOUGLAS W., US  
[72] MOODY, JOHN R., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-03-03  
[43] 2000-09-04  
[30] US (09/262,355) 1999-03-04

---

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

[21] 2,300,039  
[13] A1

[51] **Int.Cl. 7F04B 53/10**  
[25] EN  
[54] **COMPRESSOR HAVING A VALVE MECHANISM OF RELATIVELY HIGH ACCURACY**  
[54] **COMPRESSEUR COMPRENANT UN MECANISME A CLAPET DE RELATIVEMENT HAUTE PRECISION**  
[72] SHIRAISHI, ATSUSHI, JP  
[71] SANDEN CORPORATION, JP  
[22] 2000-03-03  
[43] 2000-09-05  
[30] JP (58163/1999) 1999-03-05

[21] 2,300,040  
[13] A1

[51] **Int.Cl. 7B60B 39/06**  
[25] EN  
[54] **CABLE OPERATED SANDER FOR A VEHICLE**  
[54] **SABLIERE A CABLE POUR VEHICULE**  
[72] LAFLEUR, DENIS, CA  
[72] LAFLEUR, DENIS JR., CA  
[71] LAFLEUR, DENIS, CA  
[71] LAFLEUR, DENIS JR., CA  
[72] 2000-03-03  
[43] 2000-09-03  
[30] US (09/261,314) 1999-03-03

[21] 2,300,041  
[13] A1

[51] **Int.Cl. 7B60B 25/04 7B60B 25/20**  
[25] EN  
[54] **WHEEL FOR VEHICLE**  
[54] **ROUE DE VEHICULE**  
[72] SATO, JUNICHI, JP  
[72] HANDA, AKIO, JP  
[72] AMAKI, KIYOSHI, JP  
[72] MAKI, YUJI, JP  
[72] SUZUKI, SHOJI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[71] ZENIYA ALUMINUM ENGINEERING, LIMITED, JP  
[71] DAIDO KOGYO CO., LTD., JP  
[22] 2000-03-03  
[43] 2000-09-04  
[30] JP (11-057271) 1999-03-04  
[30] JP (2000-040229) 2000-02-17

[21] 2,300,043  
[13] A1

[51] **Int.Cl. 7H01Q 21/29**  
[25] EN  
[54] **ARRAY ANTENNA TRANSMITTER WITH A HIGH TRANSMISSION GAIN PROPORTIONAL TO THE NUMBER OF ANTENNA ELEMENTS**  
[54] **ANTENNE RESEAU D'EMISSION A GAIN ELEVE PROPORTIONNEL AU NOMBRE D'ELEMENTS RAYONNANTS**  
[72] MARUTA, YASUSHI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-03-03  
[43] 2000-09-05  
[30] JP (58475/1999) 1999-03-05

[21] 2,300,120  
[13] A1

[51] **Int.Cl. 7G08G 1/0962 7B60R 27/00**  
[25] EN  
[54] **VEHICLE-MOUNTED DEVICE WITH SLEEP FUNCTION FOUR USE IN ROAD-TO-VEHICLE COMMUNICATION SYSTEM**  
[54] **DISPOSITIF MONTE A BORD DE VEHICULE AVEC FONCTION DE MISE EN VEILLE ET DESTINE A ETRE UTILISE AVEC UN SYSTEME DE COMMUNICATION ROUTE A VEHICULE**  
[72] YAMASHITA, HIROSHI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-03-03  
[43] 2000-09-08  
[30] JP (060543/1999) 1999-03-08

[21] 2,300,225  
[13] A1

[51] **Int.Cl. 7C08J 3/20 7C08G 73/10 7C08G 75/23 7C08K 5/23 7C08G 64/28 7C08K 5/315 7C08K 5/3417 7C08K 5/3445 7C08G 65/38 7C08K 5/45 7C08G 63/685**  
[25] EN  
[54] **CHIRAL POLYMER COMPOSITIONS EXHIBITING NONLINEAR OPTICAL PROPERTIES**  
[54] **COMPOSITIONS DE POLYMERES CHIRAUX AYANT DES PROPRIETES OPTIQUES NON LINEAIRES**  
[72] STEWART, KEVIN R., US  
[72] PAN, FENG, US  
[72] GORDON, JANET L., US  
[72] CHAN, KWOK PONG, US  
[72] GASCOYNE, DAVID G., US  
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US  
[22] 2000-03-08  
[43] 2000-09-08  
[30] US (60/123,516) 1999-03-08  
[30] US (09/432,312) 1999-11-02

[21] 2,300,232  
[13] A1

[51] **Int.Cl. 7F28D 21/00 7F28D 1/00 7F28D 5/00**  
[25] EN  
[54] **LOW PROFILE HEAT EXCHANGE SYSTEM AND METHOD WITH REDUCED WATER CONSUMPTION**  
[54] **ECHANGEUR DE CHALEUR SURBAISSE PERMETTANT UNE CONSOMMATION REDUITE D'EAU**  
[72] CARTER, THOMAS P., US  
[72] KORENIC, BRANISLAV, US  
[71] BALTIMORE AIRCOIL COMPANY, INCORPORATED, US  
[22] 2000-03-08  
[43] 2000-09-08  
[30] US (09/265,504) 1999-03-08

[21] 2,300,233  
[13] A1

[51] **Int.Cl. 7F28F 9/00 7F28C 1/00**  
[25] EN  
[54] **RIGID EVAPORATIVE HEAT EXCHANGERS**  
[54] **ECHANGEURS DE CHALEUR RIGIDES A EVAPORATION**  
[72] DREW, BRIAN S., AU  
[72] RULE, JOHN E., AU  
[71] BALTIMORE AIRCOIL COMPANY, INCORPORATED, US  
[22] 2000-03-08  
[43] 2000-09-08  
[30] US (09/265,506) 1999-03-08

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,300,234**  
[13] A1

[51] **Int.Cl. 7F28D 21/00 7F28D 1/00 7F28D 5/00**  
[25] EN  
[54] **CLOSED CIRCUIT HEAT EXCHANGE SYSTEM AND METHOD WITH REDUCED WATER CONSUMPTION**  
[54] **ECHANGEUR DE CHALEUR EN CIRCUIT FERME PERMETTANT UNE CONSOMMATION REDUITE D'EAU**  
[72] CARTER, THOMAS P., US  
[72] KORENIC, BRANISLAV, US  
[71] BALTIMORE AIRCOIL COMPANY, INCORPORATED, US  
[22] 2000-03-08  
[43] 2000-09-08  
[30] US (09/265,505) 1999-03-08

---

[21] **2,300,241**  
[13] A1

[51] **Int.Cl. 7G06K 19/12 7G11B 5/80**  
[25] EN  
[54] **A KEYTAG CARD HAVING ENCODEABLE MAGNETIC STRIP**  
[54] **CARTE DE PORTE-CLES COMPRENANT UNE BANDE MAGNETIQUE A ENCODER**  
[72] WEATHERFORD, STEVEN D., US  
[71] LENEXA CARD, L.L.C., US  
[22] 2000-03-08  
[43] 2000-09-08  
[30] US (09/264,264) 1999-03-08

---

[21] **2,300,265**  
[13] A1

[51] **Int.Cl. 7B65H 75/14 7B65H 75/22**  
[25] EN  
[54] **REEL ASSEMBLY**  
[54] **DEVIDOIR**  
[72] JACOBSEN, WILLIAM W., US  
[71] WWJ, LLC, US  
[22] 2000-03-06  
[43] 2000-09-08  
[30] US (09/264,423) 1999-03-08

---

---

[21] **2,300,331**  
[13]

[51] **Int.Cl. 7E21B 23/00**  
[25] EN  
[54] **PRESSURE-ACTIVATED RUNNING TOOL**  
[54] **OUTIL DE POSE COMMANDE PAR LA PRESSION**  
[72] KAISER, GARRY R., US  
[72] HO, VAN N., US  
[72] SAMPSON, TIMOTHY W., US  
[54] **BAKER HUGHES INCORPORATED, US**  
[22] 2000-03-09  
[43] 2000-09-09  
[30] US (09/265,297) 1999-03-09

---

[21] **2,300,341**  
[13]

[51] **Int.Cl. 7F24C 7/02 7F24C 7/08**  
[25] EN  
[54] **WALL-MOUNTED MICROWAVE OVEN AND METHOD FOR CONTROLLING HOOD MOTOR THEREFOR**  
[54] **FOUR A MICRO-ONDES MURAL ET METHODE POUR COMMANDER LE MOTEUR DE LA HOTTE CONNEXE**  
[72] LEE, SUNG HO, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2000-03-09  
[43] 2000-09-09  
[30] KR (1999-7718) 1999-03-09  
[30] KR (1999-7720) 1999-03-09

---

---

[21] **2,300,412**  
[13]

[51] **Int.Cl. 7C07D 207/34 7C07C 257/02 7C07D 405/04 7C07D 409/04 7C07C 237/28 7C07C 237/32 7C07D 333/38 7C07D 207/42 7C07C 317/44 7C07C 323/62 7C07C 233/66 7C07D 307/68 7C07D 317/68 7C07C 233/69**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF 2-ARYL-5-(PERFLUORO-ALKYL) PYRROLE COMPOUNDS FROM N-1-CHLORO-1-(PERFLUOROALKYL) METHYL ARYLIMIDOYL CHLORIDE COMPOUNDS**  
[54] **SYNTHESE DE COMPOSES DE 2-ARYL-5-(PERFLUOROALKYL) PYRROLE A PARTIR DE COMPOSES DU TYPE CHLORURE DE N-1-CHLORO-1-(PERFLUOROALKYL) METHYL ARYLIMIDOYLE**  
[72] KAMESWARAN, VENKATARAMAN, US  
[71] AMERICAN CYANAMID COMPANY, US  
[22] 2000-03-07  
[43] 2000-09-09  
[30] US (09/265,339) 1999-03-09

---

[21] **2,300,469**  
[13]

[51] **Int.Cl. 7C07C 39/08 7C07C 37/11 7C07C 39/15**  
[25] EN  
[54] **PROCESS FOR PRODUCING ALKYL-SUBSTITUTED HYDROQUINONES**  
[54] **SYNTHESE D'HYDROQUINONES SUBSTITUEES DE GROUPES ALKYLES**  
[72] SUZUKI, TOMOYUKI, JP  
[72] SASAKI, TOSHIO, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 2000-03-08  
[43] 2000-09-09  
[30] JP (H11-061539) 1999-03-09

---

Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000

---

[21] **2,300,470**  
[13]

[51] **Int.Cl. 7H04L 12/18**  
[25] EN  
[54] **DATA COMMUNICATION METHOD IN IEEE 1394 NETWORK**  
[54] **METHODE DE TRANSMISSION DE DONNEES DANS UN RESEAU IEEE 1394**  
[72] MOMONA, MORIHISA, JP  
[71] NEC CORPORATION, JP  
[22] 2000-03-08  
[43] 2000-09-09  
[30] JP (061767/1999) 1999-03-09

---

[21] **2,300,474**  
[13]

[51] **Int.Cl. 7B65G 31/04 7A01C 17/00 7E01H 10/00 7B60P 3/30**  
[25] EN  
[54] **REAR MOUNTED SPREADER WITH HORIZONTAL AUGER**  
[54] **EPANDEUSE PORTEE ARRIERE A VIS HORIZONTALE**  
[72] TRUAN, JAMES, US  
[72] TRUAN, CHARLES J., US  
[72] MANDRICK, PAUL, US  
[72] SCOTT, JOSHUA, US  
[71] TRYNEX, INC., US  
[22] 2000-03-08  
[43] 2000-09-09  
[30] US (60/123,633) 1999-03-09  
[30] US (60/128,342) 1999-04-08  
[30] US (60/181,277) 2000-02-09

---

[21] **2,300,511**  
[13] A1

[51] **Int.Cl. 7D04H 1/56 7A61L 15/28**  
[25] EN  
[54] **ABSORBENT, FLEXIBLE, STRUCTURE COMPRISING STARCH FIBERS**  
[54] **STRUCTURE ABSORBANTE ET SOUPLE RENFERMANT DES FIBRES D'AMIDON**  
[72] MICHEAL, JOHN GERALD, US  
[72] CABELL, DAVID WILLIAM, US  
[72] MACKEY, LARRY NEIL, US  
[72] BAILEY, VALERIE ANN, US  
[72] RICHARDS, MARK RYAN, US  
[72] MILLER, JAMES DANIEL II, US  
[71] HUMATRO CORPORATION, US  
[22] 2000-03-07  
[43] 2000-09-08  
[30] US (09/264,401) 1999-03-08

---

---

[21] **2,300,513**  
[13] A1

[51] **Int.Cl. 7B01J 21/06 7B01D 53/32 7B01J 23/56**  
[25] EN  
[54] **PROCESS AND CATALYST FOR PHOTOCATALYTIC CONVERSION OF CONTAMINANTS**  
[54] **PROCEDE ET CATALYSEUR POUR LA CONVERSION PHOTOCATALYTIQUE DE CONTAMINANTS**  
[72] KITTRELL, JAMES R., US  
[71] KSE INC., US  
[22] 2000-03-07  
[43] 2000-09-08  
[30] US (09/262,895) 1999-03-08

---

[21] **2,300,523**  
[13] A1

[51] **Int.Cl. 7B65D 25/18**  
[25] EN  
[54] **A HEAT INSULATING CONTAINER**  
[54] **CONTENEUR CALORIFUGE**  
[72] MATSUDA, KUNIO, JP  
[72] YAMADA, MASASHI, JP  
[72] FUJII, TAKAFUMI, JP  
[71] NIPPON SANSO CORPORATION, JP  
[22] 2000-03-07  
[43] 2000-09-08  
[30] JP (11-60894) 1999-03-08

---

[21] **2,300,525**  
[13] A1

[51] **Int.Cl. 7C08L 3/00 7C08L 3/12 7C08J 5/18 7C08L 33/26**  
[25] EN  
[54] **MELT PROCESSABLE STARCH COMPOSITIONS**  
[54] **COMPOSITIONS D'AMIDON APTES A UN TRAITEMENT PAR FUSION**  
[72] UNKNOWN, ZZ  
[72] TROKHAN, PAUL DENNIS, US  
[72] BAILEY, VALERIE ANN, US  
[72] MACKEY, LARRY NEIL, US  
[71] HUMATRO CORPORATION, US  
[22] 2000-03-07  
[43] 2000-09-08  
[30] US (09/264,401) 1999-03-08

---

---

[21] **2,300,527**  
[13] A1

[51] **Int.Cl. 7C08J 11/20 7C09D 117/00 7C09D 191/00 7C09D 11/08 7C09D 11/10**  
[25] EN  
[54] **RUBBER RECYCLING**  
[54] **RECYCLAGE DU CAOUTCHOUC**  
[72] BAHMAN, MIR DAVOOD, IR  
[71] BAHMAN, MIR DAVOOD, IR  
[22] 2000-03-07  
[43] 2000-09-08  
[30] IR (37712021) 1999-03-08

---

[21] **2,300,531**  
[13] A1

[51] **Int.Cl. 7F24C 7/08 7H05B 1/02**  
[25] EN  
[54] **SAFETY DEVICE FOR DOMESTIC COOKING STOVE**  
[54] **DISPOSITIF DE SECURITE POUR CUISINIERE DOMESTIQUE**  
[72] RAK, JOSEF, CA  
[71] RAK, JOSEF, CA  
[22] 2000-03-08  
[43] 2000-09-08  
[30] US (09/263,482) 1999-03-08

---

[21] **2,300,537**  
[13] A1

[51] **Int.Cl. 7B61B 3/02 7B62D 65/18**  
[25] EN  
[54] **ELECTRIC MONORAIL CONVEYOR SYSTEM**  
[54] **TRANSPORTEUR MONORAIL ELECTRIQUE**  
[72] CHILDS, JAMES R., US  
[72] GIESE, AARON, US  
[71] PROGRESSIVE TOOL & INDUSTRIES CO., US  
[22] 2000-03-07  
[43] 2000-09-08  
[30] US (09/263,994) 1999-03-08

---

[21] **2,300,539**  
[13]

[51] **Int.Cl. 7A44B 11/00 7E05B 73/00**  
[25] EN  
[54] **TAMPER EVIDENT BUCKLE**  
[54] **BOUCLE INVOLABLE**  
[72] BORTZ, GARY, AU  
[71] HARCOR SECURITY SEALS PTY LIMITED, AU  
[22] 2000-03-07  
[43] 2000-09-09  
[30] AU (PP9082) 1999-03-09

---

**Demandes canadiennes mises à la disponibilité du public**  
**3 septembre 2000 - 9 septembre 2000**

---

[21] **2,300,540**  
[13]

[51] **Int.Cl. 7G01N 21/31**  
[25] EN  
[54] **POWDER ANALYSIS**  
[54] **ANALYSE DE POUDRES**  
[72] AXON, TONY GRAHAM, GB  
[72] HAMMOND, STEPHEN VICTOR, GB  
[71] PFIZER INC., US  
[22] 2000-03-07  
[43] 2000-09-09  
[30] GB (9905318.3) 1999-03-09

---

[21] **2,300,542**  
[13] A1

[51] **Int.Cl. 7G01V 3/28 7E21B 47/12**  
**7G01V 3/38 7G01V 1/50**  
[25] EN  
[54] **AN INHOMOGENEOUS**  
**BACKGROUND BASED SOFTWARE**  
**FOCUSING METHOD FOR ARRAY-**  
**TYPE INDUCTION LOGGING TOOLS**  
[54] **METHODE DE FOCALISATION A**  
**L'AIDE D'UN LOGICIEL BASE SUR UN**  
**BRUIT DE FOND INHOMOGENE POUR**  
**OUTILS DE DIAGRAPHE PAR**  
**INDUCTION DE TYPE TABLEAU**  
[72] XIAO, JIAQI, US  
[72] GELDMACHER, INGO M., US  
[71] BAKER HUGHES INCORPORATED,  
US  
[22] 2000-03-07  
[43] 2000-09-08  
[30] US (09/264,105) 1999-03-08

---

[21] **2,300,546**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 17/50**  
[25] EN  
[54] **METHOD FOR ASSESSING THE**  
**RELIABILITY OF TECHNICAL**  
**SYSTEMS**  
[54] **METHODE D'EVALUATION DE**  
**LA FIABILITE DE SYSTEMES**  
**TECHNIQUES**  
[72] DRABER, SILKE, DE  
[71] ABB RESEARCH LTD., CH  
[22] 2000-03-07  
[43] 2000-09-08  
[30] DE (199 10 098.5) 1999-03-08

---

---

[21] **2,300,555**  
[13] A1

[51] **Int.Cl. 7E21B 43/38**  
[25] EN  
[54] **UNDER-BALANCED DRILLING**  
**SEPARATION APPARATUS AND**  
**METHODS**  
[54] **APPAREIL ET METHODES DE**  
**SEPARATION POUR FORAGE PAR**  
**SOUS-PRESSION**  
[72] KARIGAN, JOSEPH MICHAEL, US  
[71] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 2000-03-07  
[43] 2000-09-08  
[30] US (09/265,552) 1999-03-08

---

[21] **2,300,556**  
[13] A1

[51] **Int.Cl. 7E21B 43/38**  
[25] EN  
[54] **UNDER-BALANCED DRILLING**  
**SEPARATION APPARATUS AND**  
**METHODS**  
[54] **APPAREIL ET METHODES DE**  
**SEPARATION POUR FORAGE PAR**  
**SOUS-PRESSION**  
[72] KARIGAN, JOSEPH MICHAEL, US  
[72] BURRIS, WESLEY JAY, US  
[71] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 2000-03-07  
[43] 2000-09-08  
[30] US (09/265,553) 1999-03-08

---

---

[21] **2,300,580**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] FR  
[54] **PROCEDE D'ACCES OU DE**  
**TRANSFERT INTER-CELLULAIRE**  
**DANS UN SYSTEME CELLULAIRE DE**  
**RADIOCOMMUNICATIONS MOBILES**  
[54] **INTER-CELLULAR ACCESS OR**  
**TRANSFER PROCEDURE FOR A**  
**CELLULAR MOBILE**  
**RADIOCOMMUNICATION SYSTEM**  
[72] ROBERTS, MICHAEL, FR  
[71] ALCATEL, FR  
[22] 2000-02-29  
[43] 2000-09-05  
[30] FR (99 02 801) 1999-03-05

---

---

[21] **2,300,588**  
[13] A1

[51] **Int.Cl. 7F16C 33/78**  
[25] FR  
[54] **PALIER A ROULEMENT AVEC**  
**JOINTS D'ETANCHEITE ET PROCEDE**  
**DE FIXATION DE JOINTS SUR UN**  
**ROULEMENT**  
[54] **ANTIFRICTION BEARING WITH**  
**SEALS AND PROCEDURE FOR**  
**INSTALLING SEALS ON A BEARING**  
[72] VAN DE SANDEN, JOHANNES  
FRANCISCUS, NL  
[72] BRANDENSTEIN, MANFRED, DE  
[72] TADIC, VEDRAN, FR  
[71] SKF FRANCE, FR  
[22] 2000-03-07  
[43] 2000-09-08  
[30] FR (99/02828) 1999-03-08

---



**Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

---

[21] **2,309,212**  
[13] A1  
[51] Int.Cl. 7C12N 15/11 7A61K 39/02  
7C12Q 1/02 7A61K 39/09 7C12N 5/10  
7C07K 16/12 7C12Q 1/18 7C07K 14/195  
7C12N 15/31 7C07K 14/315 7C12N 15/63  
7C12Q 1/68  
[25] EN  
[54] **ESSENTIAL BACTERIAL GENES  
AND THEIR USE**  
[54] **GENES BACTERIENS ESSENTIELS  
ET LEUR UTILISATION**  
[72] GUZMAN, LUZ-MARIA, US  
[72] FRITZ, CHRISTIAN, US  
[72] YOUNGMAN, PHILIP, US  
[71] MILLENNIUM  
PHARMACEUTICALS, INC., US  
[85] 2000-05-08  
[86] 1999-09-09 (PCT/US99/20993)  
[87] 2000-03-16 (WO00/14200)  
[30] US (60/099,578) 1998-09-09

---

[21] **2,309,340**  
[13] A1  
[51] Int.Cl. 6C07H 19/06 6C07H 21/00  
6C07D 239/46 6C12Q 1/68 6C07D 239/70  
[25] EN  
[54] **PYRIMIDINE DERIVATIVES FOR  
LABELED BINDING PARTNERS**  
[54] **DERIVES DE PYRIMIDINE POUR  
PARTENAIRES DE LIAISON  
MARQUES**  
[72] MATTEUCCI, MARK D., US  
[72] LIN, KUEI-YING, US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2000-05-08  
[86] 1998-10-30 (PCT/US98/23119)  
[87] 1999-05-20 (WO99/24452)  
[30] US (08/966,392) 1997-11-07  
[30] US (08/966,875) 1997-11-10

---

[21] **2,312,062**  
[13]  
[51] Int.Cl. 7F16K 31/02 7F16K 27/00  
[25] EN  
[54] **AUTOMATIC FAUCET ASSEMBLY  
WITH MATING HOUSING AND HIGH  
ENDURANCE FINISH**  
[54] **ENSEMBLE DE ROBINET  
AUTOMATIQUE AVEC STRUCTURE  
DE PRISES MALE ET FEMELLEET  
FINITION DE HAUTE RESISTANCE**  
[72] PATERSON, GRAHAM H., US  
[72] DENHAM, WILLARD A., US  
[71] SPEAKMAN COMPANY, US  
[85] 2000-05-25  
[86] 2000-03-02 (PCT/US00/05600)  
[87] 2000-09-09 ()  
[30] US (09/261,585) 1999-03-03

---

[21] **2,312,287**  
[13] A1  
[51] Int.Cl. 6C12N 15/81 6C12N 15/12  
6C07K 16/18 6A61K 38/39 6C07K 16/40  
6A61K 38/48 6C12N 15/52 6C12N 15/62  
6C12N 9/68 6C07K 14/78  
[25] EN  
[54] **METHODS OF PRODUCING ANTI-  
ANGIOGENIC PROTEINS:  
ENDOSTATIN, ANGIOSTATIN OR  
RESTIN, USING A PICHIA YEAST  
EXPRESSION SYSTEM**  
[54] **PROCEDE DE PRODUCTION DE  
PROTEINES ANTI-ANGIOGENIQUES,  
DONT L'ENDOSTATINE,  
L'ANGIOSTATINE OU LA RESTINE,  
AU MOYEN D'UN SYSTEME  
D'EXPRESSION DE LA LEVURE  
PICHIA**  
[72] SUKHATME, VIKAS P., US  
[71] BETH ISRAEL DEACONESS  
MEDICAL CENTER, US  
[85] 2000-06-05  
[86] 1998-12-08 (PCT/US98/25892)  
[87] 1999-06-17 (WO99/29878)  
[30] US (60/067,888) 1997-12-08  
[30] US (60/082,663) 1998-04-22  
[30] US (60/108,536) 1998-11-16

---

[21] **2,312,288**  
[13] A1  
[51] Int.Cl. 6C12Q 1/68  
[25] EN  
[54] **CATALYTIC NUCLEIC ACID-  
BASED DIAGNOSTIC METHODS**  
[54] **METHODES DE DIAGNOSTIC A  
BASE D'ACIDE NUCLEIQUE  
CATALYSEUR**  
[72] TODD, ALISON V., AU  
[72] CAIRNS, MURRAY J., AU  
[72] FUERY, CAROLINE J., AU  
[71] JOHNSON & JOHNSON RESEARCH  
PTY. LIMITED, AU  
[85] 2000-05-30  
[86] 1999-03-16 (PCT/IB99/00848)  
[87] 1999-10-07 (WO99/50452)  
[30] US (60/079,651) 1998-03-27

---

[21] **2,312,289**  
[13] A1  
[51] Int.Cl. 6C07K 7/06 6A61K 45/05  
6A61K 38/08 6C12N 5/08 6C12N 15/12  
[25] EN  
[54] **TUMOR ANTIGEN PEPTIDE  
DERIVATIVES**  
[54] **DERIVES DE PEPTIDES  
D'ANTIGENE TUMORAL**  
[72] ITOH, KYOGO, JP  
[72] IMAI, YASUHISA, JP  
[72] SHICHIJO, SHIGEKI, JP  
[71] ITOH, KYOGO, JP  
[85] 2000-06-02  
[86] 1998-12-02 (PCT/JP98/05430)  
[87] 1999-06-17 (WO99/29715)  
[30] JP (9/335745) 1997-12-05

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,312,759</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B09C 1/06</b> [25] EN [54] <b>METHODS AND SYSTEMS FOR BIOREMEDIATING CONTAMINATED SOIL</b> [54] <b>PROCEDES ET SYSTEMES DE BIORESTAURATION D'UN SOL CONTAMINE</b> [72] BOVA, JOHN CARL, US [72] RICHTER, ROGER TODD, US [71] UNITED SOIL RECYCLING, US [85] 2000-06-02 [86] 1998-10-15 (PCT/US98/21861) [87] 1999-06-10 (WO99/28060) [30] US (08/984,277) 1997-12-03</p>	<p style="text-align: right;">[21] <b>2,313,401</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/06</b> [25] EN [54] <b>STENT HAVING A PROGRAMMED PATTERN OF IN VIVO DEGRADATION</b> [54] <b>EXTENSEUR A SCHEMA PROGRAMME DE DEGRADATION IN VIVO</b> [72] LI, SUMMING, FR [72] CORNHILL, FREDERICK, US [72] GARREAU, HENRI L., FR [72] VERT, MICHAEL, FR [72] LAFONT, ANTOINE, FR [71] THE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR [71] THE UNIVERSITY PARIS V, FR [71] THE CLEVELAND CLINIC FOUNDATION, US [71] THE UNIVESITY OF MONTPELLIER I, FR [85] 2000-06-07 [86] 1998-12-15 (PCT/US98/26629) [87] 1999-07-08 (WO99/33410) [30] US (08/990,401) 1997-12-15</p>	<p style="text-align: right;">[21] <b>2,313,454</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E05B 11/06</b> [25] EN [54] <b>IMPROVED CYLINDER LOCK SYSTEM</b> [54] <b>SYSTEME AMELIORE DE SERRURE A CYLINDRE</b> [72] EDEN, CHARLES W., JR., US [72] THERIAULT, KENNETH T., US [71] INTERNATIONAL SECURITY PRODUCTS, INC., US [85] 2000-06-08 [86] 1998-10-15 (PCT/US98/21878) [87] 2000-04-20 (WO00/22262)</p>
<p style="text-align: right;">[21] <b>2,313,012</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29B 17/00 6C10M 175/00 6C10M 175/02</b> [25] EN [54] <b>A PROCESS FOR THE CONVERSION OF MIXED PLASTIC WASTE</b> [54] <b>PROCEDE DE TRANSFORMATION DE DECHETS DE PLASTIQUE MELANGES</b> [72] SZEKELY, TAMAS, HU [71] TVK-ECOCENTER KFT., HU [85] 2000-06-01 [86] 1998-12-04 (PCT/HU98/00100) [87] 1999-06-17 (WO99/29481) [30] HU (P 97 02362) 1997-12-05</p>	<p style="text-align: right;">[21] <b>2,313,452</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/20</b> [25] EN [54] <b>METHOD AND APPARATUS FOR TREATING LIQUIDS AND SLURRIES</b> [54] <b>PROCEDE ET DISPOSITIF DE TRAITEMENT DE LIQUIDES ET DE BOUES</b> [72] ASHBROOK, CLIFFORD L., US [71] ASHBROOK, CLIFFORD L., US [85] 2000-06-08 [86] 1998-12-15 (PCT/US98/26600) [87] 1999-06-24 (WO99/31015) [30] US (08/991,667) 1997-12-16</p>	<p style="text-align: right;">[21] <b>2,313,455</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01D 9/40 6B43L 13/02 6G06F 3/13</b> [25] EN [54] <b>ROBOTIC PLOTTER SYSTEM</b> [54] <b>SYSTEME TRACEUR ROBOTISE</b> [72] AVIDA, DAN, US [71] ELECTRONICS FOR IMAGING, INC., US [85] 2000-06-08 [86] 1998-10-01 (PCT/US98/21007) [87] 1999-06-24 (WO99/31466) [30] US (08/993,819) 1997-12-18</p>
<p style="text-align: right;">[21] <b>2,313,453</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/707</b> [25] EN [54] <b>SPREAD SPECTRUM MULTIPATH DEMODULATOR FOR A MULTICHANEL COMMUNICATION SYSTEM</b> [54] <b>DEMODULATEUR A TRAJETS MULTIPLES ET A SPECTRE ETALE POUR SYSTEME DE TRANSMISSION MULTICANAUX</b> [72] LEVIN, JEFFREY A., US [71] QUALCOMM INCORPORATED, US [85] 2000-06-08 [86] 1998-12-08 (PCT/US98/26050) [87] 1999-06-17 (WO99/30433) [30] US (08/987,172) 1997-12-09</p>	<p style="text-align: right;">[21] <b>2,313,456</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 18/08 6C08G 18/10</b> [25] EN [54] <b>METHOD FOR PRODUCING THERMOPLASTIC POLYURETHANE ELASTOMERS</b> [54] <b>PROCEDE POUR LA PRODUCTION D'ELASTOMERES POLYURETHANES THERMOPLASTIQUES</b> [72] MULLER, FRIEDEMANN, DE [72] KAUFHOLD, WOLFGANG, DE [72] LIESFELDER, ULRICH, DE [72] HEIDINGSFELD, HERBERT, DE [72] BRAUER, WOLFGANG, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-06-08 [86] 1998-12-01 (PCT/EP98/07753) [87] 1999-06-24 (WO99/31158) [30] DE (197 55 545.4) 1997-12-13</p>	

## Demandes PCT entrant en phase nationale

[21] **2,313,457**  
[13] A1

[51] **Int.Cl. 6F21V 21/26**  
[25] EN  
[54] **LIGHT BRACKET**  
[54] **SUPPORT DE LUMIERE**  
[72] O'NEAL, TIMOTHY L., US  
[71] INTEX EXHIBITS INTERNATIONAL, L.L.C., US  
[85] 2000-06-08  
[86] 1998-07-23 (PCT/US98/14760)  
[87] 1999-06-24 (WO99/31434)  
[30] US (08/992,685) 1997-12-17

[21] **2,313,458**  
[13] A1

[51] **Int.Cl. 6A61M 37/00 6A61N 1/30**  
[25] EN  
[54] **DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX**  
[54] **DISPOSITIF RENFORCANT LE FLUX D'AGENTS TRANSDERMIQUES**  
[72] ZUCK, MICHAEL G., US  
[71] ALZA CORPORATION, US  
[85] 2000-06-08  
[86] 1998-12-09 (PCT/US98/26158)  
[87] 1999-06-17 (WO99/29364)  
[30] US (60/069,340) 1997-12-11

[21] **2,313,459**  
[13] A1

[51] **Int.Cl. 6B32B 27/00 6D03D 3/00 6D03D 15/00 6D03D 17/00 6D03D 25/00 6B32B 27/12**  
[25] EN  
[54] **ULTRAHIGH MOLECULAR WEIGHT POLYETHYLENE COMPOSITE FOR PRINTED CIRCUIT BOARD AND ANTENNA BASE MATERIAL**  
[54] **COMPOSITE DE POLYETHYLENE DE POIDS MOLECULAIRE TRES ELEVE POUR PLAQUETTE DE CIRCUITS IMPRIMES ET MATERIAU DE BASE D'ANTENNE**  
[72] COHEN, YACHIN, IL  
[72] VAYKHANSKY, LEV, IL  
[72] REIN, DIMITRI, IL  
[71] POLYEITAN COMPOSITES LTD., IL  
[85] 2000-05-24  
[86] 1998-11-27 (PCT/US98/25311)  
[87] 1999-06-10 (WO99/28127)  
[30] US (08/980,770) 1997-12-01

[21] **2,313,460**  
[13] A1

[51] **Int.Cl. 6B65G 47/38**  
[25] EN  
[54] **SEPARATING CONVEYOR FOR THE TRANSFER OF UNIT LOADS**  
[54] **CONVOYEUR DISTRIBUTEUR POUR LE TRANSFERT DE CHARGES ISOLEES**  
[72] DROSTE, HEINRICH, DE  
[72] AYEN, ERWIN, DE  
[72] GREIN, WOLFGANG, DE  
[71] MANNESMANN AKTIENGESELLSCHAFT, DE  
[85] 2000-06-08  
[86] 1998-12-08 (PCT/DE98/03669)  
[87] 1999-06-17 (WO99/29601)  
[30] DE (19756303.1) 1997-12-09

[21] **2,313,461**  
[13] A1

[51] **Int.Cl. 6B65H 23/18**  
[25] EN  
[54] **METHOD AND CIRCUIT FOR PREDICTING AND REGULATING A PAPER WINDING PARAMETER IN A PAPER WINDING DEVICE**  
[54] **PROCEDE ET DISPOSITIF POUR PREDIRE ET REGULER UNE CARACTERISTIQUE D'ENROULAGE DE PAPIER DANS UN DISPOSITIF D'ENROULAGE DE PAPIER**  
[72] LIEPOLD, HELMUT, DE  
[72] WIENHOLT, WILLFRIED, DE  
[72] SCHAFFNER, CLEMENS, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-06-08  
[86] 1998-12-01 (PCT/DE98/03531)  
[87] 1999-06-17 (WO99/29604)  
[30] DE (197 54 878.4) 1997-12-10

[21] **2,313,462**  
[13] A1

[51] **Int.Cl. 6H03K 19/173 6G06F 13/00 6G06F 15/16 6H03K 19/177 6G06F 15/80**  
[25] EN  
[54] **MULTIPROCESSOR COMPUTER ARCHITECTURE INCORPORATING A PLURALITY OF MEMORY ALGORITHM PROCESSORS IN THE MEMORY SUBSYSTEM**  
[54] **ARCHITECTURE D'ORDINATEUR MULTIPROCESSEUR INCORPORANT PLUSIEURS PROCESSEURS ALGORITHMIQUES DE MEMOIRE DANS LE SOUS-SYSTEME DE MEMOIRE**  
[72] LESKAR, PAUL A., US  
[72] HUPPENTHAL, JON M., US  
[71] SRC COMPUTERS, INC., US  
[85] 2000-06-08  
[86] 1998-12-03 (PCT/US98/25587)  
[87] 1999-06-24 (WO99/31617)  
[30] US (08/992,763) 1997-12-17

[21] **2,313,463**  
[13] A1

[51] **Int.Cl. 6G02B 6/10 6G02B 6/12 6G02B 6/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ALIGNING OPTICAL WAVEGUIDE ARRAYS**  
[54] **PROCEDE ET DISPOSITIF D'ALIGNEMENT DE RESEAUX DE GUIDES D'ONDES OPTIQUES**  
[72] BRUN, MARC G., FR  
[71] CORNING INCORPORATED, US  
[85] 2000-06-08  
[86] 1999-05-11 (PCT/US99/10322)  
[87] 1999-12-02 (WO99/61943)  
[30] EP (98401251.8) 1998-05-27

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,313,950</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/00</b> [25] EN [54] <b>METHOD OF ASSAYING FOR A PREFERRED ENZYME AND/OR DETERGENT</b> [54] <b>METHODE AMELIOREE POUR TESTER UNE ENZYME PREFEREE ET/OU UNE COMPOSITION DETERGENTE PREFEREE</b> [72] NAKI, DONALD P., US [72] COLLIER, KATHERINE D., US [72] KELLIS, JAMES T., JR., US [72] SCHELLENBERGER, VOLKER, US [72] NADHERNY, JOANNE, US [71] GENENCOR INTERNATIONAL, INC., US [85] 2000-06-08 [86] 1998-12-23 (PCT/US98/27629) [87] 1999-07-08 (WO99/34011) [30] US (60/068,796) 1997-12-24</p>	<p style="text-align: right;">[21] <b>2,314,079</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 4/26 6H01M 4/42 6H01M 4/50</b> [25] EN [54] <b>POROUS ALKALINE ZINC/MANGANESE OXIDE BATTERY</b> [54] <b>PILE POREUSE ALCALINE A OXYDE DE MANGANESE/ZINC</b> [72] WOODNORTH, DOUGLAS J., US [72] CERVERA, JAMES, US [72] HARRIS, PETER B., US [72] HOWARD, MARTIN W., US [72] FARISS, GREGORY A., US [72] HAMILTON, TERRY L., US [72] BRYNS, BARBARA, US [72] TAY, GEORGE I., US [71] DURACELL INC., US [85] 2000-06-13 [86] 1998-12-14 (PCT/US98/26489) [87] 1999-07-08 (WO99/34460) [30] US (09/002,012) 1997-12-31 [30] US (09/054,939) 1998-04-03</p>	<p style="text-align: right;">[21] <b>2,314,081</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 59/00</b> [25] EN [54] <b>POLYOXYMETHYLENE RESIN COMPOSITIONS HAVING IMPROVED MOLDING CHARACTERISTICS</b> [54] <b>COMPOSITIONS A BASE DE RESINE POLYOXYMETHYLENIQUE</b> [72] KASSAL, ROBERT JAMES, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-06-13 [86] 1999-01-05 (PCT/US99/00071) [87] 1999-07-15 (WO99/35191) [30] US (09/002,965) 1998-01-05</p>
<p style="text-align: right;">[21] <b>2,314,078</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02C 7/04 6G02B 1/04 6C08J 7/04 6A61F 2/16</b> [25] EN [54] <b>COATING OF POLYMERS</b> [54] <b>ENDUCTION AVEC DES POLYMERES</b> [72] STOCKINGER, FRIEDRICH, CH [72] LALLY, JOHN MARTIN, US [72] VOGT, JUERGEN, CH [72] WINTERTON, LYNN COOK, US [71] NOVARTIS AG, CH [85] 2000-06-13 [86] 1999-01-07 (PCT/EP99/00058) [87] 1999-07-15 (WO99/35520) [30] US (09/005,317) 1998-01-09 [30] US (09/199,609) 1998-11-25</p>	<p style="text-align: right;">[21] <b>2,314,080</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09K 5/04 6C10M 171/00</b> [25] EN [54] <b>HALOGENATED HYDROCARBON REFRIGERANT COMPOSITIONS CONTAINING POLYMERIC OIL-RETURN AGENTS</b> [54] <b>COMPOSITIONS DE FLUIDES FRIGORIGENES HALOCARBONEES CONTENANT DES AGENTS POLYMERES DE RETOUR D'HUILE</b> [72] SHEALY, GLENN SCOTT, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-06-13 [86] 1999-01-15 (PCT/US99/01031) [87] 1999-07-22 (WO99/36485) [30] US (60/071,652) 1998-01-16 [30] US (09/231,847) 1999-01-15</p>	<p style="text-align: right;">[21] <b>2,314,082</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05C 17/005 6H01H 47/18</b> [25] EN [54] <b>AUTO SHUT-OFF GLUE GUN</b> [54] <b>PISTOLET A COLLE A ARRET AUTOMATIQUE</b> [72] SINGLETON, MICHAEL A., US [71] STANLEY FASTENING SYSTEMS, L.P., US [85] 2000-06-13 [86] 1998-12-16 (PCT/US98/26742) [87] 1999-06-24 (WO99/30837) [30] US (60/069,744) 1997-12-16</p>
		<p style="text-align: right;">[21] <b>2,314,083</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05F 3/06</b> [25] EN [54] <b>SELF-BALANCING SHIELDED BIPOLAR IONIZER</b> [54] <b>IONISANT BIPOLAIRE BLINDE AUTO-EQUILIBRE</b> [72] PARTRIDGE, LESLIE W., US [71] ION SYSTEMS, INC., US [85] 2000-06-13 [86] 1998-12-30 (PCT/US98/27831) [87] 1999-07-22 (WO99/37126) [30] US (09/006,773) 1998-01-14</p>

## Demandes PCT entrant en phase nationale

[21] **2,314,084**  
[13] A1

[51] **Int.Cl. 6C08L 23/10 6C08L 23/08 6C08L 23/16**  
[25] EN  
[54] **THERMOPLASTIC POLYMER COMPOSITIONS**  
[54] **COMPOSITIONS POLYMERES THERMOPLASTIQUES**  
[72] HAUSMANN, KARLHEINZ, CH  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-06-13  
[86] 1998-12-11 (PCT/US98/26423)  
[87] 1999-06-24 (WO99/31177)  
[30] EP (97203986.1) 1997-12-18

[21] **2,314,085**  
[13] A1

[51] **Int.Cl. 6A47C 21/06 6A47C 31/10 6A47C 27/12**  
[25] EN  
[54] **ANTIALLERGENIC COVERING FOR RECEIVING OBJECTS CONTAMINATED WITH ALLERGENS AND/OR FINE DUST ABSORBED INTO THE LUNG**  
[54] **ENVELOPPE ANTI-ALLERGENIQUE DESTINEE A RECEVOIR DES OBJETS CONTAMINES AVEC DES ALLERGENES ET/OU DES POUSSIERES FINES INHALABLES**  
[72] BAUMGARTEL, FALKO, DE  
[72] VOPEL, ULRICH, DE  
[71] LOHMANN GMBH & CO. KG, DE  
[85] 2000-06-13  
[86] 1998-11-21 (PCT/EP98/07506)  
[87] 1999-06-24 (WO99/30594)  
[30] DE (197 55 498.9) 1997-12-13

[21] **2,314,089**  
[13] A1

[51] **Int.Cl. 6A61M 5/46 6A61M 5/32**  
[25] EN  
[54] **NEEDLE ARRANGEMENT**  
[54] **CONFIGURATION D'AIGUILLE**  
[72] POLZIN, ULF, DE  
[72] GABRIEL, JOCHEN, DE  
[71] B D MEDICO GMBH, CH  
[85] 2000-05-18  
[86] 1998-11-11 (PCT/EP98/07230)  
[87] 1999-05-27 (WO99/25402)  
[30] DE (297 20 513.7) 1997-11-19

[21] **2,314,090**  
[13] A1

[51] **Int.Cl. 6B65B 9/14 6B65C 3/06**  
[25] FR  
[54] **MACHINE DE POSE DE MANCHONS THERMORETRACTABLES SUR DES OBJETS, A PARTIR D'UNE GAINNE CONTINUE**  
[54] **MACHINE FOR SETTING HEAT-SHRINKABLE SLEEVES ON OBJECTS FROM A CONTINUOUS SHEATH**  
[72] FRESNEL, ERIC, FR  
[71] SLEEVE INTERNATIONAL COMPANY, FR  
[85] 2000-06-06  
[86] 1998-12-08 (PCT/FR98/02656)  
[87] 1999-06-24 (WO99/30970)  
[30] FR (97/15784) 1997-12-12

[21] **2,314,091**  
[13] A1

[51] **Int.Cl. 6B65D 73/00 6B65D 75/00**  
[25] FR  
[54] **EMBALLAGE POUR LA SUSPENSION D'ARTICLES A UNE BROCHE DE PRESENTOIR**  
[54] **PACKAGING FOR HANGING ARTICLES ON A DISPLAY UNIT CLIP PIN**  
[72] FRESNEL, ERIC, FR  
[71] SLEEVE INTERNATIONAL COMPANY, FR  
[85] 2000-06-06  
[86] 1998-12-08 (PCT/FR98/02655)  
[87] 1999-06-24 (WO99/30982)  
[30] FR (97/15786) 1997-12-12

[21] **2,314,092**  
[13] A1

[51] **Int.Cl. 6A61K 7/48**  
[25] FR  
[54] **COMPOSITION COSMETIQUE CONTENANT AU MOINS UNE AUXINE ET SON UTILISATION**  
[54] **COSMETIC COMPOSITION CONTAINING AT LEAST ONE AUXIN AND ITS USE**  
[72] RENAULT, BEATRICE, FR  
[72] GIRERD-DUGUE, FLORENCE, FR  
[72] BRETON, LIONEL, FR  
[71] L'OREAL, FR  
[85] 2000-06-08  
[86] 1998-12-18 (PCT/FR98/02796)  
[87] 1999-07-01 (WO99/32078)  
[30] FR (97/16177) 1997-12-19

[21] **2,314,094**  
[13] A1

[51] **Int.Cl. 6C10B 49/16 6C10K 3/02 6C10B 57/18**  
[25] EN  
[54] **METHOD FOR GASIFYING ORGANIC SUBSTANCES AND SUBSTANCE MIXTURES**  
[54] **PROCEDE DE GAZEIFICATION DE MATIERES ORGANIQUES ET DE MELANGES DE SUBSTANCES**  
[72] SCHMID, CHRISTOPH, DE  
[72] MUHLEN, HEINZ-JURGEN, DE  
[71] MUHLEN, HEINZ-JURGEN, DE  
[85] 2000-06-09  
[86] 1998-12-15 (PCT/EP98/08217)  
[87] 1999-06-24 (WO99/31197)  
[30] DE (197 55 693.0) 1997-12-16

[21] **2,314,095**  
[13] A1

[51] **Int.Cl. 6A61J 9/04 6A61J 9/00 6F16K 15/04 6B26D 7/06**  
[25] EN  
[54] **VENT DISC FOR BABY BOTTLE AND METHOD AND APPARATUS FOR MANUFACTURE THEREOF**  
[54] **DISQUE D'AERATION POUR BIBERON ET APPAREIL ET PROCEDE DE FABRICATION DUDIT DISQUE**  
[72] CHOMIK, RICHARD S., US  
[72] CLARK, JOSEPH, US  
[71] PLAYTEX PRODUCTS, INC., US  
[85] 2000-06-09  
[86] 1998-12-10 (PCT/US98/26284)  
[87] 1999-06-17 (WO99/29278)  
[30] US (60/069,083) 1997-12-10

[21] **2,314,097**  
[13] A1

[51] **Int.Cl. 7E05B 55/06**  
[25] EN  
[54] **LOCK WITH A LATCH BOLT PROTRUDING FROM THE LOCK HOUSING**  
[54] **SERRURE A PENE DEMI-TOUR FAISANT SAILLIE HORS DU BOITIER DE LADITE SERRURE**  
[72] KOTTERHEIT, GUNTER, DE  
[71] DORMA GMBH + CO. KG, DE  
[85] 2000-07-27  
[86] 1999-08-12 (PCT/EP99/05873)  
[87] 2000-03-09 (WO00/12851)  
[30] DE (198 39 043.21) 1998-08-28

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,314,098</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>PAYMENT SYSTEM AND METHOD USING TOKENS</b> [54] <b>SYSTEME ET PROCEDE DE PAIEMENT AU MOYEN DE JETONS</b> [72] BARKAN, MORDHAI, IL [71] DIVERSINET CORP., CA [85] 2000-07-07 [86] 1998-11-19 (PCT/IL98/00563) [87] 1999-06-03 (WO99/27475) [30] IL (122263) 1997-11-20</p>	<p style="text-align: right;">[21] <b>2,314,101</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/36</b> [25] EN [54] <b>SYSTEM AND METHOD FOR ADAPTIVE CHANNEL ALLOCATION</b> [54] <b>SYSTEME ET PROCEDE D'ALLOCATION DYNAMIQUE DE VOIES</b> [72] MINTZ, YARON, US [71] ERICSSON INC., US [85] 2000-06-14 [86] 1998-12-14 (PCT/US98/26519) [87] 1999-06-24 (WO99/31915) [30] US (08/990,439) 1997-12-15</p>	<p style="text-align: right;">[21] <b>2,314,146</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F28C 3/14</b> [25] EN [54] <b>RAINING BED HEAT EXCHANGER AND METHODS OF USE</b> [54] <b>ECHANGEUR THERMIQUE A LIT DE PLUIE ET MODES D'UTILISATION</b> [72] BREAUT, RONALD W., US [72] MCCLAIN, ANDREW W., US [72] LITKA, ANTHONY F., US [72] BECKER, FRED E., US [71] THERMO POWER CORPORATION, US [85] 2000-06-12 [86] 1998-11-23 (PCT/US98/24878) [87] 1999-06-24 (WO99/31450) [30] US (08/989,882) 1997-12-12</p>
<p style="text-align: right;">[21] <b>2,314,099</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38 6G01S 5/00 6G01S 5/14</b> [25] EN [54] <b>SELECTION OF POSITIONING HANDOVER CANDIDATES BASED ON PATH LOSS</b> [54] <b>SELECTION DE CANDIDATS POUR UN TRANSFERT DE LOCALISATION BASE SUR UN AFFAIBLISSEMENT SUR LE TRAJET</b> [72] BORG, GUNNAR, US [72] ZADEH, BAGHER, US [72] KINGDON, CHRISTOPHER, US [71] ERICSSON INC., US [85] 2000-06-14 [86] 1998-12-14 (PCT/US98/26521) [87] 1999-06-24 (WO99/31921) [30] US (08/992,296) 1997-12-17</p>	<p style="text-align: right;">[21] <b>2,314,102</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 7/08 6H04L 1/06</b> [25] EN [54] <b>A MOBILE STATION HAVING PLURAL ANTENNA ELEMENTS AND INTERFERENCE SUPPRESSION</b> [54] <b>STATION MOBILE POSSEDANT PLUSIEURS ELEMENTS D'ANTENNE ET UNE SUPPRESSION D'INTERFERENCES</b> [72] KARLSSON, JONAS, JP [72] FORSSEN, ULF GORAN, SE [72] MAZUR, SARA, SE [72] GUDMUNDSON, BJORN GUDMUND, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-06-14 [86] 1998-12-11 (PCT/SE98/02289) [87] 1999-06-24 (WO99/31820) [30] US (08/992,174) 1997-12-17</p>	<p style="text-align: right;">[21] <b>2,314,180</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01L 3/08 6B62D 6/10 6G01L 3/10 6G01L 3/12</b> [25] EN [54] <b>TRANSMISSION PATH TORQUE TRANSDUCER</b> [54] <b>TRANSDUCTEUR DE COUPLE POSSEDANT UN TRAJET DE TRANSMISSION</b> [72] EISENHAEUER, KARL, AU [71] BISHOP INNOVATION LIMITED, AU [85] 2000-06-13 [86] 1998-12-15 (PCT/AU98/01035) [87] 1999-06-24 (WO99/31474) [30] AU (PP 0984) 1997-12-17</p>
<p style="text-align: right;">[21] <b>2,314,100</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 5/00</b> [25] EN [54] <b>AN INTEGRATED SLEEP APNEA SCREENING SYSTEM</b> [54] <b>SYSTEME DE DETECTION INTEGRE DE L'APNEE DU SOMMEIL</b> [72] HADAS, NOAM, IL [71] S.L.P. LTD., IL [85] 2000-06-14 [86] 1999-01-05 (PCT/IL99/00008) [87] 1999-07-15 (WO99/34864) [30] IL (122,875) 1998-01-08</p>	<p style="text-align: right;">[21] <b>2,314,109</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C25D 5/18 7H01L 23/535</b> [25] EN [54] <b>ELECTRODEPOSITION OF METALS IN SMALL RECESSES USING MODULATED ELECTRIC FIELDS</b> [54] <b>ELECTRODEPOSITION DE METAUX DANS DE PETITS RENFORCEMENTS PAR MODULATION DE CHAMPS ELECTRIQUES</b> [72] TAYLOR, E. JENNINGS, US [72] SUN, JENNY J., US [72] ZHOU, CHENG DONG, US [71] FARADAY TECHNOLOGY, INC., US [85] 2000-06-14 [86] 1999-10-14 (PCT/US99/23653) [87] 2000-04-20 (WO00/22193) [30] US (09/172,299) 1998-10-14 [30] US (09/239,811) 1999-01-29</p>	<p style="text-align: right;">[21] <b>2,314,181</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F42B 5/08</b> [25] EN [54] <b>ELECTRIC PRIMER</b> [54] <b>AMORCEUR ELECTRIQUE</b> [72] SHLUCKEBIER, DAVID K., US [72] SHANKS, ROBERT B., US [72] WOLTERMAN, DAVID S., US [72] STONE, JEFFREY W., US [72] LOPATA, FRANCES G., US [72] RONKAINEN, DIANE, US [72] WILDMAN, SPENCER D., US [72] DANNER, DALE R., US [72] DWYER, JOHN M., JR., US [72] COOK, TODD D., US [71] REMINGTON ARMS COMPANY, INC., US [85] 2000-06-09 [86] 1998-12-10 (PCT/US98/26337) [87] 1999-06-17 (WO99/30104) [30] US (08/988,898) 1997-12-11</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,314,182</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 7/00</b> [25] EN [54] <b>USER INTERFACE FOR VOICE MESSAGE ACCESS</b> [54] <b>INTERFACE UTILISATEUR D'ACCES AUX MESSAGES VOCAUX</b> [72] HELFERICH, RICHARD J., US [71] HELFERICH, RICHARD J., US [85] 2000-06-09 [86] 1998-12-07 (PCT/US98/25209) [87] 1999-06-24 (WO99/31818) [30] US (08/989,874) 1997-12-12</p>	<p style="text-align: right;">[21] <b>2,314,185</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15 6A61F 15/00</b> [25] EN [54] <b>PACKAGING ARTICLE CONTAINING A SANITARY NAPKIN FOLDED OVER A TAMPON</b> [54] <b>ARTICLE D'EMBALLAGE CONTENANT UNE SERVIETTE HYGIENIQUE PLIEE AU-DESSUS D'UN TAMPON</b> [72] KUBALEK, RICHARD W., US [72] MODER, SUSAN J., US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2000-06-09 [86] 1998-10-23 (PCT/US98/22498) [87] 1999-06-24 (WO99/30659) [30] US (08/993,024) 1997-12-18 [30] US (08/993,025) 1997-12-18</p>	<p style="text-align: right;">[21] <b>2,314,188</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09B 23/06 6C09B 23/00 6C07H 21/00 6H01S 3/213 6C12Q 1/34 6G01N 33/58 6C12Q 1/68</b> [25] EN [54] <b>RIGIDIZED TRIMETHINE CYANINE DYES</b> [54] <b>COLORANTS DE TRIMETHINE CYANINE RIGIDIFIEE</b> [72] MUJUMDAR, RATNAKAR B., US [72] WAGGONER, ALAN S., US [71] CARNEGIE MELLON UNIVERSITY, US [85] 2000-06-09 [86] 1998-12-16 (PCT/US98/26665) [87] 1999-06-24 (WO99/31181) [30] US (08/992,212) 1997-12-17</p>
<p style="text-align: right;">[21] <b>2,314,183</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 25/06 6D21H 19/22 6D21H 17/35</b> [25] EN [54] <b>PLASTIC PERMEATED POROUS SUBSTRATE BASED PRODUCT</b> [54] <b>PRODUIT CONSTITUE D'UN SUPPORT POREUX TRAVERSE PAR UNE MATIERE PLASTIQUE</b> [72] ZAHER, MAXIMILIAN, DE [71] MZE ENGINEERING FUR VERFAHRENSTECHNIK GMBH, DE [71] BUSH INDUSTRIES, INC., US [85] 2000-06-09 [86] 1998-12-07 (PCT/EP98/07936) [87] 1999-06-17 (WO99/29959) [30] DE (197 54 619.6) 1997-12-09</p>	<p style="text-align: right;">[21] <b>2,314,186</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/39 6A61K 39/015 6A61K 39/02 6A61K 39/09</b> [25] EN [54] <b>ADJUVANTED VACCINE FORMULATION</b> [54] <b>VACCIN</b> [72] PRIEELS, JEAN-PAUL, BE [72] DALEMANS, WILFRIED L J, BE [72] LAFERRIERE, CRAIG ANTONY JOSEPH, BE [71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE [85] 2000-06-09 [86] 1998-12-18 (PCT/EP98/08562) [87] 1999-07-08 (WO99/33488) [30] GB (9727262.9) 1997-12-24</p>	<p style="text-align: right;">[21] <b>2,314,189</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 27/22</b> [25] EN [54] <b>RECEIVER</b> [54] <b>RECEPTEUR</b> [72] SHIRAIISHI, KENICHI, JP [71] KABUSHIKI KAISHA KENWOOD, JP [85] 2000-06-09 [86] 1998-12-17 (PCT/JP98/05721) [87] 1999-06-24 (WO99/31851) [30] JP (9-364606) 1997-12-17</p>
<p style="text-align: right;">[21] <b>2,314,184</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/00</b> [25] EN [54] <b>MULTIPLE ACCOUNT PORTABLE WIRELESS FINANCIAL MESSAGING UNIT</b> [54] <b>UNITE RADIO PORTABLE DE MESSAGERIE FINANCIERE A COMPTES MULTIPLES</b> [72] DAVIS, WALTER LEE, US [71] MOTOROLA, INC., US [85] 2000-06-09 [86] 1998-12-04 (PCT/US98/25768) [87] 1999-07-01 (WO99/33218) [30] US (08/995,796) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,314,187</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/20 6A61C 19/00 6B01J 19/12</b> [25] EN [54] <b>UVC LIQUID LIGHT GUIDE</b> [54] <b>CONDUCTEUR OPTIQUE LIQUIDE</b> [72] NATH, GUNTHER, DE [71] NATH, GUNTHER, DE [85] 2000-06-09 [86] 1998-12-01 (PCT/DE98/03572) [87] 1999-07-01 (WO99/32912) [30] DE (297 22 130.2) 1997-12-15 [30] DE (198 32 277.1) 1998-07-17</p>	<p style="text-align: right;">[21] <b>2,314,214</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b> [25] EN [54] <b>SITE-SPECIFIC INTEREST PROFILING SYSTEM</b> [54] <b>SYSTEME D'ETABLISSEMENT DE PROFILS D'UTILISATEUR PROPRES A UNE INSTALLATION</b> [72] SMITH, ROBERT BROOKINGS, US [72] SCHNASE, JOHN L., US [72] HEDRICK, THOMAS F., US [72] MCFADDEN, ANDREA P., US [72] KLEIN, THOMAS J., US [72] CUNNIUS, EDWARD L., US [71] MISSOURI BOTANICAL GARDEN, US [85] 2000-06-12 [86] 1998-12-11 (PCT/US98/26386) [87] 1999-06-17 (WO99/30255) [30] US (08/989,973) 1997-12-12 [30] US (08/989,973) 1997-12-12</p>



## PCT Applications Entering the National Phase

---

[21] **2,314,215**  
[13] A1  
[51] **Int.Cl. 6B25G 1/10**  
[25] EN  
[54] **A HANDLE WITH CONCAVE/  
CONVEX PROFILE**  
[54] **POIGNEE A PROFIL CONCAVE/  
CONVEXE**  
[72] SINCLAIR, BARRY, GB  
[71] OPTIDENT INTERNATIONAL LTD.,  
GB  
[85] 2000-06-09  
[86] 1998-10-28 (PCT/GB98/03219)  
[87] 1999-06-24 (WO99/30874)  
[30] GB (9726294.3) 1997-12-12

---

[21] **2,314,216**  
[13] A1  
[51] **Int.Cl. 6E01B 27/04 6F16B 37/00  
6F16B 2/02 6F16B 5/06 6F16B 37/14**  
[25] EN  
[54] **RAILWAY BALLAST BROOM  
ELEMENT CLAMP PLATE, BROOM  
ELEMENT AND EXTRUSION PROCESS  
FOR MANUFACTURING BROOM  
ELEMENT AND ASSOCIATED  
APPARATUS**  
[54] **PLAQUE DE SERRAGE D'UNE  
BROSSE ROTATIVE A BALLAST DE  
CHEMIN DE FER, ELEMENT DE  
BROSSE ROTATIVE ET PROCEDE  
D'EXTRUSION UTILISE DANS LA  
FABRICATION D'UNE BROSSE  
ROTATIVE A BALLAST, ET APPAREIL  
ASSOCIE**  
[72] SHEPPARD, STEPHEN RALPH, AU  
[72] MILLER, CLINTON ERNEST, AU  
[71] DERBY RUBBER PRODUCTS PTY.  
LTD., AU  
[85] 2000-06-09  
[86] 1998-12-10 (PCT/AU98/01025)  
[87] 1999-06-17 (WO99/29961)  
[30] AU (PP 0846) 1997-12-10

---

[21] **2,314,217**  
[13] A1  
[51] **Int.Cl. 6G07F 7/08 6H01L 33/00  
6H04Q 5/00 6H01L 41/08**  
[25] EN  
[54] **TRANSACTION  
AUTHENTICATION FOR 1-WAY  
WIRELESS FINANCIAL MESSAGING  
UNITS**  
[54] **AUTHENTIFICATION DE  
TRANSACTIONS POUR UNITES DE  
MESSAGERIE FINANCIERE SANS FIL  
UNIDIRECTIONNELLES**  
[72] DAVIS, WALTER LEE, US  
[72] RASOR, GREGG EDWARD, US  
[72] MACNAK, PHILIP PAUL, US  
[71] MOTOROLA, INC., US  
[85] 2000-06-09  
[86] 1998-12-04 (PCT/US98/25682)  
[87] 1999-07-01 (WO99/33031)  
[30] US (08/996,179) 1997-12-22

---

[21] **2,314,218**  
[13] A1  
[51] **Int.Cl. 6E01D 4/00**  
[25] EN  
[54] **TENSION AND COMPRESSION  
MEMBERS FOR ERECTING  
STRUCTURES**  
[54] **ELEMENTS DE TRACTION ET DE  
COMPRESSION DESTINES A LA  
CONSTRUCTION DE STRUCTURES**  
[72] TADROS, MAHER K., US  
[72] TUAN, CHRISTOPHER Y., US  
[71] BOARD OF REGENTS OF  
UNIVERSITY OF NEBRASKA, US  
[85] 2000-06-09  
[86] 1998-12-08 (PCT/US98/25971)  
[87] 1999-06-17 (WO99/29965)  
[30] US (08/988,140) 1997-12-10

---

[21] **2,314,219**  
[13] A1  
[51] **Int.Cl. 6H04M 9/08 6H04B 3/20**  
[25] EN  
[54] **ECHO CANCELLER HAVING  
IMPROVED NON-LINEAR  
PROCESSOR**  
[54] **SUPPRESSEUR D'ECHO A  
PROCESSEUR NON LINEAIRE  
AMELIORE**  
[72] FARRELL, DAVID S., US  
[72] LIU, TIANFANG, US  
[71] TELLABS OPERATIONS, INC., US  
[85] 2000-06-09  
[86] 1998-11-13 (PCT/US98/24346)  
[87] 1999-05-27 (WO99/26403)  
[30] US (08/970,639) 1997-11-14

---

[21] **2,314,225**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **METHOD FOR DETECTING  
APOPTOSIS USING FRET LABELED  
OLIGONUCLEOTIDES**  
[54] **METHODE DE DETECTION DE  
L' APOPTOSE A L' AIDE  
D' OLIGONUCLEOTIDES MARQUES  
PAR FRET**  
[72] NAZARENKO, IRINA A., US  
[72] JAMES, WILLIAM M., US  
[71] INTERGEN COMPANY, US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/26432)  
[87] 1999-06-17 (WO99/29905)  
[30] US (60/069,434) 1997-12-12

---

[21] **2,314,228**  
[13] A1  
[51] **Int.Cl. 6A61M 25/10**  
[25] EN  
[54] **PERFUSION SHUNT APPARATUS  
AND METHOD**  
[54] **SHUNT DE PERFUSION ET  
PROCEDE D'UTILISATION**  
[72] MACOVIK, JOHN A., US  
[72] SAMSON, WILFRED J., US  
[72] LEARY, JAMES J., US  
[71] CARDEON CORPORATION, US  
[85] 2000-06-13  
[86] 1998-12-14 (PCT/US98/26529)  
[87] 1999-06-24 (WO99/30765)  
[30] US (60/069,470) 1997-12-15

---

[21] **2,314,229**  
[13] A1  
[51] **Int.Cl. 7A61L 24/06**  
[25] EN  
[54] **POLYMERIC COMPOSITION FOR  
SEALING AND SHIELDING ANIMAL  
SKIN**  
[54] **COMPOSITIONS POLYMERES DE  
CICATRISATION ET DE PROTECTION  
DE LA PEAU D' UN ANIMAL**  
[72] SHAH, KISHORE R., US  
[71] BIOPOLYMER SOLUTIONS, INC., US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/26445)  
[87] 1999-06-17 (WO99/29273)  
[30] US (08/988,742) 1997-12-11

## Demandes PCT entrant en phase nationale

---

[21] **2,314,230**  
[13] A1

[51] **Int.Cl. 7C08L 23/00 7C08L 29/04 7C08L 93/04 7C08L 33/08 7E04F 15/10 7B32B 27/28**  
[25] EN  
[54] **INTERIOR RESIN ARTICLE**  
[54] **ARTICLE D'INTERIEUR EN RESINE**  
[72] INADA, TOSHIAKI, JP  
[71] NITTO BOSEKI CO., LTD., JP  
[85] 2000-06-09  
[86] 1999-10-05 (PCT/JP99/05494)  
[87] 2000-04-27 (WO00/23518)  
[30] JP (10-295388) 1998-10-16  
[30] JP (10-295500) 1998-10-16

---

[21] **2,314,232**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04J 13/04 7H04Q 7/32**  
[25] EN  
[54] **RESERVATION MULTIPLE ACCESS IN A CDMA COMMUNICATIONS SYSTEM**  
[54] **ACCES MULTIPLE PAR RESERVATION DANS UN SYSTEME DE COMMUNICATIONS CDMA**  
[72] KIM, JAE-YOEL, KR  
[72] AHN, JAE-MIN, KR  
[72] KANG, HEE-WON, KR  
[72] MOON, HI-CHAN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-13  
[86] 1999-11-09 (PCT/KR99/00670)  
[87] 2000-05-18 (WO00/28763)  
[30] KR (48494/1998) 1998-11-09  
[30] KR (49155/1998) 1998-11-13  
[30] KR (49651/1998) 1998-11-16

---

---

[21] **2,314,233**  
[13] A1

[51] **Int.Cl. 6B01J 37/02 6B01J 29/04 6C07D 301/12**  
[25] EN  
[54] **MOULDED BODY COMPRISING AN INERT SUPPORT AND AT LEAST ONE POROUS OXIDIC MATERIAL**  
[54] **CORPS MOULE COMPRENANT UN SUPPORT INERTE ET AU MOINS UN MATERIAU POREUX OBTENU PAR VOIE D'OXYDATION**  
[72] HARDER, WOLFGANG, DE  
[72] RIEBER, NORBERT, DE  
[72] GROSCH, GEORG HEINRICH, DE  
[72] MULLER, ULRICH, DE  
[72] WALCH, ANDREAS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-06-09  
[86] 1998-11-25 (PCT/EP98/07603)  
[87] 1999-06-17 (WO99/29426)  
[30] DE (197 54 924.1) 1997-12-10

---

[21] **2,314,235**  
[13] A1

[51] **Int.Cl. 6D21H 25/06 6B31F 1/12 6D21H 17/38**  
[25] EN  
[54] **CREPING PROCESS UTILIZING LOW TEMPERATURE-CURING ADHESIVE**  
[54] **TECHNIQUE DE CREPAGE FAISANT INTERVENIR UN ADHESIF DURCISSANT A BASSE TEMPERATURE**  
[72] WEBER, ROBERT EMIL, US  
[72] ANDERSON, RALPH, US  
[72] SAFFEL, THOMAS C., US  
[72] LARSON, KENNETH CURTIS, US  
[72] DAVIDSON, CHRISTOPHER LEE, US  
[72] ZACHARIAS, DUANE K., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-06-09  
[86] 1998-12-28 (PCT/US98/27738)  
[87] 1999-07-08 (WO99/34060)  
[30] US (60/070,084) 1997-12-31  
[30] US (09/207,319) 1998-12-07

---

---

[21] **2,314,238**  
[13] A1

[51] **Int.Cl. 6C07F 9/09**  
[25] EN  
[54] **SYNTHESIS OF COMBRETASTATIN A-4 PRODRUGS AND TRANS-ISOMERS THEREOF**  
[54] **SYNTHESE DE PROMEDICAMENTS A BASE DE COMBRESTATINE A-4 ET DE LEURS TRANS-ISOMERES**  
[72] RHODES, MONTE R., US  
[72] PETTIT, GEORGE R., US  
[71] ARIZONA BOARD OF REGENTS, A BODY CORPORATE, ACTING ON BEHALF OF ARIZONA, US  
[85] 2000-06-09  
[86] 1999-01-08 (PCT/US99/00419)  
[87] 1999-07-15 (WO99/35150)  
[30] US (60/071,070) 1998-01-09  
[30] US (60/111,531) 1998-12-09

---

[21] **2,314,240**  
[13] A1

[51] **Int.Cl. 6C08J 5/12 6C08L 9/02 6C08L 71/03 6B32B 27/08 6C08L 27/12**  
[25] EN  
[54] **ELASTOMER COMPOSITIONS FOR BONDING TO FLUOROPOLYMERS**  
[54] **COMPOSITIONS ELASTOMERES DESTINEES AU COLLAGE AUX POLYMERES FLUORES**  
[72] PARSONAGE, EDWARD E., US  
[72] KOLB, ROBERT E., US  
[71] DYNELON LLC, US  
[85] 2000-06-13  
[86] 1998-05-13 (PCT/US98/09783)  
[87] 1999-07-01 (WO99/32542)  
[30] US (08/994378) 1997-12-19

---

[21] **2,314,242**  
[13] A1

[51] **Int.Cl. 6A47K 10/40**  
[25] EN  
[54] **DRAG-REDUCING HUB AND SUPPORT ARM ASSEMBLIES FOR ROLL GOODS DISPENSER**  
[54] **ENSEMBLES MOYEU ET BRAS DE SUPPORT REDUISANT LES FROTTEMENTS SUR DES DISTRIBUTEURS DE PRODUITS EN ROULEAU**  
[72] LEWIS, RICHARD PAUL, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-06-09  
[86] 1998-12-17 (PCT/US98/26838)  
[87] 1999-07-08 (WO99/33383)  
[30] US (09/000,507) 1997-12-30

---

## PCT Applications Entering the National Phase

---

[21] **2,314,243**  
[13] A1  
[51] **Int.Cl. 6B32B 15/08**  
[25] EN  
[54] **HYDROXY-FUNCTIONAL POLYETHER LAMINATES**  
[54] **STRATIFIES POLYETHERS A FONCTION HYDROXY**  
[72] STEVENS, BRADLEY DAY, US  
[72] KELCH, ROBERT H., US  
[72] FIERO, TERRY H., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-06-13  
[86] 1998-10-23 (PCT/US98/22430)  
[87] 1999-07-01 (WO99/32281)  
[30] US (08/994,198) 1997-12-19

---

[21] **2,314,245**  
[13] A1  
[51] **Int.Cl. 6F42D 5/045**  
[25] EN  
[54] **APPARATUS AND METHOD FOR BLAST SUPPRESSION**  
[54] **APPAREIL ET PROCEDE DE SUPPRESSION DU SOUFFLE**  
[72] EATON, DOUGLAS, CA  
[72] MOUNTAIN, PATRICIA, CA  
[72] CORBIN, CHRISTOPHER, CA  
[72] BUREAUX, JOHN G., CA  
[72] COWAN, GEORGE, CA  
[71] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE SOLICIT, CA  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/CA98/01163)  
[87] 1999-06-24 (WO99/31457)  
[30] US (60/069,533) 1997-12-12

---

---

[21] **2,314,246**  
[13] A1  
[51] **Int.Cl. 6C12N 15/90 6C12N 5/10 6C12N 15/10 6C12Q 1/68**  
[25] EN  
[54] **THE USE OF CONSENSUS SEQUENCES FOR TARGETED HOMOLOGOUS GENE ISOLATION AND RECOMBINATION IN GENE FAMILIES**  
[54] **UTILISATION DE SEQUENCES CONSENSUS POUR UN ISOLEMENT CIBLE DE GENES HOMOLOGUES ET LEUR RECOMBINAISON DANS DES FAMILLES DE GENES**  
[72] ZARLING, DAVID, US  
[72] PATI, SUSHMA, US  
[72] ZENG, HONG, US  
[72] LEHMAN, CHRISTOPHER W., US  
[71] PANGENE CORPORATION, US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/26498)  
[87] 1999-07-29 (WO99/37755)  
[30] US (60/070,734) 1997-12-11

---

[21] **2,314,247**  
[13] A1  
[51] **Int.Cl. 7B01J 23/54 7C07C 67/055 7B01J 23/66**  
[25] EN  
[54] **CATALYST BASED ON PALLADIUM, GOLD, ALKALI METAL AND LANTHANIDS AND PROCESS FOR PREPARING FOR PRODUCING VINYL ACETATE**  
[54] **CATALYSEURS A BASE DE PALLADIUM, D'OR, D'ALCALI ET DE LANTHANIDE ET PROCEDE POUR LA PREPARATION D'ACETATE DE VINYLE**  
[72] NICOLAU, IOAN, US  
[72] WANG, TAO, US  
[72] HERZOG, BERNHARD, DE  
[71] CELANESE CHEMICALS EUROPE GMBH, DE  
[71] CELANESE INTERNATIONAL CORPORATION, US  
[85] 2000-06-09  
[86] 1998-12-02 (PCT/EP98/07816)  
[87] 1999-06-17 (WO99/29418)  
[30] DE (197 55 023.1) 1997-12-11

---

---

[21] **2,314,249**  
[13] A1  
[51] **Int.Cl. 6G11C 7/00**  
[25] EN  
[54] **SENSE AMPLIFIER WITH ZERO POWER IDLE MODE**  
[54] **AMPLIFICATEUR DE DETECTION AVEC MODE DE RALENTI A ALIMENTATION NULLE**  
[72] HANGZO, NIANGLAMCHING, US  
[72] PATHAK, SAROJ, US  
[72] ROSENDALE, GLEN A., US  
[72] PAYNE, JAMES E., US  
[71] ATMEL CORPORATION, US  
[85] 2000-06-13  
[86] 1999-03-29 (PCT/US99/06807)  
[87] 1999-10-28 (WO99/54880)  
[30] US (09/064,811) 1998-04-22

---

[21] **2,314,250**  
[13] A1  
[51] **Int.Cl. 7H04J 13/00 7H04L 29/08 7H04B 7/26**  
[25] EN  
[54] **RLP COMMUNICATION DEVICE AND METHOD FOR MOBILE COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET PROCEDE DE COMMUNICATION A PROTOCOLE DE LIAISON RADIO POUR SYSTEME DE COMMUNICATION MOBILE**  
[72] LEE, HYUN-SEOK, KR  
[72] CHANG, HOON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-13  
[86] 1999-10-15 (PCT/KR99/00623)  
[87] 2000-04-20 (WO00/22693)  
[30] KR (1998/43560) 1998-10-15

---

[21] **2,314,252**  
[13] A1  
[51] **Int.Cl. 6F22B 1/18 6F01K 23/10**  
[25] EN  
[54] **GAS FLOW DISTRIBUTION IN HEAT RECOVERY STEAM GENERATORS**  
[54] **REPARTITION DE L'ECOULEMENT DU GAZ DANS DES GENERATEURS DE VAPEUR A RECUPERATION DE CHALEUR**  
[72] BAUVER, WESLEY P., JR., US  
[72] MILLER, PAUL F., US  
[71] ABB ALSTOM POWER INC., US  
[85] 2000-06-13  
[86] 1998-12-15 (PCT/US98/26578)  
[87] 1999-06-24 (WO99/31435)  
[30] US (08/992,936) 1997-12-17

---

## Demandes PCT entrant en phase nationale

[21] **2,314,253**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04 6H04J 3/16**  
[25] EN  
[54] **APPARATUS FOR SENDING AND/OR RECEIVING DATA IN AN SDH OR, RESPECTIVELY PDH TRANSMISSION SYSTEM**  
[54] **DISPOSITIF POUR TRANSMETTRE ET/OU RECEVOIR DES DONNEES DE HIERARCHIE NUMERIQUE SYNCHROME (HNP) OU, DANS UN SYSTEME DE TRANSMISSION A HIERARCHIE NUMERIQUE PLESIOCHROME (HNP)**  
[72] SINGER, JOSEF, DE  
[71] SIEMENS AKTIENGESSELLCHAFT, DE  
[85] 2000-06-09  
[86] 1998-11-23 (PCT/DE98/03456)  
[87] 1999-06-17 (WO99/30527)  
[30] DE (197 55 121.1) 1997-12-11  
[30] DE (198 07 186.8) 1998-02-20

[21] **2,314,256**  
[13] A1

[51] **Int.Cl. 6C08L 27/12 6B32B 7/10 6C08J 5/12 6C08L 27/16 6C08K 5/17 6C08F 8/26 6B32B 27/28 6C08K 5/29**  
[25] EN  
[54] **COMPOSITIONS FOR BONDING FLUOROPLASTICS**  
[54] **COMPOSITIONS POUR LIER DES PLASTIQUES FLUORES**  
[72] KOLB, ROBERT E., US  
[72] PARSONAGE, EDWARD E., US  
[72] BYMARK, JERRY L., US  
[71] DYNEON LLC, US  
[85] 2000-06-13  
[86] 1998-12-10 (PCT/US98/26287)  
[87] 1999-07-01 (WO99/32557)  
[30] US (60/068,321) 1997-12-19

[21] **2,314,258**  
[13] A1

[51] **Int.Cl. 6H02J 7/35 6B60H 1/00**  
[25] EN  
[54] **A POWER SUPPLY SYSTEM OF AN ELECTRONIC SWITCHING ELECTRIC MOTOR FOR AIR-CONDITIONING DEVICES TO BE INSTALLED INSIDE THE MOTOR VEHICLES**  
[54] **SYSTEME D'ALIMENTATION D'UN MOTEUR ELECTRIQUE A COMMUTATION ELECTRONIQUE POUR DES CLIMATISEURS DESTINES A ETRE MONTES DANS DES VEHICULES A MOTEUR**  
[72] DE FILIPPIS, PIETRO, IT  
[72] DEL FAVERO, ANGELO, IT  
[71] BITRON S.P.A., IT  
[85] 2000-06-09  
[86] 1998-12-07 (PCT/EP98/07930)  
[87] 1999-06-24 (WO99/31780)  
[30] IT (TO97A001092) 1997-12-15

[21] **2,314,259**  
[13] A1

[51] **Int.Cl. 6A61K 31/33 6A61K 31/16 6A61K 31/175 6A61K 31/275 6A61K 31/335**  
[25] EN  
[54] **MULTICATALYTIC PROTEASE INHIBITORS FOR USE AS ANTI-TUMOR AGENTS**  
[54] **INHIBITEURS DE PROTEASE MULTICATALYTIQUE, UTILES EN TANT QU'AGENTS ANTITUMORAUX**  
[72] GOLDFARB, RONALD H., US  
[72] JANI, JITESH P., US  
[72] DOU, QING PING, US  
[72] SIMAN, ROBERT, US  
[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[71] CEPHALON INC., US  
[85] 2000-06-13  
[86] 1998-12-15 (PCT/US98/26607)  
[87] 1999-06-24 (WO99/30707)  
[30] US (60/069,804) 1997-12-16

[21] **2,314,260**  
[13] A1

[51] **Int.Cl. 6H04B 1/38**  
[25] EN  
[54] **HAND-HELD COMMUNICATION APPARATUS AND RELATED SYSTEM**  
[54] **APPAREIL DE COMMUNICATION PORTATIF ET SYSTEME ASSOCIE**  
[72] HOLMES, STEVE R., US  
[72] ALKIRE, JOHN C., US  
[72] FRANTOM, HOWARD B., US  
[71] CELLBOOK, INC., US  
[85] 2000-06-09  
[86] 1998-04-07 (PCT/US98/07186)  
[87] 1999-07-01 (WO99/33193)  
[30] US (60/068,280) 1997-12-19

[21] **2,314,262**  
[13] A1

[51] **Int.Cl. 6B29C 35/14 6C01B 31/00 6H05B 7/09**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING CARBONACEOUS ARTICLE**  
[54] **PROCEDE ET APPAREIL D'OBTENTION D'ARTICLES CARBONES**  
[72] STANLEY, EARL K., US  
[71] GLOBE METALLURGICAL, INC., US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/25722)  
[87] 1999-06-24 (WO99/30887)  
[30] US (08/989,637) 1997-12-12

[21] **2,314,263**  
[13] A1

[51] **Int.Cl. 6H04Q 7/30 6H04M 7/00**  
[25] EN  
[54] **METHOD, SWITCHING MEANS AND TELECOMMUNICATION SYSTEM FOR PERFORMING DATA COMMUNICATIONS BETWEEN SUBSCRIBER STATIONS**  
[54] **PROCEDE, DISPOSITIF DE COMMUTATION ET SYSTEME DE TELECOMMUNICATION PERMETTANT DE REALISER DES COMMUNICATIONS DE DONNEES ENTRE DES STATIONS D'ABONNES**  
[72] SIEPPI, JUKKA, FI  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-13  
[86] 1998-12-16 (PCT/EP98/08265)  
[87] 1999-06-24 (WO99/31911)  
[30] DE (197 56 191.8) 1997-12-17

## PCT Applications Entering the National Phase

---

[21] **2,314,264**  
[13] A1  
[51] **Int.Cl. 6C08L 83/07 6C08K 3/22**  
[25] EN  
[54] **ADDITION CROSS-LINKING SILICONE RUBBER MIXTURES, A METHOD FOR THEIR PRODUCTION AND THEIR USE**  
[54] **MELANGES DE CAOUTCHOUC SILICONE RETICULANT PAR ADDITION, PROCEDE PERMETTANT DE LES PREPARER ET LEUR UTILISATION**  
[72] VOIGT, TILMAN, DE  
[72] MROZEK, ALFONS, DE  
[71] GE BAYER SILICONES GMBH & CO. KG, DE  
[85] 2000-06-09  
[86] 1998-10-12 (PCT/EP98/06445)  
[87] 2000-04-20 (WO00/22047)

---

[21] **2,314,265**  
[13] A1  
[51] **Int.Cl. 7C21D 9/675 7F27B 11/00 7C21D 9/663**  
[25] EN  
[54] **TOP HAT FURNACE**  
[54] **FOUR A CLOCHE**  
[72] WILDEN, SIEGFRIED, DE  
[72] KNUDSEN, ARNE-NILS, DE  
[71] OTTO JUNKER GMBH, DE  
[85] 2000-06-13  
[86] 1999-08-31 (PCT/DE99/02718)  
[87] 2000-04-20 (WO00/22178)  
[30] DE (198 47 417.2) 1998-10-14

---

[21] **2,314,267**  
[13] A1  
[51] **Int.Cl. 6C12N 15/62 6A61K 38/00 6A61K 39/00 6C07K 14/00 6C07K 19/00 6C12Q 1/00 6A61K 38/43 6C12N 15/52 6G01N 33/53 6C12Q 1/68 6C12Q 1/70**  
[25] EN  
[54] **ANTI-PATHOGEN SYSTEM AND METHODS OF USE THEREOF**  
[54] **SYSTEME ANTI-PATHOGENE ET PROCEDES D'UTILISATION**  
[72] DOWDY, STEVEN F., US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2000-06-09  
[86] 1998-12-10 (PCT/US98/26358)  
[87] 1999-06-17 (WO99/29721)  
[30] US (60/069,012) 1997-12-10  
[30] US (60/082,402) 1998-04-20

---

---

[21] **2,314,268**  
[13] A1  
[51] **Int.Cl. 6H04L 29/06 6H04Q 7/22**  
[25] EN  
[54] **USE OF TRANSMISSION CONTROL PROTOCOL PROXY WITHIN PACKET DATA SERVICE TRANSMISSIONS IN A MOBILE NETWORK**  
[54] **UTILISATION D'UN TEMOIN DE PROTOCOLE DE COMMANDE DE TRANSMISSION LORS DE TRANSMISSIONS DE SERVICE DE DONNEES EN PAQUETS DANS UN RESEAU MOBILE**  
[72] KARLSSON, TORGNY, SE  
[72] ANDERSSON, DICK, SE  
[72] HERLITZ, ANDERS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-13  
[86] 1998-12-08 (PCT/SE98/02257)  
[87] 1999-06-24 (WO99/31855)  
[30] US (08/991,662) 1997-12-16

---

[21] **2,314,269**  
[13] A1  
[51] **Int.Cl. 6H04Q 11/04**  
[25] EN  
[54] **OPTIMISATION OF THE USE OF EXTERNAL TRANSMISSION RESOURCES ON CONNECTING SECTIONS BETWEEN COMMUNICATION SYSTEMS**  
[54] **OPTIMISATION DE L'UTILISATION DE RESSOURCES DE TRANSMISSION EXTERNES SUR DES PARTIES DE LIAISONS ENTRE DES SYSTEMES DE COMMUNICATION**  
[72] BRENNER, ROLAND, DE  
[72] LAMPE, DOROTHEA, DE  
[72] POPOVIC-BERRSCHE, BRANKO, DE  
[71] SIEMENS AKTIENGESSELLCHAFT, DE  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/DE98/03645)  
[87] 1999-06-24 (WO99/31924)  
[30] DE (197 55 385.0) 1997-12-12

---

---

[21] **2,314,271**  
[13] A1  
[51] **Int.Cl. 6A63D 5/06**  
[25] EN  
[54] **BOWLING PIN ARRANGEMENT CONTROLLER AND LINKAGE UNIT THEREOF**  
[54] **GESTIONNAIRE DE DISPOSITION DE QUILLES DE BOWLING ET MECANISME**  
[72] YAMAUCHI, YOSHITAKA, JP  
[72] TSUJITA, MASAHIRO, JP  
[71] TELESYSTEMS CO., LTD., JP  
[85] 2000-06-09  
[86] 1999-03-04 (PCT/JP99/01065)  
[87] 2000-06-22 (WO00/35543)  
[30] JP (P10-352745) 1998-12-11  
[30] JP (P11-053629) 1999-03-02

---

[21] **2,314,273**  
[13] A1  
[51] **Int.Cl. 6B65D 41/34**  
[25] EN  
[54] **TAMPER-INDICATING CLOSURE**  
[54] **FERMETURE DE SECURITE**  
[72] SHELDON, L. WIDLE, US  
[71] SHELDON, L. WIDLE, US  
[85] 2000-06-09  
[86] 1998-12-17 (PCT/US98/26771)  
[87] 1999-06-24 (WO99/30977)  
[30] US (08/992,145) 1997-12-17

---

[21] **2,314,274**  
[13] A1  
[51] **Int.Cl. 6A23L 1/06 6A23L 1/10 6A23L 1/22 6A23L 1/28**  
[25] EN  
[54] **HIGH TEMPERATURE EXTRACTION OF SPICES AND HERBS**  
[54] **EXTRACTION A HAUTE TEMPERATURE D'HERBES ET EPICES**  
[72] TODD, GEORGE N., US  
[71] KALAMAZOO HOLDINGS, INC., US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/26455)  
[87] 1999-06-17 (WO99/29184)  
[30] US (08/989,356) 1997-12-12

---

## Demandes PCT entrant en phase nationale

[21] **2,314,276**  
[13] A1

[51] **Int.Cl. 6D04B 9/02**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO KNITTING MACHINES**  
[54] **AMELIORATIONS APORTEES A DES MACHINES A TRICOTER**  
[72] HANAFI, FREDDY, SG  
[71] FALMAC LIMITED, SG  
[85] 2000-06-09  
[86] 1998-03-11 (PCT/SG98/00017)  
[87] 1999-07-01 (WO99/32696)  
[30] SG (9704582-7) 1997-12-19

[21] **2,314,320**  
[13] A1

[51] **Int.Cl. 6C08G 18/70 6C09J 175/04 6C08G 18/62 6C08G 18/80**  
[25] EN  
[54] **METHOD FOR PRODUCING AND USING STORAGE-STABLE, LATENT-REACTIVE LAYERS OR POWDERS OF SURFACE-DEACTIVATED, SOLID POLYISOCYANATES AND DISPERSION POLYMERS WITH FUNCTIONAL GROUPS**  
[54] **PROCEDES DE PRODUCTION ET UTILISATION DE COUCHES OU DE POUDRES A REACTION LATENTE STABLES AU STOCKAGE, A BASE DE POLYISOCYANATES SOLIDES DESACTIVES EN SURFACE ET DE POLYMERES DE DISPERSION AVEC DES GROUPE FONCTIONNELS**  
[72] ABEND, THOMAS, CH  
[71] ABEND, THOMAS, CH  
[85] 2000-06-08  
[86] 1998-12-09 (PCT/CH98/00519)  
[87] 1999-06-17 (WO99/29755)  
[30] EP (97810969.2) 1997-12-11

[21] **2,314,324**  
[13] A1

[51] **Int.Cl. 6C08G 18/63 6C08F 283/06 6C08G 65/10**  
[25] EN  
[54] **POLYMER POLYOL AND STABILIZER SYSTEMS**  
[54] **POLYOLS POLYMERES ET SYSTEMES STABILISANTS**  
[72] SIMROTH, DONALD W., US  
[72] HOLESCHOVSKY, ULRICH B., US  
[71] BAYER AG, DE  
[85] 2000-06-08  
[86] 1998-11-16 (PCT/EP98/07308)  
[87] 1999-06-24 (WO99/31160)  
[30] US (08/991,561) 1997-12-16

[21] **2,314,325**  
[13] A1

[51] **Int.Cl. 6B23K 35/30**  
[25] EN  
[54] **POWDER MATERIAL FOR POWDER PLASMA OVERLAYING AND POWDER PLASMA OVERLAYING METAL**  
[54] **MATERIAU EN POUDRE POUR LE RECOUVREMENT DE PLASMA EN POUDRE ET METAL DE RECOUVREMENT DU PLASMA EN POUDRE**  
[72] KOJIMA, YUICHI, JP  
[72] MAEDA, TAKAYUKI, JP  
[72] NOTOMI, AKIRA, JP  
[72] ONITSUKA, YOSHIMI, JP  
[72] YAMAGUCHI, TETSUJI, JP  
[72] ISHIHARA, IWAMI, JP  
[72] MIKI, RYOJI, JP  
[72] NISHIO, TOSHIKI, JP  
[72] INAMI, TAKASHI, JP  
[72] MATSUI, MASAKAZU, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 2000-06-08  
[86] 1999-10-12 (PCT/JP99/05615)  
[87] 2000-04-20 (WO00/21711)  
[30] JP (10-291150) 1998-10-13

[21] **2,314,326**  
[13] A1

[51] **Int.Cl. 6A01N 37/18**  
[25] EN  
[54] **TRANSDERMAL THERAPEUTIC DEVICE AND METHOD WITH CAPSAICIN AND CAPSAICIN ANALOGS**  
[54] **DISPOSITIF THERAPEUTIQUE TRANSDERMIQUE ET PROCEDE RECORANT A LA CAPSAICINE ET A SES ANALOGUES**  
[72] ROBBINS, WENDYE R., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-06-08  
[86] 1998-12-08 (PCT/US98/25794)  
[87] 1999-06-24 (WO99/30560)  
[30] US (08/990,633) 1997-12-15

[21] **2,314,328**  
[13] A1

[51] **Int.Cl. 6C12P 13/00 6C12P 1/00**  
[25] EN  
[54] **METHOD FOR PRODUCING L-CARNITINE FROM CROTONOBETAINE**  
[54] **PROCEDE DE PRODUCTION DE L-CARNITINE A PARTIR DE CROTONOBETAINE**  
[72] IBORRA, JOSE LUIS, ES  
[72] OBON, JOSE MARIA, ES  
[72] KLEBER, HANS-PETER, DE  
[72] CANOVAS-DIAZ, MANUEL, ES  
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE SPA, IT  
[85] 2000-06-08  
[86] 1998-11-09 (PCT/EP98/07124)  
[87] 1999-05-20 (WO99/24597)  
[30] DE (197 49 480.3) 1997-11-08

[21] **2,314,334**  
[13] A1

[51] **Int.Cl. 6C07D 251/48 6C07C 279/26 6C07D 251/42 6A01N 43/68**  
[25] EN  
[54] **SUBSTITUTED 2,4-DIAMINO-1,3,5-TRIAZINES**  
[54] **2,4-DIAMINO-1,3,5-TRIAZINES SUBSTITUEES**  
[72] RIEBEL, HANS-JOCHEM, DE  
[72] KIRSTEN, ROLF, DE  
[72] VOIGT, KATHARINA, DE  
[72] WETCHOLOWSKY, INGO, BR  
[72] LENDER, ANDREAS, DE  
[72] WATANABE, YUKIYOSHI, JP  
[72] GOTO, TOSHIO, JP  
[72] MYERS, RANDY ALLEN, US  
[72] LEHR, STEFAN, DE  
[72] DREWES, MARK WILHELM, DE  
[72] DOLLINGER, MARKUS, US  
[71] NIHON BAYER AGROCHEM K.K., JP  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-06-08  
[86] 1998-11-28 (PCT/EP98/07691)  
[87] 1999-06-17 (WO99/29677)  
[30] DE (197 55 016.9) 1997-12-11

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,314,336</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/26</b> [25] EN [54] <b>TAMPON APPLICATOR</b> [54] <b>APPLICATEUR DE TAMPON</b> [72] BUZOT, HERVE, US [71] JOHNSON &amp; JOHNSON GMBH, DE [85] 2000-06-08 [86] 1998-12-23 (PCT/EP98/08400) [87] 1999-07-08 (WO99/33429) [30] DE (197 58 376.8) 1997-12-24</p>	<p style="text-align: center;">[21] <b>2,314,343</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61G 1/01</b> [25] EN [54] <b>PATIENT TRANSFER DEVICE</b> [54] <b>DISPOSITIF DE TRANSFERT POUR PATIENT</b> [72] ALEXANDER, JANE DEBORAH, GB [71] BARTS AND THE LONDON NHS TRUST, GB [85] 2000-04-17 [86] 1998-10-22 (PCT/GB98/03167) [87] 1999-05-06 (WO99/21523) [30] GB (9722433.1) 1997-10-23</p>	<p style="text-align: center;">[21] <b>2,314,350</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04D 3/02 6F04D 31/00</b> [25] EN [54] <b>PUMP/MOTOR ASSEMBLY</b> [54] <b>"ENSEMBLE MOTEUR/POMPE"</b> [72] CAMERON, ANTHONY DUNCAN, GB [72] SIMPSON, ALASTAIR JOHN, GB [71] TRIANGLE ENGINEERING CONSULTANTS LIMITED, GB [85] 2000-05-24 [86] 1998-11-26 (PCT/GB98/03524) [87] 1999-06-03 (WO99/27256) [30] GB (9724899.1) 1997-11-26</p>
<p style="text-align: center;">[21] <b>2,314,338</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 41/29 6H05B 41/392</b> [25] EN [54] <b>METHOD TO PREVENT SPURIOUS OPERATION OF A FLUORESCENT LAMP BALLAST</b> [54] <b>PREVENTION DU FONCTIONNEMENT PARASITIQUE D'UN BALLAST DE LAMPE FLUORESCENTE</b> [72] LUCHACO, DAVID G., US [71] LUTRON ELECTRONIC CO., INC., US [85] 2000-03-14 [86] 1998-08-26 (PCT/US98/17686) [87] 1999-04-08 (WO99/17591) [30] US (08/938,651) 1997-09-26</p>	<p style="text-align: center;">[21] <b>2,314,345</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60R 21/02</b> [25] EN [54] <b>RETAINER DEVICE WITH SHOULDER ARRESTER FOR TRANSPORT SYSTEMS</b> [54] <b>DISPOSITIF DE RETENUE AVEC ENSEMBLE RETENANT LES EPAULES POUR MOYENS DE TRANSPORT</b> [72] GO, GIOK DJIEN, DE [71] GO, GIOK DJIEN, DE [85] 2000-04-17 [86] 1998-11-10 (PCT/DE98/03271) [87] 1999-05-20 (WO99/24292) [30] DE (197 58 49841) 1997-11-11</p>	<p style="text-align: center;">[21] <b>2,314,401</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 231/14 6C07D 249/04 6C07D 257/04 6C07D 401/12 6C07D 403/12 6C07D 401/14 6C07D 231/22 6C07D 231/24 6A61K 31/415 6A61K 31/44 6A61K 31/445</b> [25] EN [54] <b>NITROGEN CONTAINING HETEROAROMATICS WITH ORTHO-SUBSTITUTED P1'S AS FACTOR XA INHIBITORS</b> [54] <b>HETEROAROMATIQUES CONTENANT DE L'AZOTE, PRESENTANT DES GROUPES P1 A SUBSTITUTION ORTHO, ET UTILISES EN TANT QU'INHIBITEURS DU FACTEUR XA</b> [72] BOSTROM, LORI L., US [72] PINTO, DONALD J. P., US [72] GALEMMO, ROBERT A., JR., US [72] ROSSI, KAREN ANITA, US [71] DUPONT PHARMACEUTICALS COMPANY, US [85] 2000-06-13 [86] 1998-12-11 (PCT/US98/26427) [87] 1999-07-01 (WO99/32454) [30] US (08/996,447) 1997-12-22 [30] US (60/101,075) 1998-09-18</p>
<p style="text-align: center;">[21] <b>2,314,341</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F42D 3/02 7E21B 7/00 7F42B 12/20</b> [25] EN [54] <b>METHOD AND APPARATUS FOR REMOVING OBSTRUCTIONS IN MINES</b> [54] <b>PROCEDE ET APPAREIL SERVANT A ENLEVER DES OBSTACLES DANS DES MINES</b> [72] GAVRILOVIC, MIHAILO, US [72] WRIGHT, KEITH W., US [72] MICKE, BRIAN P., US [71] ROCKTEK LIMITED, AU [85] 2000-04-14 [86] 1998-10-14 (PCT/US98/21790) [87] 1999-04-29 (WO99/20974) [30] US (60/062,537) 1997-10-17 [30] US (60/087,058) 1998-05-28</p>	<p style="text-align: center;">[21] <b>2,314,348</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 9/02 6A61F 11/08</b> [25] EN [54] <b>INDUSTRIAL SAFETY ASSEMBLY INCLUDING DISPOSABLE EAR PROTECTION AND EAR PHONE</b> [54] <b>ENSEMBLE DE SECURITE INDUSTRIELLE COMPORTANT UN PROTECTEUR ANTIBRUIT ET UN ECOUTEUR JETABLES</b> [72] RICKARDS, TOM, US [71] RICKARDS, TOM, US [85] 2000-05-24 [86] 1998-02-10 (PCT/US98/02428) [87] 1999-06-03 (WO99/27413) [30] US (08/976,939) 1997-11-24</p>	

## Demandes PCT entrant en phase nationale

[21] **2,314,402**  
[13] A1

[51] **Int.Cl. 7C07C 45/80 7C07C 27/02 7C07C 31/08 7C07C 49/10 7C07C 27/12 7C07C 27/28 7C07C 45/33 7C07C 45/82 7C07C 29/86**

[25] EN  
[54] **PROCESS OF RECOVERING METHYL ETHYL KETONE FROM AN AQUEOUS MIXTURE OF METHYL ETHYL KETONE AND ETHANOL**  
[54] **PROCEDE DE RECUPERATION DE METHYL-ETHYL-CETONE A PARTIR D'UN MELANGE AQUEUX DE METHYL-ETHYL-CETONE ET D'ETHANOL**

[72] MURPHY, CARL DAVID, US  
[71] CELANESE INTERNATIONAL CORPORATION, US

[85] 2000-06-13  
[86] 1999-09-28 (PCT/US99/22355)  
[87] 2000-04-27 (WO00/23411)  
[30] US (09/173,620) 1998-10-16

[21] **2,314,407**  
[13] A1

[51] **Int.Cl. 6A61K 31/12 6A23C 9/00 6A61K 7/00 6A61K 31/07 6A23J 1/20 6A61K 35/20**

[25] EN  
[54] **IMMUNOGLOBULIN-RICH MILK, PRODUCTION AND USE THEREOF**  
[54] **LAIT ENRICHÉ EN IMMUNOGLOBULINES, SA PRODUCTION ET SON UTILISATION**

[72] LIGNELL, AKE, SE  
[72] INBORR, JOHAN, SE  
[71] ASTACAROTENE AB, SE  
[85] 2000-06-13  
[86] 1998-12-02 (PCT/SE98/02069)  
[87] 1999-06-24 (WO99/30700)  
[30] SE (9704737-7) 1997-12-18

[21] **2,314,408**  
[13] A1

[51] **Int.Cl. 6A61K 31/44 6C07D 221/00 6C07D 277/00 6C07D 333/00 6C07D 495/04 6C07D 513/04 6A61K 31/47 6A61K 31/505 6A61K 31/535 6A61K 31/54**

[25] EN  
[54] **ANTIVIRAL COMPOUNDS**  
[54] **COMPOSES ANTIVIRAUX**  
[72] BEDARD, JEAN, CA  
[72] LAVALLÉE, JEAN-FRANCOIS, CA  
[72] RANDO, ROBERT F., CA  
[72] FALARDEAU, GUY, CA  
[71] BIOCHEM PHARMA INC., CA  
[85] 2000-06-08  
[86] 1998-12-11 (PCT/CA98/01166)  
[87] 1999-06-17 (WO99/29318)  
[30] US (60/069,331) 1997-12-11

[21] **2,314,452**  
[13] A1

[51] **Int.Cl. 6A61K 31/135 6C07C 217/20**  
[25] EN  
[54] **NEW USE OF LOCAL ANAESTHETICS AGAINST VASCULAR HEADACHES**

[54] **NOUVELLE UTILISATION D'ANESTHÉSIAUX LOCAUX POUR TRAITER LES CEPHALES VASCULAIRES**

[72] DALSGAARD, CARL-JOHAN, SE  
[72] EEK, ARNE, SE  
[72] WALDENLIND, LENNART, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-06-12  
[86] 1998-12-14 (PCT/SE98/02299)  
[87] 1999-07-01 (WO99/32103)  
[30] SE (9704770-8) 1997-12-19

[21] **2,314,453**  
[13] A1

[51] **Int.Cl. 6A61K 35/78**  
[25] EN  
[54] **PROCESSES OF MAKING NORTH AMERICAN GINSENG FRACTIONS, PRODUCTS CONTAINING THEM, AND USE AS IMMUNOMODULATORS**  
[54] **PROCEDE CHIMIQUE DE PREPARATION DE FRACTIONS DU GINSENG NORD AMERICAIN, PREPARATIONS PHARMACEUTIQUES LES CONTENANT, ET LEUR UTILISATION COMME IMMUNOMODULATEURS**

[72] HUANG, BUHAN, CA  
[72] LING, LEI, CA  
[72] PANG, PETER K.T., CA  
[72] SHAN, JACQUELINE J., CA  
[71] CV TECHNOLOGIES INC., CA  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/25724)  
[87] 1999-06-24 (WO99/30725)  
[30] US (60/069,534) 1997-12-12

[21] **2,314,454**  
[13] A1

[51] **Int.Cl. 7B60C 23/04**  
[25] EN  
[54] **AIR PRESSURE INDICATOR FOR A VEHICLE TYRE**  
[54] **INDICATEUR DE PRESSION D'AIR POUR PNEU DE VEHICULE**

[72] TSAGAS, FOTIOS, GR  
[72] TSAGAS, NICOLAOS, GR  
[71] TSAGAS, NICOLAOS, GR  
[85] 2000-06-12  
[86] 1999-10-12 (PCT/GR99/00037)  
[87] 2000-04-20 (WO00/21764)  
[30] GR (980.100.380) 1998-10-15

[21] **2,314,484**  
[13] A1

[51] **Int.Cl. 6C11D 17/00 6C11D 3/36**  
[25] EN  
[54] **DETERGENT TABLET**  
[54] **COMPRIME DETERGENT**  
[72] CRUICKSHANK, GRAEME DUNCAN, GB

[72] ROWLAND, BARRY, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-12  
[86] 1998-12-17 (PCT/IB98/02050)  
[87] 1999-06-24 (WO99/31215)  
[30] GB (9726604.3) 1997-12-17



## PCT Applications Entering the National Phase

[21] **2,314,486**  
[13] A1

[51] **Int.Cl. 6A61L 2/00 6A61J 1/14**  
[25] EN  
[54] **CONTAINER FOR TIMED  
RELEASE OF SUBSTANCES**  
[54] **RESERVOIR SERVANT A  
EFFECTUER LA LIBERATION  
CONTROLEE DE SUBSTANCES**  
[72] BRUUN-JENSEN, JORGEN, DK  
[71] SYNOPTIK A/S, DK  
[85] 2000-06-12  
[86] 1998-12-14 (PCT/DK98/00551)  
[87] 1999-06-24 (WO99/30746)  
[30] DK (PA 1997 1446) 1997-12-12

[21] **2,314,487**  
[13] A1

[51] **Int.Cl. 6B32B 13/12 6E04C 1/00  
6B32B 19/02 6B32B 21/08 6B32B 27/32  
6B32B 27/40**  
[25] EN  
[54] **NOVEL SYNTHETIC FINISHING  
AND COATING SYSTEMS**  
[54] **NOUVEAUX SYSTEMES  
SYNTHETIQUES DE FINITION ET DE  
REVETEMENT**  
[72] BROWN, DAVID W., US  
[72] PHILLIPS, JERRY S., US  
[72] SIGLER, DONALD H., JR., US  
[72] BEAN, WAYNE, US  
[71] INNOVATIVE COATINGS  
CORPORATION, US  
[85] 2000-06-12  
[86] 1998-12-02 (PCT/US98/25527)  
[87] 1999-06-10 (WO99/28125)  
[30] US (60/067,437) 1997-12-03

[21] **2,314,489**  
[13] A1

[51] **Int.Cl. 6G02C 7/02 6G02C 7/04  
6G02C 7/06**  
[25] EN  
[54] **PROGRAMMABLE CORRECTIVE  
LENS**  
[54] **LENTILLE CORRECTRICE  
PROGRAMMABLE**  
[72] ZHANG, XIAOXIAO, US  
[71] NOVARTIS AG, CH  
[85] 2000-06-12  
[86] 1998-12-24 (PCT/EP98/08464)  
[87] 1999-07-08 (WO99/34244)  
[30] US (08/999,371) 1997-12-29  
[30] US (09/200,689) 1998-11-27

[21] **2,314,490**  
[13] A1

[51] **Int.Cl. 6C07D 471/08 6C07D 471/20  
6A61K 31/435**  
[25] EN  
[54] **NOVEL BISPIDINE  
ANTIARRHYTHMIC COMPOUNDS**  
[54] **NOUVEAUX COMPOSES DE  
BISPIDINE ANTIARYTHMIQUES**  
[72] HOFFMANN, KURT-JURGEN, SE  
[72] STRANDLUND, GERT, SE  
[72] ALSTERMARK, CHRISTER, SE  
[72] LINDSTEDT, EVA-LOTTE, SE  
[72] HALVARSSON, TORBJORN, SE  
[72] FRANTSI, MARIANNE, SE  
[72] BJORSNE, MAGNUS, SE  
[72] POLLA, MAGNUS, SE  
[72] BJORE, ANNIKA, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-06-12  
[86] 1998-12-10 (PCT/SE98/02276)  
[87] 1999-06-24 (WO99/31100)  
[30] SE (9704709-6) 1997-12-17

[21] **2,314,491**  
[13] A1

[51] **Int.Cl. 6C25B 1/26 6C01B 7/07**  
[25] EN  
[54] **METHOD FOR  
ELECTROCHEMICALLY  
PROCESSING HCL GAS INTO HIGHLY  
PURE CHLORINE**  
[54] **PROCEDE PERMETTANT DE  
TRAITER ELECTROCHIMIQUEMENT  
DU GAZ CHLORHYDRIQUE POUR  
OBTENIR DU CHLORE DE GRANDE  
PURETE**  
[72] GESTERMANN, FRITZ, DE  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[85] 2000-06-12  
[86] 1998-12-08 (PCT/EP98/07974)  
[87] 1999-06-24 (WO99/31297)  
[30] DE (197 55 636.1) 1997-12-15

[21] **2,314,492**  
[13] A1

[51] **Int.Cl. 6A61B 5/0402**  
[25] EN  
[54] **LONG TERM MONITORING OF  
ACCELERATION SIGNALS FOR  
OPTIMIZATION OF PACING  
THERAPY**  
[54] **CONTROLE A LONG TERME DES  
SIGNAUX D'ACCELERATION POUR  
L'OPTIMISATION DES THERAPIES  
PAR STIMULATION CARDIAQUE**  
[72] KADHIRESAN, V.A., US  
[71] CARDIAC PACEMAKERS, INC., US  
[85] 2000-06-12  
[86] 1998-10-30 (PCT/US98/23149)  
[87] 1999-07-22 (WO99/35963)  
[30] US (09/009,424) 1998-01-20

[21] **2,314,493**  
[13] A1

[51] **Int.Cl. 6H04L 27/22**  
[25] EN  
[54] **APPARATUS FOR GENERATING  
ABSOLUTE PHASE OF SIGNAL  
RECEIVED BY RECEIVER**  
[54] **APPAREIL PERMETTANT DE  
GENERER LA PHASE ABSOLUE D'UN  
SIGNAL RECU PAR UN RECEPTEUR**  
[72] SHIRAIISHI, KENICHI, JP  
[72] HORII, AKIHIRO, JP  
[71] KABUSHIKI KAISHA KENWOOD, JP  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/JP98/05614)  
[87] 1999-06-24 (WO99/31850)  
[30] JP (9-364605) 1997-12-17

[21] **2,314,497**  
[13] A1

[51] **Int.Cl. 7A61F 2/32**  
[25] EN  
[54] **HIP JOINT SOCKET**  
[54] **CAVITE COTYLOIDE**  
[72] PFAFF, HANS-GEORG, DE  
[72] KALBERER, HARTMUT, DE  
[72] VON CHAMIER, WILFRIED, DE  
[71] CERAMTEC AG INNOVATIVE  
CERAMIC ENGINEERING, DE  
[85] 2000-06-12  
[86] 1998-12-12 (PCT/EP98/08110)  
[87] 1999-06-24 (WO99/30634)  
[30] DE (197 55 536.5) 1997-12-13

## Demandes PCT entrant en phase nationale

[21] **2,314,499**  
[13] A1

[51] **Int.Cl. 6E05C 19/10**  
[25] EN  
[54] **SLAM LATCH**  
[54] **BEC-DE-CANE**  
[72] SOKURENKO, WILLIAM E., US  
[71] SOUTHCO, INC., US  
[85] 2000-06-12  
[86] 1998-12-04 (PCT/US98/25704)  
[87] 1999-06-17 (WO99/29991)  
[30] US (08/988,789) 1997-12-11

[21] **2,314,500**  
[13] A1

[51] **Int.Cl. 7E05C 17/02**  
[25] EN  
[54] **ONE-PIECE CATCH**  
[54] **CROCHET MONOBLOC**  
[72] KUREK, EDWARD A., US  
[72] SCHLACK, RICHARD E., US  
[71] SOUTHCO, INC., US  
[85] 2000-06-12  
[86] 1998-11-11 (PCT/US98/24031)  
[87] 1999-06-17 (WO99/29994)  
[30] US (08/987,566) 1997-12-11

[21] **2,314,502**  
[13] A1

[51] **Int.Cl. 6C08F 10/02 6C08F 2/14 6C08F 4/642**  
[25] EN  
[54] **SLURRY POLYMERIZATION PROCESS WITH ALKYL-SUBSTITUTED BISCYCLOPENTADIENYL METALLOCENES**  
[54] **PROCEDE DE POLYMERISATION DE BOUES AVEC DES METALLOCENES DE BISCYCLOPENTADIENYLE A SUBSTITUTION ALKYLE**  
[72] MCCULLOUGH, LAUGHLIN G., US  
[72] CROWTHER, DONNA J., US  
[71] UNIVATION TECHNOLOGIES LLC, US  
[85] 2000-06-12  
[86] 1998-12-23 (PCT/US98/27361)  
[87] 1999-07-01 (WO99/32531)  
[30] US (60/068,640) 1997-12-23

[21] **2,314,507**  
[13] A1

[51] **Int.Cl. 6C07C 29/80 6C07C 29/10 6C07C 29/94**  
[25] EN  
[54] **METHOD FOR PRODUCING ALKYLENE GLYCOL WITH A LOW CARBONYL COMPOUND CONTENT**  
[54] **PROCEDE DE PREPARATION D'ALKYLENEGLYCOL A FAIBLE TENEUR EN COMPOSES CARBONYLE**  
[72] DOCKNER, TONI, DE  
[72] MOHR, JURGEN, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-06-12  
[86] 1998-12-23 (PCT/EP98/08462)  
[87] 1999-07-08 (WO99/33774)  
[30] DE (197 57 711.3) 1997-12-23

[21] **2,314,509**  
[13] A1

[51] **Int.Cl. 6G09B 25/02 6G09B 23/12**  
[25] EN  
[54] **AERATION-CAVITATION DEMONSTRATION CONSOLE**  
[54] **CONSOLE DE DEMONSTRATION D'AERATION-CAVITATION**  
[72] GARNER, FRANK, US  
[72] KLAMECKI, JOSEPH, US  
[71] AEROQUIP-VICKERS, INC., US  
[85] 2000-06-12  
[86] 1998-12-28 (PCT/US98/27687)  
[87] 1999-07-15 (WO99/35632)  
[30] US (09/004,695) 1998-01-08

[21] **2,314,510**  
[13] A1

[51] **Int.Cl. 6A61K 31/09 6A61K 31/075 6C07C 43/215 6A61K 31/66 6C07C 217/80**  
[25] EN  
[54] **SYNTHESIS OF PHENSTATIN AND PRODRUGS THEREOF**  
[54] **SYNTHESE DE PHENSTATINE ET PROMEDICAMENTS DE CELLE-CI**  
[72] PETTIT, GEORGE R., US  
[72] TOKI, BRIAN, US  
[71] ARIZONA BOARD OF REGENTS, US  
[85] 2000-06-12  
[86] 1999-01-09 (PCT/US99/00475)  
[87] 1999-07-15 (WO99/34788)  
[30] US (60/070,878) 1998-01-09

[21] **2,314,511**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **AUTOMATED SURVEY KIOSK**  
[54] **POSTE AUTOMATISE DE SONDAGE**  
[72] NANOS, NIKITA J., CA  
[72] NANOS, JOHN J., CA  
[71] SES CANADA RESEARCH INC., CA  
[85] 2000-06-12  
[86] 1999-01-05 (PCT/CA99/00012)  
[87] 1999-07-15 (WO99/35600)  
[30] CA (2,223,597) 1998-01-06

[21] **2,314,514**  
[13] A1

[51] **Int.Cl. 6C07D 305/14 6C07D 277/12 6C07D 413/12 6C07D 417/12 6C07D 277/14 6C07D 263/16 6C07F 7/18 6C07D 263/26 6C07C 229/34 6C07C 35/37 6C07D 233/38 6C07C 327/60**  
[25] EN  
[54] **METHODS FOR THE ESTERIFICATION OF ALCOHOLS AND COMPOUNDS USEFUL THEREFOR AS POTENTIAL ANTICANCER AGENTS**  
[54] **PROCEDES D'ESTERIFICATION D'ALCOOLS ET DE COMPOSES S'UTILISANT COMME AGENTS ANTICANCEREUX POTENTIELS**  
[72] LIOTTA, DENNIS C., US  
[72] CAPTAIN, LAURA, US  
[72] VENKATESAN, HARIHARAN, US  
[72] SCHESTOPOL, MARCUS A., US  
[72] SNYDER, JAMES P., US  
[72] VORONKOV, MICHAEL V., US  
[71] EMORY UNIVERSITY, US  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/US98/26341)  
[87] 1999-06-24 (WO99/31079)  
[30] US (08/989,590) 1997-12-12

## PCT Applications Entering the National Phase

[21] **2,314,564**  
[13] A1

[51] **Int.Cl. 6C07F 9/6561**  
[25] EN  
[54] **PHOSPHONOCEPHEM DERIVATIVES, PROCESS FOR THE PREPARATION OF THE SAME, AND USE THEREOF**  
[54] **DERIVES DE PHOSPHONOCEPHEM, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION**  
[72] IIZAWA, YUJI, JP  
[72] HASHIGUCHI, SHOHEI, JP  
[72] ISHIKAWA, TOMOYASU, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-06-12  
[86] 1998-12-17 (PCT/JP98/05709)  
[87] 1999-07-01 (WO99/32497)  
[30] JP (9/351499) 1997-12-19

[21] **2,314,598**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 9/02 6C12N 5/10**  
[25] EN  
[54] **SYNTHETIC PROMOTERS**  
[54] **PROMOTEURS DE SYNTHESE**  
[72] LU, GUIHUA, US  
[72] BRUCE, WESLEY B., US  
[72] BOWEN, BENJAMIN A., US  
[72] SIMS, LYNNE E., US  
[72] TAGLIANI, LAURA A., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2000-08-15  
[86] 1999-02-23 (PCT/US99/03863)  
[87] 1999-09-02 (WO99/43838)  
[30] US (09/028,819) 1998-02-24

[21] **2,314,683**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6A61K 35/00 6C12N 15/63**  
[25] EN  
[54] **THERAPEUTIC USE OF LENTIVIRAL VECTORS**  
[54] **EMPLOI THERAPEUTIQUE DE VECTEURS LENTIVIRAUX**  
[72] SONG, JIN-PING, US  
[72] NALDINI, LUIGI, IT  
[71] SONG, JIN-PING, US  
[71] NALDINI, LUIGI, IT  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/US98/25720)  
[87] 1999-06-24 (WO99/30742)  
[30] US (60/069,579) 1997-12-12

[21] **2,314,686**  
[13] A1

[51] **Int.Cl. 6A61K 38/28 6A61K 38/00 6C07K 5/00 6C07K 7/00 6A61K 38/04 6A61K 38/12**  
[25] EN  
[54] **GAMMA-CONOPEPTIDES**  
[54] **GAMMA-CONOPEPTIDES**  
[72] KITS, KAREL S., NL  
[72] BURLINGAME, ALMA L., US  
[72] OLIVERA, BALDOMERO M., US  
[72] WALKER, CRAIG, US  
[72] COLLEDGE, CLARK, US  
[72] IMPERIAL, JULITA, US  
[72] WALKINS, MAREN, US  
[72] FAINZILBER, MICHAEL, IL  
[72] SHETTY, RESHMA, US  
[72] CRUZ, LOURDES J., US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[71] VRIJE UNIVERSITEIT, NL  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-06-13  
[86] 1998-12-16 (PCT/US98/26792)  
[87] 1999-06-24 (WO99/30732)  
[30] US (60/069,706) 1997-12-16

[21] **2,314,716**  
[13] A1

[51] **Int.Cl. 6A61K 31/715 6C08B 37/02 6C08B 31/18 6A61K 47/48**  
[25] EN  
[54] **MODIFIED POLYSACCHARIDES EXHIBITING ALTERED BIOLOGICAL RECOGNITION**  
[54] **POLYSACCHARIDES A RECONNAISSANCE BIOLOGIQUE MODIFIEE**  
[72] HEDLUND, BO E., US  
[72] WEBER, THOMAS P., US  
[72] HALLAWAY, PHILIP E., US  
[72] HANSON, GREGORY J., US  
[72] DRAGSTEN, PAUL R., US  
[71] BIOMEDICAL FRONTIERS, INC., US  
[85] 2000-06-08  
[86] 1998-12-09 (PCT/US98/26132)  
[87] 1999-06-17 (WO99/29328)  
[30] US (60/069,079) 1997-12-09  
[30] US (60/069,095) 1997-12-11

[21] **2,314,865**  
[13] A1

[51] **Int.Cl. 6A61K 38/46 6A23K 1/165**  
[25] EN  
[54] **METHOD FOR PREVENTING/ REMEDYING MASTITIS**  
[54] **PROCEDE DE PREVENTION OU DE TRAITEMENT DE LA MAMMITE**  
[72] HOKASE, MASANOBU, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2000-06-16  
[86] 1998-12-18 (PCT/JP98/05749)  
[87] 1999-07-01 (WO99/32144)  
[30] JP (9/351220) 1997-12-19

[21] **2,314,866**  
[13] A1

[51] **Int.Cl. 6A61C 13/00 6A61C 8/00**  
[25] EN  
[54] **MANUFACTURING A DENTAL IMPLANT DRILL GUIDE AND A DENTAL IMPLANT SUPERSTRUCTURE**  
[54] **REALISATION D'UN GUIDE DE PERCAGE POUR IMPLANT DENTAIRE ET D'UNE SUPERSTRUCTURE D'IMPLANT DENTAIRE**  
[72] POIRIER, MICHEL, CA  
[71] TECHNIQUE D'USINAGE SINLAB INC., CA  
[85] 2000-06-16  
[86] 1997-12-18 (PCT/CA97/00984)  
[87] 1999-07-01 (WO99/32045)

[21] **2,314,868**  
[13] A1

[51] **Int.Cl. 6A01N 43/46**  
[25] EN  
[54] **TOPICAL CARBAMAZEPINE FORMULATIONS AND METHODS OF USE**  
[54] **FORMULATIONS TOPIQUES A BASE DE CARBAMAZEPINE ET LEURS METHODES D'UTILISATION**  
[72] COLES, MARC, IL  
[72] KEREN, GAD, IL  
[71] TARO PHARMACEUTICALS U.S.A., INC., US  
[85] 2000-06-16  
[86] 1998-12-18 (PCT/US98/26919)  
[87] 1999-07-01 (WO99/31987)  
[30] US (60/068,370) 1997-12-19

## Demandes PCT entrant en phase nationale

[21] **2,314,869**  
[13] A1

[51] **Int.Cl. 6C07D 211/58 6C07D 401/04 6C07D 401/10 6C07D 401/12 6C07D 249/18 6C07D 211/96**

[25] EN  
[54] **CATALYST AND METHOD FOR AMIDE FORMATION**

[54] **CATALYSEUR ET PROCEDE D'AMIDIFICATION**

[72] SCOTT, WILLIAM LEONARD, US

[71] ELI LILLY AND COMPANY, US

[85] 2000-06-20

[86] 1998-12-17 (PCT/US98/26998)

[87] 1999-07-01 (WO99/32444)

[30] US (60/068,400) 1997-12-22

[21] **2,314,870**  
[13] A1

[51] **Int.Cl. 6G01N 33/543 6G01N 33/546 6G01N 33/552**

[25] EN  
[54] **ANALYTICAL METHOD USING PARTICLES AND TEST KIT FOR PERFORMING THE METHOD**

[54] **PROCEDE ANALYTIQUE METTANT EN OEUVRE DES PARTICULES ET TROUSSE D'ANALYSE POUR REALISER LE PROCEDE**

[72] MENDEL-HARTVIG, IB, SE

[72] VINTERBACK, LENA, SE

[72] JONSSON, ANN, SE

[72] GUSTAFSSON, JORGEN, SE

[71] PHARMACIA & UPJOHN

DIAGNOSTICS AB, SE

[85] 2000-06-20

[86] 1998-12-30 (PCT/SE98/02462)

[87] 1999-07-22 (WO99/36780)

[30] SE (9704935-7) 1997-12-30

[21] **2,314,872**  
[13] A1

[51] **Int.Cl. 6G01N 33/53**

[25] EN

[54] **METHOD USING A NEW CALIBRATOR AND A DEVICE AND TEST KIT INCLUDING THE CALIBRATOR**

[54] **PROCEDE METTANT EN OEUVRE UN NOUVEL ETALONNEUR ET UN DISPOSITIF ET TROUSSE D'ANALYSE INCLUANT LEDIT ETALONNEUR**

[72] MENDEL-HARTVIG, IB, SE

[72] GUSTAFSSON, JORGEN, SE

[71] PHARMACIA & UPJOHN

DIAGNOSTICS AB, SE

[85] 2000-06-20

[86] 1998-12-30 (PCT/SE98/02464)

[87] 1999-07-22 (WO99/36777)

[30] SE (9704933-2) 1997-12-30

[21] **2,314,873**  
[13] A1

[51] **Int.Cl. 7F04C 11/00 7F04C 15/00**

[25] EN

[54] **SUBMERSIBLE PUMP ASSEMBLY FOR USE IN A WELL**

[54] **SYSTEME DE POMPE SUBMERSIBLE S'UTILISANT DANS UN TROU DE SONDAGE**

[72] HARTE, HORST, DE

[72] HANTSCHK, GUNTHER, DE

[71] NETZSCH-MOHNOPUMPEN GMBH, DE

[85] 2000-06-20

[86] 1999-10-22 (PCT/EP99/08020)

[87] 2000-05-04 (WO00/25025)

[30] DE (198 48 796.7) 1998-10-22

[21] **2,314,874**  
[13] A1

[51] **Int.Cl. 6B08B 7/00 6B29C 33/72**

[25] EN

[54] **ROBOTIC LASER TIRE MOLD CLEANING SYSTEM AND METHOD OF USE**

[54] **SYSTEME ROBOTIQUE DE NETTOYAGE LASER POUR MOULE DE PNEUS ET SON MODE D'UTILISATION**

[72] SOSKA, GEARY VICTOR, US

[71] THE GOODYEAR TIRE & RUBBER COMPANY, US

[85] 2000-06-20

[86] 1998-02-20 (PCT/US98/03401)

[87] 1999-08-26 (WO99/42228)

[21] **2,314,876**  
[13] A1

[51] **Int.Cl. 6B65B 61/20 6B65B 39/00**

[25] EN

[54] **METHOD AND APPARATUS FOR POSITIONING AN ARTICLE IN A POUCH**

[54] **PROCEDE ET DISPOSITIF PERMETTANT DE POSITIONNER D'UN ARTICLE A L'INTERIEUR D'UNE POCHE**

[72] BOESKEN, JAMES THOMAS, US

[72] MORRIS, SAMUEL JAMES III, US

[72] LOTT, THOMAS JOSEPH, US

[72] WHALEN, DAVID WAYNE, US

[72] STREUTKER, ALEN DAVID, US

[72] HEATON, RALPH LESLIE JR., US

[71] THE PROCTER & GAMBLE

COMPANY, US

[85] 2000-06-19

[86] 1998-12-17 (PCT/IB98/02045)

[87] 1999-07-01 (WO99/32360)

[30] US (08/994,736) 1997-12-19

[21] **2,314,877**  
[13] A1

[51] **Int.Cl. 6H04L 27/22**

[25] EN

[54] **CARRIER REPRODUCTION CIRCUIT**

[54] **CIRCUIT DE REPRODUCTION DE PORTEUSES**

[72] SHINJO, SOICHI, JP

[72] MATSUO, SHOJI, JP

[72] SHIRAIISHI, KENICHI, JP

[72] HORII, AKIHIRO, JP

[72] KATOH, HISAKAZU, JP

[72] HASHIMOTO, AKINORI, JP

[72] SAITO, TOMOHIRO, JP

[72] MINEMATSU, FUMIAKI, JP

[71] KABUSHIKI KAISHA KENWOOD, JP

[85] 2000-06-19

[86] 1998-12-25 (PCT/JP98/05949)

[87] 1999-07-08 (WO99/34569)

[30] JP (9-366906) 1997-12-26

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,314,891</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04</b> [25] EN [54] <b>ASYNCHRONOUS TRANSFER MODE PLATFORM FOR MOBILE COMMUNICATIONS</b> [54] <b>PLATE-FORME EN MODE DE TRANSFERT ASYNCHRONE POUR COMMUNICATION MOBILE</b> [72] PETERSEN, LARS-GORAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-06-19 [86] 1998-12-15 (PCT/SE98/02321) [87] 1999-07-01 (WO99/33319) [30] US (60/068,097) 1997-12-19 [30] US (09/039,453) 1998-03-16</p>	<p style="text-align: right;">[21] <b>2,314,894</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01J 5/08</b> [25] EN [54] <b>A TEATCUP LINER DEVICE</b> [54] <b>DISPOSITIF DE MANCHON TRAYEUR</b> [72] SCHULTE, KLAUS, SE [72] ALVEBY, NILS, SE [72] SCHLAISS, GUNTER, SE [71] ALFA LAVAL AGRI AB, SE [85] 2000-06-19 [86] 1998-12-18 (PCT/SE98/02392) [87] 1999-07-15 (WO99/34664) [30] SE (9704791-4) 1997-12-19</p>	<p style="text-align: right;">[21] <b>2,314,897</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C03C 15/00 6B32B 17/00 6C03C 17/00 6C03C 19/00 6C03C 17/06 6C03C 17/22 6C03C 17/23 6C03C 17/27 6C03C 17/36 6C03C 17/38 6C03C 17/42</b> [25] EN [54] <b>PATTERNED COATED ARTICLES AND METHODS FOR PRODUCING THE SAME</b> [54] <b>ARTICLES REVETUS A DESSIN ET PROCEDES DE FABRICATION ASSOCIES</b> [72] MARIETTI, GARY J., US [72] FINLEY, JAMES J., US [72] ARBAB, MEHRAN, US [71] PPG INDUSTRIES OHIO, INC., US [85] 2000-06-19 [86] 1998-12-22 (PCT/US98/27385) [87] 1999-07-08 (WO99/33760) [30] US (60/068,828) 1997-12-24 [30] US (09/199,976) 1998-11-25</p>
<p style="text-align: right;">[21] <b>2,314,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09F 3/00</b> [25] EN [54] <b>APPARATUS TO DISTINGUISH CONTAINERS</b> [54] <b>APPAREIL POUR DISTINGUER DES RECIPIENTS</b> [72] WEIGL, JAMES, US [72] CLAWSON, BURRELL E., US [71] PHARCON CORPORATION, US [85] 2000-06-19 [86] 1998-12-21 (PCT/US98/27198) [87] 1999-07-01 (WO99/33044) [30] US (08/995,571) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,314,895</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C03B 19/06</b> [25] EN [54] <b>METHOD OF PRODUCING A DECORATIVE CONSTRUCTION MATERIAL</b> [54] <b>PROCEDE DE PRODUCTION D'UN MATERIAU DE CONSTRUCTION DECORATIF</b> [72] TIKHONOVA, NAILIA A., RU [71] FUTURISTIC TILE L.L.C., US [85] 2000-06-19 [86] 1998-12-10 (PCT/US98/26243) [87] 1999-07-01 (WO99/32411) [30] US (08/995,644) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,314,898</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 4/658 6C08F 10/00</b> [25] EN [54] <b>SOLID CATALYST FOR OLEFIN POLYMERIZATION AND PROCESS FOR PRODUCING OLEFIN POLYMER WITH THE SAME</b> [54] <b>CATALYSEUR SOLIDE DE POLYMERISATION D'OLEFINES ET PROCEDE DE PRODUCTION D'UN POLYMERE OLEFINIQUE AU MOYEN DE CELUI-CI</b> [72] IJIMA, MINORU, JP [72] TAKEMORI, TOSHIFUMI, JP [72] YAMAMOTO, SHIGEHARU, JP [72] HANE, YUKIKO, JP [72] KAMIYAMA, SAKAE, JP [71] MARUZEN PETROCHEMICAL CO., LTD., JP [85] 2000-06-19 [86] 1999-04-12 (PCT/JP99/01927) [87] 2000-04-27 (WO00/23482) [30] JP (10/296535) 1998-10-19</p>
<p style="text-align: right;">[21] <b>2,314,893</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/485</b> [25] EN [54] <b>OPIOID AGONIST/ANTAGONIST COMBINATIONS</b> [54] <b>COMBINAISON D'AGONISTES ET D'ANTAGONISTES D'OPIOIDES</b> [72] COLUCCI, ROBERT D., US [72] KAIKO, ROBERT F., US [71] EURO-CELTIQUE, S.A., LU [85] 2000-06-19 [86] 1998-12-22 (PCT/US98/27257) [87] 1999-07-01 (WO99/32119) [30] US (60/068,480) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,314,896</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/485</b> [25] EN [54] <b>A METHOD OF PREVENTING ABUSE OF OPIOID DOSAGE FORMS</b> [54] <b>PROCEDE PREVENANT L'ABUS DES DOSES ORALES D'OPIOIDES</b> [72] PALERMO, PHILIP, US [71] EURO-CELTIQUE, S.A., LU [85] 2000-06-19 [86] 1998-12-22 (PCT/US98/27258) [87] 1999-07-01 (WO99/32120) [30] US (60/068,479) 1997-12-22</p>	

## Demandes PCT entrant en phase nationale

[21] **2,314,899**  
[13] A1

[51] **Int.Cl. 6A61K 38/08 6A61K 7/00 6A61K 38/05 6A61K 9/127 6A61K 38/17 6A61K 38/48 6A61K 38/55**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR REGULATING PHAGOCYTOSIS AND ICAM-1 EXPRESSION**  
[54] **COMPOSITIONS ET PROCEDES DE REGULATION DE LA PHAGOCYTOSE ET DE L'EXPRESSION DE L'ICAM-1**  
[72] SEIBERG, MIRI, US  
[72] SHAPIRO, STANLEY S., US  
[72] EISINGER, MAGDALENA G., US  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[85] 2000-06-15  
[86] 1998-12-10 (PCT/US98/26255)  
[87] 1999-06-24 (WO99/30729)  
[30] US (60/069,797) 1997-12-16

[21] **2,314,900**  
[13] A1

[51] **Int.Cl. 6A61M 37/00**  
[25] EN  
[54] **FIBRIN MIXTURE AND DISPENSER ASSEMBLY**  
[54] **ENSEMBLE MELANGE DE FIBRINE ET DISTRIBUTEUR**  
[72] ROBY, MARK S., US  
[72] YAGAMI, RICHARD, US  
[72] ARANYI, ERNIE, US  
[72] TOVEY, H. JONATHAN, US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[85] 2000-06-19  
[86] 1998-12-16 (PCT/US98/26688)  
[87] 1999-07-01 (WO99/32155)  
[30] US (60/068,273) 1997-12-19

[21] **2,314,901**  
[13] A1

[51] **Int.Cl. 7E05F 15/00 7E05F 15/16**  
[25] EN  
[54] **SYSTEM AND RELATED METHODS FOR DETECTING A FORCE PROFILE DEVIATION OF A GARAGE DOOR**  
[54] **SYSTEME ET PROCEDES ASSOCIES SERVANT A DETECTER UN ECART DE PROFIL DE FORCE DE LA PORTE D'UN GARAGE**  
[72] MULLET, WILLIS J., US  
[72] RODRIGUEZ, YAN, US  
[71] WAYNE-DALTON CORP., US  
[85] 2000-06-15  
[86] 1999-10-04 (PCT/US99/22879)  
[87] 2000-04-27 (WO00/23681)  
[30] US (09/175,650) 1998-10-20

[21] **2,314,903**  
[13] A1

[51] **Int.Cl. 6B29C 47/00 6B29C 47/60 6B29C 47/62 6B29C 47/66**  
[25] EN  
[54] **SCREW EXTRUDER WITH VARIOUS DISPERSIVE MIXING ELEMENTS**  
[54] **EXTRUDEUSE A VIS COMPORTANT DIVERS ELEMENTS MELANGEURS DISPERSIFS**  
[72] RAUWENDAAL, CHRIS J., US  
[71] RAUWENDAAL EXTRUSION ENGINEERING, INC., US  
[85] 2000-06-19  
[86] 1998-09-18 (PCT/US98/19502)  
[87] 1999-05-20 (WO99/24236)  
[30] US (08/966,272) 1997-11-07

[21] **2,315,111**  
[13] A1

[51] **Int.Cl. 6H01Q 11/08**  
[25] EN  
[54] **DUAL FREQUENCY QUADRIFILAR HELIX ANTENNA**  
[54] **ANTENNE HELICOIDALE QUADRIFILAIRE A BIFREQUENCE**  
[72] OHGREN, MIKAEL, SE  
[72] JOHANSSON, STEFAN, SE  
[71] SAAB ERICSSON SPACE AB, SE  
[85] 2000-06-16  
[86] 1998-11-25 (PCT/SE98/02135)  
[87] 1999-07-01 (WO99/33146)  
[30] SE (9704817-7) 1997-12-19

[21] **2,315,112**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04 6H04Q 7/00 6H04L 12/56**  
[25] EN  
[54] **COORDINATED CELL DISCHARGE FROM ATM QUEUE**  
[54] **DECHARGE COORDONNEE DE CELLULES DE LA FILE D'ATTENTE MTA**  
[72] LUNDBACK, ARNE, SE  
[72] AGNEVIK, MIKAEL, SE  
[72] OSTMAN, MATTIAS, SE  
[72] PETERSEN, LARS-GORAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-16  
[86] 1998-12-08 (PCT/SE98/02262)  
[87] 1999-07-01 (WO99/33317)  
[30] US (60/071,063) 1997-12-19  
[30] US (09/188,344) 1998-11-09

[21] **2,315,113**  
[13] A1

[51] **Int.Cl. 6C07D 213/75 6C07D 401/12 6C07D 237/22 6A61K 31/44 6A61K 31/50**  
[25] EN  
[54] **PYRIDONES AS SRC FAMILY SH2 DOMAIN INHIBITORS**  
[54] **PYRIDONES UTILISEES COMME INHIBITEURS DU DOMAINE SH2 DE LA FAMILLE SRC**  
[72] PATEL, USHA R., US  
[72] MOSS, NEIL, US  
[72] LLINAS-BRUNET, MONTSE, CA  
[72] BETAGERI, RAJASHEKHAR, US  
[72] FERLAND, JEAN-MARIE, CA  
[72] CARDOZO, MARIO G., US  
[72] BEAULIEU, PIERRE LOUIS, CA  
[72] PROUDFOOT, JOHN ROBERT, US  
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS INC., US  
[85] 2000-06-16  
[86] 1998-12-09 (PCT/US98/26123)  
[87] 1999-06-24 (WO99/31066)  
[30] US (60/069,971) 1997-12-18

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,315,114</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01K 15/00</b> [25] EN [54] <b>ELECTRICAL APPARATUS FOR DISCOURAGING ANIMALS FROM LICKING</b> [54] <b>DISPOSITIF ELECTRIQUE POUR DECOURAGER LES ANIMAUX DE SE LICKER</b> [72] STAMPE, DAVID, US [71] ANDERSON, MARK L., US [85] 2000-06-19 [86] 1998-12-18 (PCT/US98/27114) [87] 1999-07-01 (WO99/31972) [30] US (08/994,082) 1997-12-19 [30] US (60/090,651) 1998-06-25</p>	<p style="text-align: right;">[21] <b>2,315,117</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/12 6C07D 455/02 6C07D 487/04 6C07D 403/12 6C07D 417/12 6A61K 31/40 6A61K 31/425 6A61K 31/44 6A61K 31/47 6A61K 31/50 6A61K 31/505</b> [25] EN [54] <b>HETEROCYCLIC ETHER AND THIOETHER COMPOUNDS USEFUL IN CONTROLLING CHEMICAL SYNAPTIC TRANSMISSION</b> [54] <b>COMPOSES ETHER ET THIOETHER HETEROCYCLIQUES UTILISES DANS LA REGULATION DE LA TRANSMISSION SYNAPTIQUE CHIMIQUE</b> [72] WASIAK, JAMES T., US [72] GARVEY, DAVID S., US [72] KINCAID, JOHN F., US [72] HOLLADAY, MARK W., US [72] ELLIOTT, RICHARD L., US [72] LEBOLD, SUZANNE A., US [72] RYTHOR, KEITH, US [72] ABREO, MELWYN A., US [72] HE, YUN, US [72] LI, YIHONG, US [72] SCHKERYANTZ, JEFFREY M., US [72] LYNCH, JOHN K., US [72] DART, MICHAEL J., US [72] EHRlich, PAUL P., US [72] GUNN, DAVID E., US [72] LIN, NAN-HORNG, US [72] BAI, HAO, US [71] ABBOTT LABORATORIES, US [85] 2000-06-16 [86] 1998-12-18 (PCT/US98/27144) [87] 1999-07-01 (WO99/32480) [30] US (08/994,812) 1997-12-19</p>	<p style="text-align: right;">[21] <b>2,315,119</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04 6H04L 12/56</b> [25] EN [54] <b>CENTRALIZED QUEUING FOR ATM NODE</b> [54] <b>MISE EN FILE D'ATTENTE CENTRALISEE DESTINEE A UN NOEUD MTA</b> [72] PETERSEN, LARS-GORAN, SE [72] OSTMAN, MATTIAS, SE [72] LUNDBACK, ARNE, SE [72] AGNEVIK, MIKAEL, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-06-16 [86] 1998-12-08 (PCT/SE98/02244) [87] 1999-07-01 (WO99/33312) [30] US (60/071,063) 1997-12-19 [30] US (09/188,097) 1998-11-09</p>
<p style="text-align: right;">[21] <b>2,315,115</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/14</b> [25] EN [54] <b>COMPOSITIONS OF MICROSPHERES FOR WOUND HEALING</b> [54] <b>COMPOSITIONS A BASE DE MICROSPHERES DESTINEES AU TRAITEMENT DES BLESSURES</b> [72] RITTER, VLADIMIR, IL [72] RITTER, MARINA, IL [71] POLYHEAL LTD., IL [85] 2000-06-19 [86] 1998-10-23 (PCT/IB98/01838) [87] 2000-05-04 (WO00/24378)</p>	<p style="text-align: right;">[21] <b>2,315,116</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04</b> [25] EN [54] <b>ATM TIME STAMPED QUEUING</b> [54] <b>SYSTEME A FILE D'ATTENTE AVEC MARQUAGE DE LA DATE ET DE L'HEURE MTA</b> [72] LUNDBACK, ARNE, SE [72] AGNEVIK, MIKAEL, SE [72] PETERSEN, LARS-GORAN, SE [72] OSTMAN, MATTIAS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-06-16 [86] 1998-12-08 (PCT/SE98/02250) [87] 1999-07-01 (WO99/33315) [30] US (60/071,063) 1997-12-19 [30] US (09/188,347) 1998-11-09</p>	<p style="text-align: right;">[21] <b>2,315,120</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04</b> [25] EN [54] <b>CELL HANDLING UNIT AND METHOD FOR ATM NODE</b> [54] <b>PROCEDE ET UNITE DE GESTION DE CELLULES POUR NOEUD MTA</b> [72] AGNEVIK, MIKAEL, SE [72] ANDERSSON, STAFFAN, SE [72] LUNDBACK, ARNE, SE [72] PETERSEN, LARS-GORAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-06-16 [86] 1998-12-08 (PCT/SE98/02245) [87] 1999-07-01 (WO99/33313) [30] US (60/071,063) 1997-12-19 [30] US (09/188,340) 1998-11-09</p>
<p style="text-align: right;">[21] <b>2,315,118</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09J 7/02 6C08K 13/02 6C08L 23/02 6C08J 5/18</b> [25] EN [54] <b>INSULATION PROTECTION TAPE</b> [54] <b>BANDE D'ISOLATION ET DE PROTECTION</b> [72] GARCIA-RAMIREZ, RAFAEL, US [72] MAHONEY, DAVID V., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-06-16 [86] 1998-05-01 (PCT/US98/08947) [87] 1999-07-15 (WO99/35202) [30] US (09/005057) 1998-09-01</p>	<p style="text-align: right;">[21] <b>2,315,121</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 7/06 6F02M 43/04 6F02M 69/04 6F02M 69/08</b> [25] EN [54] <b>FUEL INJECTION NOZZLE AND METHOD OF USE</b> [54] <b>INJECTEUR ET SON PROCEDE D'UTILISATION</b> [72] GANAN CALVO, ALFONSO, ES [71] UNIVERSIDAD DE SEVILLA, ES [85] 2000-06-15 [86] 1998-12-17 (PCT/IB98/02051) [87] 1999-06-24 (WO99/30831) [30] ES (P 9702654) 1997-12-17 [30] US (09/191,787) 1998-11-13</p>	

## Demandes PCT entrant en phase nationale

---

[21] **2,315,408**

[13] A1

[51] **Int.Cl. 6A61K 9/48**

[25] EN

[54] **A DOUBLE CAPSULE FOR THE ADMINISTRATION OF ACTIVE PRINCIPLES IN MULTIPLE THERAPIES**

[54] **DOUBLE CAPSULE POUR ADMINISTRER DES PRINCIPES ACTIFS SELON UNE POLYTHERAPIE**

[72] SANSO', GIOVANNI, IT

[71] AXCAN PHARMA INC., CA

[71] ISTITUTO PIRRI S.R.L., IT

[85] 2000-06-14

[86] 1998-12-14 (PCT/EP98/08167)

[87] 1999-06-24 (WO99/30693)

[30] IT (MI97A02788) 1997-12-17

---

[21] **2,315,546**

[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/00**

**6A01H 5/10 6C12N 5/10 6C12N 15/53 6C12N 15/82**

[25] EN

[54] **CONSTITUTIVE MAIZE PROMOTERS**

[54] **PROMOTEURS CONSTITUTIFS DU MAIS**

[72] RICE, DOUGLAS A., US

[71] PIONEER HI-BRED

INTERNATIONAL, INC., US

[85] 2000-08-25

[86] 1999-02-25 (PCT/US99/04203)

[87] 1999-09-02 (WO99/43797)

[30] US (60/076,075) 1998-02-26

---

[21] **2,315,549**

[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/00**

**6A01H 5/10 6C12N 5/10 6C07K 14/415 6C12N 15/82**

[25] EN

[54] **FAMILY OF MAIZE PR-1 GENES AND PROMOTERS**

[54] **FAMILLE DE GENES PR-1 ET DE PROMOTEURS**

[72] CRANE, VIRGINIA C., US

[71] PIONEER HI-BRED

INTERNATIONAL, INC., US

[85] 2000-08-25

[86] 1999-02-11 (PCT/US99/03011)

[87] 1999-09-02 (WO99/43819)

[30] US (60/076,100) 1998-02-26

[30] US (60/079,648) 1998-03-27



## **PCT Applications Entering the National Phase**

## Canadian Divisional and Previously Unavailable Laid-Open applications

### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

---

[21] **2,310,958**  
[13] A1

[51] **Int.Cl. 7H04M 1/60 7H04M 3/42**  
[25] EN  
[54] **A METHOD OF INFORMING A PERSON OF THE APPLICATION OF TELEPHONE NETWORK SOUND ENHANCEMENT**  
[54] **METHODE POUR INFORMER UN ABONNE DE LA MISE EN OEUVRE DE L'AMELIORATION DE LA QUALITE SONORE DU RESEAU TELEPHONIQUE**  
[72] SINGER, HOWARD M., US  
[72] SHELBY, KEVIN ALAN, US  
[72] BOWKER, DUANE OLIVER, US  
[72] DAUMER, WILLIAM RICHARD, US  
[71] AT&T CORP., US  
[22] 1998-03-19  
[43] 1998-11-14  
[62] 2,232,755  
[30] US (08/856,266) 1997-05-14

---

[21] **2,310,963**  
[13] A1

[51] **Int.Cl. 7H04M 3/30**  
[25] EN  
[54] **A METHOD FOR ENHANCING THE PERFORMANCE OF A NETWORK SIGNAL PROCESSING PLATFORM**  
[54] **METHODE POUR AMELIORER LES PERFORMANCES D'UNE PLATE-FORME DE TRAITEMENT DE SIGNAL DE RESEAU**  
[72] BOWKER, DUANE OLIVER, US  
[72] DAUMER, WILLIAM RICHARD, US  
[72] SINGER, HOWARD M., US  
[72] SHELBY, KEVIN ALAN, US  
[71] AT&T CORP., US  
[22] 1998-03-19  
[43] 1998-11-14  
[62] 2,232,755  
[30] US (08/856,266) 1997-05-14

---

[21] **2,312,292**  
[13] A1

[51] **Int.Cl. 7B25B 23/04**  
[25] EN  
[54] **SCREWDRIVER WITH DUAL CAM SLOT FOR COLLATED SCREWS**  
[54] **TOURNEVIS DOTE D'UNE FENTE POUR DEUX CAMES, POUR VIS RETENUES ENSEMBLE PAR UNE BANDE**  
[72] HABERMEHL, G. LYLE, US  
[71] HABERMEHL, G. LYLE, US  
[22] 1998-06-19  
[43] 1999-01-07  
[62] 2,293,615  
[30] US (08/882,323) 1997-06-25  
[30] WO (PCT/CA98/00601) 1998-06-19

---

[21] **2,313,432**  
[13] A1

[51] **Int.Cl. 7B26B 19/38**  
[25] EN  
[54] **BLADSET FOR HAIR CLIPPERS INCLUDING BLADE WITH HAIR EVACUATION CONFIGURATION**  
[54] **ENSEMBLE DE LAMES POUR TONDEUSE A CHEVEUX INCLUANT UNE LAME DONT LA CONFIGURATION PERMET D'EVACUER LES CHEVEUX**  
[72] WAHL, GREGORY S., US  
[72] ELSTON, ANDREW, US  
[71] WAHL CLIPPER CORPORATION, US  
[22] 1997-07-31  
[43] 1998-02-09  
[62] 2,212,132  
[30] US (08/694,991) 1996-08-09

---

[21] **2,313,433**  
[13] A1

[51] **Int.Cl. 7B26B 19/38**  
[25] EN  
[54] **BLADESET FOR HAIR CLIPPERS INCLUDING BLADE WITH HAIR EVACUATION CONFIGURATION**  
[54] **ENSEMBLE DE LAMES POUR TONDEUSE A CHEVEUX INCLUANT UNE LAME DONT LA CONFIGURATION PERMET D'EVACUER LES CHEVEUX**  
[72] WAHL, GREGORY S., US  
[72] ELSTON, ANDREW, US  
[71] WAHL CLIPPER CORPORATION, US  
[22] 1997-07-31  
[43] 1998-02-09  
[62] 2,212,132  
[30] US (08/694,991) 1996-08-09

---

---

[21] **2,313,871**  
[13] A1

[51] **Int.Cl. 7B01D 46/22**  
[25] EN  
[54] **SELF-CLEANING BELT FILTER AND METHOD**  
[54] **BANDE FILTRANTE AUTO-NETTOYANTE ET METHODE CORRESPONDANTE**  
[72] WILLIAMS, ROGER D., US  
[71] PNEUMAFIL CORPORATION, US  
[22] 1997-07-28  
[43] 1998-01-30  
[62] 2,211,840  
[30] US (08/690,599) 1996-07-30

Canadian Divisional and Previously Unavailable Laid-Open applications

[21] **2,313,990**  
 [13] A1  
 [51] **Int.Cl. 7G01N 30/02 7C07C 7/135**  
 [25] EN  
 [54] **METHOD FOR SPECTROSCOPIC ANALYSIS OF HYDROCARBONS, AND HYDROCARBON REFINING OPERATIONS USING SAME**  
 [54] **METHODE D'ANALYSE SPECTROSCOPIQUE DES HYDROCARBURES ET UTILISATION DE CETTE METHODE DANS LE RAFFINAGE DES HYDROCARBURES**  
 [72] OVERFIELD, ROBERT EDWARD, CA  
 [72] ROBBINS, WINSTON KARL, US  
 [72] HABERMAN, JOEL IRA, US  
 [71] IMPERIAL OIL LIMITED, CA  
 [22] 1990-05-07  
 [43] 1990-11-30  
 [62] 2,016,222  
 [30] US (358,779) 1989-05-30

[21] **2,314,115**  
 [13] A1  
 [51] **Int.Cl. 7C07D 237/04**  
 [25] EN  
 [54] **PROCESS FOR THE OPTICAL RESOLUTION OF THE RACEMIC 6-(-4-AMINO-PHENYL)-5-METHYL-PYRIDAZIN-3(2H)ONE**  
 [54] **PROCEDE POUR LA RESOLUTION OPTIQUE DE LA RACEMIQUE 6-(-4-AMINO-PHENYLE)-5-METHYLE-PYRIDAZINE-3(2H)ONE**  
 [72] HAARALA, JORMA, FI  
 [72] HAIKALA, HEIMO, FI  
 [72] WIKBERG, TOM, FI  
 [72] BACKSTROM, REIJO, FI  
 [72] HONKANEN, ERKKI, FI  
 [72] NORE, PENTTI, FI  
 [71] ORION-YHTYMA OY, FI  
 [22] 1992-01-03  
 [43] 1992-07-04  
 [62] 2,099,262  
 [30] GB (9100049.7) 1991-01-03  
 [30] GB (9118947.2) 1991-09-05

[21] **2,314,121**  
 [13] A1  
 [51] **Int.Cl. 7C07C 65/105 7C07D 261/06 7C07D 249/08 7C07D 231/12 7C07D 215/14 7C07D 231/16 7C07C 65/24 7C07D 333/24 7C07D 333/28 7C07D 277/30 7C07D 213/55 7C07C 255/57 7C07D 233/58 7C07C 205/60 7C07C 323/62 7C07C 69/94 7C07D 233/94**  
 [25] EN  
 [54] **SALICYLIC ACID DERIVATIVE AND ITS USE AS INTERMEDIATE FOR THE PREPARATION OF SALICYLALDEHYDE DERIVATIVE**  
 [54] **DERIVE DE L'ACIDE SALICYLIQUE ET SON UTILISATION EN TANT QU'INTERMEDIAIRE POUR LA PREPARATION DE DERIVE SALICYLALDEHYDE**  
 [72] VOGELBACHER, UWE JOSEF, DE  
 [72] Eicken, Karl, DE  
 [72] Wuerzer, Bruno, DE  
 [72] Westphalen, Karl-Otto, DE  
 [72] GOETZ, NORBERT, DE  
 [72] RHEINHEIMER, JOACHIM, DE  
 [72] PAUL, GERHARD, DE  
 [72] HARREUS, ALBRECHT, DE  
 [71] VOGELBACHER, UWE JOSEF, DE  
 [71] Eicken, Karl, DE  
 [71] Wuerzer, Bruno, DE  
 [71] Westphalen, Karl-Otto, DE  
 [71] GOETZ, NORBERT, DE  
 [71] RHEINHEIMER, JOACHIM, DE  
 [71] PAUL, GERHARD, DE  
 [71] HARREUS, ALBRECHT, DE  
 [22] 1990-06-13  
 [43] 1990-12-14  
 [62] 2,018,960  
 [30] DE (P 39 19 435.3) 1989-06-14

[21] **2,314,130**  
 [13] A1  
 [51] **Int.Cl. 7F25B 9/00 7C09K 5/04**  
 [25] EN  
 [54] **AMMONIA REFRIGERATING MACHINE, WORKING FLUID COMPOSITION FOR USE IN REFRIGERATING MACHINE, AND METHOD FOR LUBRICATING AMMONIA REFRIGERATING MACHINE**  
 [54] **MACHINE FRIGORIFIQUE A L'AMMONIAC, MELANGE DE FLUIDE DE TRAVAIL DESTINE A ETRE UTILISE DANS LA MACHINE, ET METHODE SERVANT A LUBRIFIER UNE TELLE MACHINE**  
 [72] KAWAMURA, KUNIAKI, JP  
 [72] KAIMAI, TAKASHI, JP  
 [72] KASAHARA, KEISUKE, JP  
 [72] YANO, HISASHI, JP  
 [71] MAYEKAWA MFG. CO., LTD., JP  
 [71] JAPAN ENERGY CORPORATION, JP  
 [22] 1992-11-27  
 [43] 1994-05-28  
 [62] 2,111,196

[21] **2,314,327**  
 [13] A1  
 [51] **Int.Cl. 7F25C 5/16**  
 [25] EN  
 [54] **ICE DISPENSER AND COMBINATION ICE AND BEVERAGE DISPENSER**  
 [54] **DISTRIBUTEUR DE GLACE ET DISTRIBUTEUR COMBINE DE GLACE ET DE BOISSONS**  
 [72] LAUGHLIN, RICHARD LOGUE, US  
 [72] SCHROEDER, ALFRED A., US  
 [72] CREDLE, BENNETT GIBBON, US  
 [71] LANCER CORPORATION, US  
 [22] 1996-02-14  
 [43] 1996-08-29  
 [62] 2,213,225  
 [30] US (08/388,739) 1995-02-15

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,314,419**

[13] A1

[51] **Int.Cl. 7H04B 7/02 7H04Q 7/38**  
[25] EN  
[54] **METHOD OF HANDOVER AND  
ROUTE DIVERSITY IN MOBILE RADIO  
COMMUNICATION**  
[54] **METHODE DE TRANSFERT ET DE  
DIVERSIFICATION  
D'ACHEMINEMENT POUR LES  
COMMUNICATIONS RADIO MOBILES**  
[72] SAKAMOTO, MASAYUKI, JP  
[72] HATA, MASAHARU, JP  
[71] NTT MOBILE COMMUNICATIONS  
NETWORK INC., JP  
[71] NIPPON TELEGRAPH AND  
TELEPHONE CORPORATION, JP  
[22] 1991-09-30  
[43] 1992-04-03  
[62] 2,052,466  
[30] JP (P2-263136) 1990-10-02  
[30] JP (P2-263137) 1990-10-02  
[30] JP (P2-263138) 1990-10-02  
[30] JP (P2-265145) 1990-10-04

[21] **2,314,586**

[13] A1

[51] **Int.Cl. 7C10G 9/28**  
[25] EN  
[54] **THERMAL APPARATUS AND  
PROCESS FOR REMOVING  
CONTAMINANTS FROM OIL**  
[54] **PROCEDE THERMIQUE  
D'ELIMINATION DES  
CONTAMINANTS CONTENUS DANS  
DES PRODUITS PETROLIERS**  
[72] WHEELER, CHARLIE, CA  
[72] TACIUK, WILLIAM, CA  
[72] ODUT, STEVE, CA  
[72] TACIUK, GORDON, CA  
[71] WHEELER, CHARLIE, CA  
[71] TACIUK, WILLIAM, CA  
[71] ODUT, STEVE, CA  
[71] TACIUK, GORDON, CA  
[22] 1996-09-27  
[43] 1998-03-28  
[62] 2,186,658

[21] **2,314,717**

[13] A1

[51] **Int.Cl. 7B60T 15/18**  
[25] EN  
[54] **COMBINATION MOTOR/  
PNEUMATIC DRIVEN TRAIN BRAKE  
PIPE PRESSURE EXHAUST VALVE**  
[54] **ROBINET D'ECHAPPEMENT DE  
CONDUITE A DISPOSITIF DE  
COMMANDE A MOTEUR ET A  
DISPOSITIF DE COMMANDE  
PNEUMATIQUE**  
[72] HART, JAMES E., US  
[72] BEZOS, ANGEL P., US  
[71] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1997-08-13  
[43] 1998-09-30  
[62] 2,213,013  
[30] US (831,485) 1997-03-31

[21] **2,314,718**

[13] A1

[51] **Int.Cl. 7B27C 1/14 7B27L 11/00  
7B27G 13/08**  
[25] EN  
[54] **CANTER CHIPPER HEAD AND  
CANTER UNIT**  
[54] **TETE DE PROFILEUSE-  
DECHIQUETEUSE ET ELEMENT DE  
PROFILEUSE**  
[72] TRUDEL, LAURENT JOSEPH YVON,  
CA  
[72] BOUCHARD, JEAN GUY, CA  
[72] CONSTANTINEAU, SERG, CA  
[72] PELLETIER, GILLES, CA  
[71] TEMBEC INDUSTRIES INC., CA  
[22] 1996-05-30  
[43] 1997-12-01  
[62] 2,177,745

## **Canadian Divisional and Previously Unavailable Laid-Open applications**

# Index of Canadian Patents Issued

September 26, 2000

# Index des brevets canadiens délivrés

26 septembre 2000

AC & R COMPONENTS, INC.	2,196,753	CORPORATION	Claymax Corporation	2,113,591
Adachi, Takashi	2,044,550	OPERATING MICHIGAN	Cole, Stewart	1,341,100
ADVANCED		STATE	Colleu, Rachel André Alain	2,015,872
CARDIOVASCULAR		BOARD OF TRUSTEES, A	Consortium fur elektrochemische	
SYSTEMS, INC.	2,070,914	CONSTITUTIONAL	Industrie GmbH	2,148,765
Advanced Polymer Systems, Inc.	2,012,766	CORPORATION	Cook, Timothy C.	2,158,756
AICHI KOATSU CO., LTD.	2,177,090	OPERATING MICHIGAN	Costello, Christine A.	2,178,364
Allen, Loyd V., Jr.	2,181,990	STATE	COTE, JEAN-FRANCOIS	2,249,088
Allen, Patrick Jay	2,178,723		CRYOVAC, INC.	2,007,467
Allen, Steven R.	2,008,421	Boart Longyear Inc.	Csulits, Frank M.	2,184,807
AMERICAN MEDICAL		Boewing, Walter G.	Cubo, Masahiko	2,148,434
SYSTEMS INC.	2,158,756	Boman, Hans G.	CULLER, Gregory D.	2,214,496
Andersen, Kenneth D.	2,146,181	Borghorst, Sharla	Cummins-Allison Corp.	2,184,807
Ando, Hideya	2,022,654	BOSTON SCIENTIFIC	DANIELIAN, ARMEN	2,285,356
ANDREYCHUK, Mark T.	2,235,555	CORPORATION	Daugherty, David W., Jr.	2,042,118
ARAMBURU, Luis Angel Ruano	2,210,628	Bottman, Jeffrey S.	Davies, John Desmond	2,181,990
ARIYAVISITAKUL, Sirikiat	2,219,393	Bowen, Michael William	Davis, Larry	2,024,572
Asai, Tamio	2,037,920	Boyd Motors Limited	De Beers, James E.	2,181,408
Asmussen, Jes	2,182,245	Boyd, Phillip George	De Lucchi, Michele	2,148,434
Asmussen, Jes	2,182,247	Boyer, Brian E.	Dechanteloup, Jean-Michel	2,097,979
AT&T CORP.	2,219,393	BRAVERMAN, Josef J.	Dedier, Stephen T.	2,117,238
ATLAS COPCO CANADA INC.	2,165,936	Brembilla, Sandro	Delibes, Didier René Bernard	2,015,872
Azam, Nusayr	2,176,826	BRICKWOOD, MICHAEL	DELTA INTERNATIONAL	
B & H MANUFACTURING		JOHN	MACHINERY CORP.	2,270,790
COMPANY	2,034,012	Brillant, Daniel	Den Hartog, Huibert Willem	2,181,409
Bainbridge, David William	1,341,103	BRITISH TELECOM-	DENSO CORPORATION	2,202,022
BAKER HUGHES INC.	2,044,099	MUNICATIONS PUBLIC	Dentler, Christopher G.	2,194,050
BAKER HUGHES		LIMITED COMPANY	DiMaio, Anthony	2,045,463
INCORPORATED	2,021,656	BRITISH TELECOM-	D'Iribarne, Benoit	2,005,444
BAN, Takashi	2,202,022	MUNICATIONS PUBLIC	Doi, Masayuki	2,191,011
BASF		LIMITED COMPANY	Doi, Masayuki	2,192,516
AKTIENGESELLSCHAFT	2,037,292	BRITISH TELECOM-	Dominion Plastics Inc.	2,064,951
Bauch, Aron M.	2,184,807	MUNICATIONS PUBLIC	DOUD, Galen C.	2,198,091
Baumann, Erich	2,148,434	LIMITED COMPANY	DOWDEN, Antoinette	2,205,421
Beauchemin, Claude	2,180,233	BRITISH TELECOM-	DU PONT (E. I.) DE NEMOURS	
Beck, Juergen	2,037,292	MUNICATIONS PUBLIC	AND COMPANY	2,008,421
BECTON, DICKINSON AND		LIMITED COMPANY	DU PONT (E. I.) DE NEMOURS	
COMPANY	2,154,112	BRITISH TELECOM-	AND COMPANY	2,160,984
BECTON, DICKINSON AND		MUNICATIONS PUBLIC	Duffy, Richard J.	2,045,463
COMPANY	2,154,137	LIMITED COMPANY	EATON CORPORATION	2,141,148
BENEST ENGINEERING		BRITISH TELECOM-	EATON CORPORATION	2,141,149
LIMITED	2,086,683	MUNICATIONS PUBLIC	Edatsugi, Hajime	2,168,016
Benest, Roger	2,086,683	LIMITED COMPANY	EDWARDS, Michael John	2,205,421
Benson, Lawrence David	2,074,121	BRITISH TELECOM-	Effland, Richard Charles	2,024,572
BERBAKOV, Paul J.	2,220,560	MUNICATIONS PUBLIC	Ehmann, Silvia	2,148,765
Berluce, Enock	2,178,364	LIMITED COMPANY	EKANAYAKE, Athula	2,196,292
Bertram, Randal Lee	2,176,644	Broadbent, Ronald W.	ELF ATOCHEM NORTH	
Bertram, Randal Lee	2,176,648	Brossy, Pierre	AMERICA, INC.	2,040,809
Binder, William J.	2,190,011	BROWN, Robert R.	ELI LILLY AND COMPANY	2,268,710
Bissey, Bernard Laurent Yves	2,015,872	Burton, John H.	Ellis, Frederick G.	2,061,206
BLACK & DECKER INC.	2,057,145	CAMPBELL, Alan Stirling	ENDRESS + HAUSER GMBH +	
Black, Larry A.	2,176,648	CANCOIL TECHNOLOGY	CO.	2,187,844
Bland, Ronald G.	2,044,099	CORPORATION	ENDRESS + HAUSER GMBH +	
BOARD OF TRUSTEES, A		Canfield, Barth Alan	CO.	2,187,846
CONSTITUTIONAL		Carriker, Richard		
		CELLTECH THERAPEUTICS		
		LIMITED		
		Chamberlain, Linda Rae		
		Chang, Frank N.		
		CHAPMAN, Steven John		
		Chemineer, Inc.		
		CHO, Kun-ho		
		CHUNG, Chong-sam		
		Clapper, Dennis K.		
		Clarey, Mark		

## Index of Canadian Patents Issued September 26, 2000

ENVIROTECH INVESTMENTS LIMITED	2,009,348	Hasse, Margaret Henderson	2,178,723	Jones, John E.	2,184,807
EP TECHNOLOGIES, INC.	2,217,538	Hata, Junichiro	2,024,562	JONES, Judith Ann	2,196,292
Eronen, Harri	2,150,537	Havenith, Hubert	2,005,444	Jones, William J.	2,184,807
Exxon Production Research Company	2,146,181	Hawryszkow, Michael G.	2,042,118	JöRNVALL, Hans	2,018,461
Exxon Production Research Company	2,178,364	Hayes, Michael E.	2,111,337	Jun, Jin IL	2,194,412
FADEM, Mitchell B.	2,200,069	Haynes, Carla A.	2,129,070	Kabeno, Shouko	2,024,562
Falter, Wolfgang	2,047,199	Heinen, Hartwig	2,185,772	Kabigen AB	2,018,461
Fantino, Lucien	2,086,568	HENKEL CORPORATION	2,005,865	KABUSHIKI KAISHA	
Fasano, Julian B.	2,048,596	HENKEL		TOYODA JIDOSHOKKI	
Finnyards Oy	2,150,537	KOMMANDITGESELLSC		SEISAKUSHO	2,202,022
FLEISCHMAN, Sidney D.	2,217,538	HAFT AUF AKTIEN	2,047,199	Kabushiki Kaisya Advance	2,195,743
Fluke Corporation	2,163,289	Herbrechtsmeier, Peter	2,148,434	Kafka, Bernard	2,020,066
Flynn, Eamonn	2,061,589	HIDAKA, Seiji	2,198,963	Kakamu, Shinichi	2,152,208
Focke & Co. (G.m.b.H. & Co.)	2,018,224	Hill, Brian T.	2,090,691	Kakamu, Shukichi	2,152,208
Focke, Heinz	2,018,224	Hiraoka, Takashi	2,080,243	Kakamu, Yoshinori	2,152,208
Fossgreen, Donald J.	2,027,157	HISANAGA, Koji	2,238,915	KAMI, Keiichi	2,242,415
Framatome Connectors International	2,097,979	HOECHST MARION		Kanaya, Jun	2,184,891
Freeman, Lewis Gene	2,183,192	ROUSSEL, INC.	2,024,572	Kanjo, Wajih	2,042,118
Fried. Krupp AG Hoesch-Krupp	2,100,422	Hoffmann, Eduard	2,121,922	KANSAI PAINT CO., LTD.	2,014,017
Fritze, Torsten	2,148,434	HON INDUSTRIES INC.	2,198,091	Karshenas, Hamid	2,090,691
FRUS, John	2,206,781	HONDA GIKEN KOGYO		Kato, Eiichi	2,080,243
Fuji Photo Film Co., Ltd.	2,023,112	KABUSHIKI KAISHA	2,181,851	Kato, Hideo	2,024,562
Fujimori, Hirotooshi	2,180,544	HONEYWELL AG	2,185,772	Kato, Hisatoyo	2,022,654
Fukushige, Yuuichi	2,023,112	HOOGOVENS STAAL BV	2,181,409	Kawai, Takanari	2,180,544
Funk, Karl	2,044,085	HOOPER, Dennis J.	2,137,832	KAWASAKI STEEL CORPORATION	2,180,544
Gaf Chemicals Corporation	2,019,556	Hopkins, David P.	2,154,112	Kemp, Richard Alan	2,049,118
GANIMA LIMITED PARTNERSHIP	2,224,448	Hopkins, David P.	2,154,137	Kendall Company (The)	2,008,322
GARCIA, Jaime E.	2,270,790	Hosman, Donald P.	2,111,337	KENDALL COMPANY (THE)	2,033,619
GE SYPROTEC INC.	2,180,233	Hrebentar, Kevin R.	2,111,337	Kenny, Liam	2,064,027
Gebhard, Thilo	2,148,765	HREHA, Kenneth W.	2,212,717	Khan, Azhar J.	2,154,137
Gehret, Michael J.	2,064,580	HUANG, Tai-Long	2,222,540	Khan, Mohammad A.	2,154,112
Gehring, Mark R.	2,064,252	Hurd, Jonathan James	2,176,648	Khan, Mohammad A.	2,154,137
Gelman, Alexander	2,181,243	ILLINOIS SUPERCON- DUCTOR CORPORATION	2,206,659	KHARE, Gyanesh P.	2,213,171
GEMPLUS	2,188,033	ILLINOIS TOOL WORKS INC.	2,181,408	Kim, Hannah S.	2,173,118
Getman, Igor	2,187,844	Inayoshi, Tamiaki	2,177,090	Kimura, Kiyoshi	2,044,550
Ghorashi, Hamid Moayed	2,160,984	Inductotherm Corp.	2,166,645	KIRKSEY, Sanford Theodore	2,196,292
Gibeault, Jean-Pierre	2,180,233	Inoue, Yasuhide	2,184,891	Kitano, Katsuhiko	1,341,101
Gibler, Carma Joleen	2,049,118	INSTITUT PASTEUR	1,341,100	Klein, Joseph Thomas	2,024,572
GIBSON, Daniel H.	2,220,560	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,176,644	Kobayashi, Hideo	2,123,159
Gill, Brian Patrick	2,074,121	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,176,648	Kobrinski, Haim	2,181,243
Gill, Timothy Earl	2,074,121	INTERNATIONAL POWER GROUP, INC.	2,222,809	Kocal, Joseph A.	2,047,325
Gilman, Thomas	2,008,322	Ishihara, Sadao	2,064,108	Kohno, Hiroshi	2,168,016
Gilman, Thomas H.	2,033,619	ISHIKAWA, Yohei	2,198,963	Kohsaka, Masaki	2,080,243
Glennon, Oliver	2,064,027	ISOVER SAINT-GOBAIN	2,006,193	Koike, Hiroyuki	2,064,108
Glockler, Herrmann J.	2,165,515	ISOVER SAINT-GOBAIN	2,020,066	KOJIMA, Toshiharu	2,204,045
Golby, John	2,148,434	Iwakura, Ken	2,023,112	KOJIMA, Toshiharu	2,204,046
Gold, Phillip J.	2,114,326	Iwata, Atsushi	2,124,760	Komatsu, Hironori	2,168,016
GOODWIN, John C., III	2,246,171	Iwata, Daiji	2,168,016	Kondo, Hiroshi	2,080,243
Graves, Bradford T.	2,184,807	Jacobsen, Stephen C.	2,097,668	KOREA OGG CO., LTD.	2,213,805
Griffin, Scott N.	2,182,462	Jakkula, Pekka	2,007,300	Kosten, Richard B.	2,057,145
Gross, Heinz	2,044,085	JAKOB MAIER	2,200,073	Kosugi, Hiroaki	2,074,124
Hagelstam, Lennart	2,150,537	Janson, David Allen	2,141,148	Kramer, Barry L.	2,070,914
Hagmann, Peter	2,148,434	Janson, David Allen	2,141,149	Krasznai, Charles Z.	2,057,145
Harjula, Arjo	2,150,537	Janssen Pharmaceutica, Inc.	2,181,990	Kratzschmar, Oliver	2,148,765
Harsco Corporation	2,033,177	Jindex Pty. Limited	2,149,995	KRAUTER, Edward Herman	2,205,903
Hart, James E.	2,181,872	Jinks, Philip A.	2,126,244	Kretzschmar, Otto	2,148,434
Hart, James E.	2,181,977	JOHNSON & JOHNSON		Kreuzer, Franz-Heinrich	2,148,765
Hartmann, Harro Lothar	2,121,240	MEDICAL INC.	2,129,070	KRICHTAFOVITCH, Igor A.	2,222,809
Hartmann, Heinrich	2,037,292	Johnson, Andrew H.	2,109,317	Kröber, Heinz	2,100,422
Harvey, Wilson	2,129,070	Johnston, Gregory L.	2,181,977	KUNDMANN, Thomas	2,238,299
Hashimoto, Akira	2,022,654			Kuroki, Yasuhisa	2,184,891
				Kurtz, Ronald C.	2,182,462
				Kuster, Hans-Werner	2,005,444
				Kuster, Hans-Werner	2,012,272
				Laget, Anne	2,188,033

**Index des brevets canadiens délivrés  
26 septembre 2000**

Lagoni, William Adamson	2,021,094	MINNESOTA MINING AND MANUFACTURING COMPANY	2,126,244	Ohsuye, Kazuhiro	1,341,101
LAUB-MAIER, Maria	2,200,073	Mino Ganryo Kagaku Corporation	2,152,208	Okamoto, Rokuro	2,044,550
Learflux Inc.	2,164,455	MITSUBISHI DENKI		Okamura, Kazuhiko	2,044,550
Learman, Thomas J.	2,164,455	KABUSHIKI KAISHA	2,191,011	Oliver, Martin J.	2,126,244
LEE, Chul-woo	2,202,288	MITSUBISHI DENKI		Olsen, Gordon Edward	2,024,572
Lee, Jong-Youn	2,018,461	KABUSHIKI KAISHA	2,192,516	O'MALLEY, Michael	2,205,421
LEE, Yong-hoon	2,202,288	MITSUBISHI DENKI		Omura, Sadafumi	2,044,550
Leger, Patrick	2,097,979	KABUSHIKI KAISHA	2,192,613	Ono, Takashi	2,096,550
Lemaire, Etienne	2,086,568	MITSUBISHI DENKI		Organek, Gregory Joseph	2,141,148
Lentz, Ronald R.	2,109,317	KABUSHIKI KAISHA	2,196,468	Organek, Gregory Joseph	2,141,149
LEXMARK INTERNATIONAL, INC.	2,225,307	MITSUBISHI DENKI		O'Rourke, Michael J.	2,153,830
LG ELECTRONICS INC.	2,194,412	KABUSHIKI KAISHA	2,204,045	Osit, Robert	2,057,145
Light, Nicholas D.	2,129,070	MITSUBISHI DENKI		OTSUKA PHARMACEUTICAL FACTORY, INC.	2,184,891
LIM, Edward	2,200,069	KABUSHIKI KAISHA	2,204,046	Oude Alink, Bernardus A.	2,021,656
Lindsay Manufacturing, Inc.	2,089,254	MITSUBISHI DENKI		Ozasa, Yoshitsugu	2,022,654
LITHGOW, Robert D.	2,206,659	KABUSHIKI KAISHA	2,168,016	PANESCU, Dorin	2,217,538
LITTLE, Roger G., II	2,200,069	MITSUI CHEMICALS, INC	2,080,243	PARK, Soo An	2,213,805
Littler, Stephen	2,034,028	MITSUI CHEMICALS, INC.	2,064,108	Park, William R.R.	2,012,766
Logan, John B.	2,176,826	Miyake, Sigeki	2,184,891	Parker, David	1,341,102
LOGICVISION, INC.	2,249,088	Miyata, Kazuyoshi	2,064,108	Paulos, John F.	2,117,238
Login, Robert B.	2,019,556	Mizuno, Hiroshi	1,341,101	PEPPERELL, John Charles	2,198,866
Lopatin, Sergej	2,187,844	Mizuno, Kensaku	2,185,132	Perry, Michael R.	2,109,317
LOTUS DEVELOPMENT CORPORATION	2,027,157	Moodie, David Graham	2,103,460	PETERS, James Michael	2,206,659
Lynch, Edward G., Jr.	2,042,118	Moormann, Robertus J. M.	2,126,244	PETERSON, David	2,220,560
MAIER, Jakob jun	2,200,073	Moris, Robert A.	2,021,817	Petroferm Inc.	2,111,337
Maier, Winfried	2,187,846	Mork, William J.	2,238,299	PFIZER INC.	2,137,832
MALOUF, Hanna	2,249,104	MOTOROLA, INC.	2,187,844	PHILLIPS PETROLEUM COMPANY	2,213,171
MAN ROLAND		Müller, Roland	2,187,846	PILLSBURY COMPANY (THE)	2,109,317
DRUCKMASCHINEN AG	2,121,922	Müller, Roland	2,184,807	Pino, Wilton J.	2,020,514
MANN, Christopher C.	2,201,433	Munro, Mark C.	2,198,963	PISEK, Eran	2,238,299
MANN, Steve	2,233,047	MURATA MANUFACTURING CO., LTD.	2,242,415	Pol, Joannes M. A.	2,103,460
MANNING, Robert John	2,210,536	MURATA MANUFACTURING CO., LTD.	2,018,461	POLLARD BANKNOTE LIMITED	2,282,770
MANSOURI, Mack	2,238,299	Mutt, Viktor	2,249,088	Potter, Terry C.	2,034,012
MANVILLE CORPORATION	1,341,103	NADEAU-DOSTIE, Benoit	2,191,011	Prem, Wolfgang	2,121,922
Maruhashi, Yoshitsugu	2,037,920	Nagashima, Yasuyuki	2,192,516	Preston, David Michael	2,141,148
Maruyama, Yoshinori	2,096,550	Nagashima, Yasuyuki	2,180,544	Preston, David Michael	2,141,149
MATSUI, Norifumi	2,198,963	Nakajima, Yoshiyuki	2,168,016	Priedeman, William R.	2,176,826
Matsumoto, Hirotaka	2,023,112	Nakajima, Yuki	2,246,171	Prömper, Hans-Josef	2,012,272
Matsumoto, Ken	2,024,562	NCR CORPORATION	2,124,760	PULTINAS, Edmund Paul Jr.	2,196,292
Matsumoto, Tadashi	2,192,613	NEC CORPORATION	2,238,915	Quark, Inc.	2,074,121
Matsumoto, Takayuki	2,074,124	NEC CORPORATION	2,007,300	QUAYLE, John Alan	2,205,611
Matsunaga, Akio	2,168,016	NELES FIELD CONTROLS OY	2,185,132	Rabet, Nobby	2,140,380
Matsuo, Hisayuki	1,341,101	Nesset, Derek	2,145,710	Radabaugh, Kurtis R.	2,089,254
MATSUSHITA COMMUNI- CATION INDUSTRIAL CORPORATION OF U.S.A.	2,117,238	Newell Operating Company	2,037,292	RAJEWSKI, Robert C.	2,225,900
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,074,124	Niessner, Manfred	2,080,243	Raterman, Donald E.	2,184,807
MATTEL, INC.	2,285,356	Niimi, Hiroji	2,096,550	REAM, Gregory Lawrence	2,225,307
Mazur, Richard A.	2,184,807	Nippon Conlux Co., Ltd.	2,080,243	Reed, Charles A., Jr.	2,057,145
McCashin, David	2,153,830	Nippon Paper Industries Co. Ltd.	2,024,562	Reich, Marshall P.	2,160,041
MCDERMOTT TECHNOLOGY, INC.	2,220,560	Nippon Suisan Kaisha, Ltd.		Reinhard, Donnie K.	2,182,245
Medin, David L.	2,138,733	NIPPON TELEGRAPH & TELEPHONE CORPORATION	2,123,159	Reynolds, Bradley D.	2,040,809
MEECE, Kermit Arnold	2,225,307	Nishida, Reiziro	2,014,017	RICHARDS, Mark Ryan	2,205,903
Mennie, Douglas U.	2,184,807	Nishikawa, Chiharu	2,151,217	Ridett, Alan Hilton	2,009,348
Mercian Corporation	2,044,550	Nissui Pharmaceutical Co. Ltd.	2,024,562	RIM, Kyung-hwa	2,202,288
Meulenberg, Johanna J. M.	2,103,460	NOEL, John Richard	2,205,903	Rizk, Nelly Kamel	2,150,682
Meyer, Thomas	2,037,292	Noritsu Koki Co., Ltd.	2,177,541	Rohm G.m.b.H. Chemische Fabrik	2,044,085
Mian, Aziz A.	2,008,421	Nott, Sepideh H.	2,173,118	Ronning Engineering Company, Inc.	2,072,297
Mikulich, James B.	2,090,691	NOVARTIS AG	2,148,434	Ronning, Richard L.	2,072,297
Millican, Thomas Andrew	1,341,102	NOYES, Dallas B.	2,202,867	Rosen, Robert	2,027,157
		Nylok Fastener Corporation	2,045,463	Ross, Alan	2,064,951
		Oelfke, Russell H.	2,178,364	RUDD, Wallace C.	2,222,474
		Ohba, Jun	2,151,217	Ruehle, Lyle L.	2,090,691



## Index of Canadian Patents Issued September 26, 2000

Ryan, Bell	2,193,427	Société Anonyme dite :	TOYOTA JIDOSHA	
Saint-Gobain Vitrage		Aérospatiale Société	KABUSHIKI KAISHA	2,202,022
International	2,005,444	Nationale	Trabold, Hermann	2,005,472
Saint-Gobain Vitrage		Sogabe, Yasushi	Trottier, Rick	2,135,572
International	2,012,272	SOLLENBERGER, Nelson Ray	Tsuda, Yoshihiko	2,184,891
Saito, Fujio	2,064,108	Sorenson, Gregg R.	Ulczynski, Michael J.	2,182,245
Saito, Kazuhito	2,123,159	Southpac Trust International, Inc.	Unison Industries, Inc.	2,206,781
Saito, Makoto	2,123,159	SQUARE D COMPANY	United Technologies Corporation	2,114,326
Sakai, Masayuki	2,080,243	SQUARE D COMPANY	University of North Carolina at	
Sakurai, Syouji	2,180,544	Stafford, Darrel W.	Chapel Hill	2,102,702
SAMSUNG ELECTRONICS		Stahl, Bert	UOP	2,047,325
CO., LTD.	2,202,288	Stanpac Inc.	Valade, Jean-Marie	2,188,033
Samuels, Sam L.	2,008,421	STEINBECK, Linn A.	Valditerra, Sergio	2,033,177
Sandock, David L.	2,173,118	Stichting Centraal	van Hattem, Jan Cornelis	2,002,709
SANKYO COMPANY,		Diergeneeskundig Instituut	Vanachen, Luc	2,005,444
LIMITED	2,064,108	STRADLING, Richard Fiske Jr.	Vanaschen, Luc	2,012,272
Sara Lee/DE N.V.	2,002,709	Streeck, Rolf E.	Vento, Christopher M.	2,027,157
SARCOS GROUP	2,097,668	Stromme, Lars R.	VICENZI, Jeffrey Thomas	2,268,710
SARGENT INDUSTRIES, INC.	2,042,118	SUMITOMO ELECTRIC	VISX INCORPORATED	2,165,515
Sasaki, Joji	2,044,550	INDUSTRIES, LTD.	von Thoor, Bernardus Maria	2,002,709
Sasaoka, Masayuki	2,181,851	Suncor Energy Inc. / Suncor	Vondracek, Hans	2,100,422
Sato, Keigo	2,184,891	Énergie Inc.	W.L. Gore & Associates, Inc.	2,214,496
Schickling, Robert A.	2,198,278	SUNSTAR KABUSHIKI	Wach, Jürgen	2,018,224
Schmitz, Karl-Heinz	2,047,199	KAISHA	Wake, David	2,185,132
SCHNEIDER (USA) INC.	2,176,826	SUNTORY LIMITED	Wallace, William D.	2,042,118
SCHNEIDER AUTOMATION		SURETY MANUFACTURING	Wang, Bingnan	2,181,990
INC.	2,090,691	& TESTING LTD.	WARDLE STOREYS (SAFETY	
Schneider, Walter	2,037,292	Svejkovsky, Ronald	& SURVIVAL	
Schreiter, Heinz W.	2,184,807	SWANSON, David K.	EQUIPMENT) LIMITED	2,034,028
Schultz, David W.	2,126,244	Tabatabaei, Emad	Warner, Charles L., II	2,117,238
Schultz, Robert K.	2,126,244	TABOTA, Jun	Washizu, Shintaro	2,023,112
Schwald, Rolf	2,187,846	Tahkola, Esko	Watabe, Masayuki	2,096,550
SCRYMGEOUR, LYLE		Taiko Refractories Co., Ltd.	WATERFURNACE	
HAROLD	2,282,770	Takahashi, Eiji	INTERNATIONAL, INC.	2,201,433
Seiferling, Bernhard	2,148,434	Takeda, Koji	WATERMAN, Norman Cecil	2,198,866
SEIKO CORPORATION	2,064,252	Takezawa, Kimiko	Weder, Donald E.	2,145,981
SEIKO EPSON		Talleres De Escoriaza, S.A.	Weiland, Jan Adolf Ernst Sperna	2,002,709
CORPORATION	2,064,252	Talley, Larry D.	Weinstein, Stephen Brant	2,181,243
Sell, Robert D.	2,111,337	Tanaka, Shoji	Wells-Papanek, Doris	2,027,157
SEONG, Pyong-yong	2,202,288	TARRAB, Moshe	Wensvoort, Gert	2,103,460
SERTICH, Anthony T.	2,224,448	Taylor, David John Buchanan	Wessman, Brad J.	2,176,826
Sesekura, Tetsuya	2,195,743	TELCORDIA	Westermeyer, Gary W.	2,196,753
Sessa, Eugene D.	2,045,463	TECHNOLOGIES, INC.	WESTINGHOUSE AIR BRAKE	
SHELL CANADA LIMITED	2,049,118	Temple University - of the	COMPANY	2,042,118
Sheryk, David A.	2,181,408	Commonwealth System of	WESTINGHOUSE AIR BRAKE	
SHERMAN, Bernard Charles	2,253,769	Higher Education	COMPANY	2,181,872
SHERMAN, Bernard Charles	2,270,306	Terpstra, Catharinus	WESTINGHOUSE AIR BRAKE	
Shesol, Barry F.	2,160,041	THE BOARD OF REGENTS OF	COMPANY	2,181,977
Shevlin, Craig M.	2,109,317	THE UNIVERSITY OF	WESTINGHOUSE AIR BRAKE	
Shih, Jenn S.	2,019,556	OKLAHOMA	COMPANY	2,182,462
Shimizu, Mitsuaki	2,022,654	THE PROCTER & GAMBLE	White, Orval C.	2,079,468
SHIN, Dong-ho	2,202,288	COMPANY	Wickel, Stefan	2,037,292
Shoji, Takanori	2,191,011	THE PROCTER & GAMBLE	Willis, Donald Henry	2,018,529
Shoji, Takanori	2,192,516	COMPANY	Wilson, Stanley Edward	2,049,118
Sich, Gary M.	2,181,977	THE PROCTER & GAMBLE	Winterholler, Johann	2,121,922
SIEMENS		COMPANY	Witt, Stephen H.	2,091,770
AKTIENGESELLSCHAFT	2,121,240	The Stanley Works	Wolf, Richard J.	2,027,157
SINITSYNA, Irina Z.	2,222,809	THERMATOOL CORP.	Worthington, Thomas Kimber	2,176,648
Skandigen AB	2,018,461	THOMSON CONSUMER	Wright, Stuart C.	2,114,326
Smith, Gregory S.	2,117,238	ELECTRONICS, INC.	Wu, Sheue-Mei	2,102,702
Smith, Terry E.	2,019,556	THOMSON CONSUMER	XOMA CORPORATION	2,200,069
Smoot, Lanny Starkes	2,181,243	ELECTRONICS, INC.	Yagihashi, Satoru	2,024,562
Société Anonyme dite :		Tihon, Claude	Yamaguchi, Jun	2,023,112
Aérospatiale Société		Tocci, Mario Peter	Yamaguchi, Takuji	2,177,541
Nationale	2,015,872	Tominaga, Akira	Yamashita, Shinya	2,024,562
		Toyo Seikan Kaisha, Ltd.	Yamazaki, Nobuo	2,181,851

**Index des brevets canadiens délivrés  
26 septembre 2000**

Yang, Hung Han	2,160,984
YOO, Jang-hoon	2,202,288
Yoshioka, Takao	2,064,108
ZEPLIN, R. Todd	2,201,433
Zhang, Jie	2,182,247
Ziemelis, Maris J.	2,012,766
Z-PRO INTERNATIONAL, INC.	2,194,050

**Index of Canadian Patents Issued  
September 26, 2000**

# Index of Canadian Laid-Open Applications

September 3, 2000 - September 9, 2000

## Index des demandes canadiennes mises à la disponibilité du public

3 septembre 2000 - 9 septembre 2000

9068-7005 QUEBEC INC.	2,300,021	BALTIMORE AIRCOIL		CAMPBELL, MICHAEL	
A.J. ROSE MANUFACTURING		COMPANY,		CLARK	2,292,277
COMPANY	2,299,920	INCORPORATED	2,300,233	CANADIAN DOWNHOLE	
AASBERG-PETERSEN, KIM	2,299,940	BALTIMORE AIRCOIL		DRILL SYSTEMS INC.	2,264,360
ABB RESEARCH LTD.	2,300,546	COMPANY,		CANPRO WATER	
ACORN PACKAGING INC.	2,264,969	INCORPORATED	2,300,234	TREATMENT INC.	2,265,235
AIR PRODUCTS AND		BANCTEL, FABRICE	2,299,665	CARBONARE, MARTIN	2,279,481
CHEMICALS, INC.	2,299,782	BARANEK, PHILLIP J.	2,292,304	CARIOU, CLAUDE	2,299,859
AKZO NOBEL N.V.	2,298,956	BARDET, GILBERT	2,296,862	CARROLL, WILLIAM EAMON	2,299,782
ALCATEL	2,299,660	BARR, John M.	2,265,108	CARTER, THOMAS P.	2,300,232
ALCATEL	2,299,665	BAYER		CARTER, THOMAS P.	2,300,234
ALCATEL	2,300,580	AKTIENGESELLSCHAFT	2,299,905	CASPAR, Roman C.	2,265,087
ALD VACUUM		BEAUJEAN, HANS-JOSEF	2,299,926	CELGARD INC.	2,298,393
TECHNOLOGIES		BENNETT, Easton	2,264,186	CHAMBERS, John	2,264,411
AKTIENGESELLSCHAFT	2,299,860	BERGEN, Henry John	2,265,085	CHAN, KWOK PONG	2,300,225
ALEX-GYOGYSZER		BERGER, MATTHIAS	2,299,143	CHANG, Edward L.	2,262,989
KUTATASI, FEJLESZTESI		BESTFOODS	2,299,987	CHILDS, JAMES R.	2,300,537
ES TANACSADO		BEYER, BARRY A.	2,299,847	CHISHOLM, P. Scott	2,264,463
KORLATOLT		BILLUPS, WESLEY JAMES	2,296,767	CHRISTOPHER, Christopher D.	2,265,008
FELLOSSEGU T	2,299,959	BISONAYA, RUDY Y.	2,292,304	CHUAH, MOOI	2,299,141
ALTERGON S.A.	2,288,482	BLACK & DECKER INC.	2,290,178	CHUANG, Ming-Hon	2,262,989
ALUSUISSE TECHNOLOGY &		BLASER, SHANE	2,299,773	CICHUTEK, KLAUS	2,298,892
MANAGEMENT LTD.	2,299,078	BLATT, HANS-PETER	2,299,982	CLARSTROM, BO	2,296,241
AMAKI, KIYOSHI	2,300,041	BLOK, EDWARD JOHN	2,296,882	CLUBB, MATTHEW	2,298,952
AMERICAN CYANAMID		BLOK, EDWARD JOHN	2,296,896	COMPANHIA VALE DO RIO	
COMPANY	2,300,412	BOBST S.A.	2,296,862	DOCE	2,278,254
ANDERSON, JOHN	2,288,515	BODE, DIRK	2,299,143	CRAIG, THOMAS ORR	2,299,601
ANDO, MICHAEL N.	2,299,641	BODIN, EMMANUEL	2,299,660	CYBERSONICS, INC.	2,299,997
AOKI CORPORATION	2,296,966	BOERNER, FRANK	2,299,871	CYTEC TECHNOLOGY CORP.	2,264,429
AOKI, KEIICHIRO	2,299,933	BOLASH, JOHN PHILIP	2,292,277	D'ADDARIO, JAMES	2,293,107
ARTHUR, KENNETH	2,296,832	BORTZ, GARY	2,300,539	DAIDO KOGYO CO., LTD.	2,300,041
ARZNEIMITTEL GMBH		BRANDENSTEIN, MANFRED	2,300,588	DAIMLERCHRYSLER AG	2,299,822
APOTHEKER VETTER &		BRASS-CRAFT		DALTON, JAMES M.	2,299,590
CO. RAVENSBURG	2,299,728	MANUFACTURING		DASSAULT SYSTEMES	2,299,866
AUDET, JOCELYN	2,296,263	COMPANY	2,299,834	DASSAULT SYSTEMES	2,299,870
AUTOMATED BATTING		BREVART, BERTRAND	2,299,660	DASSAULT SYSTEMES	2,299,896
CAGES CORPORATION	2,269,418	BRIDGES, Mearl K.	2,265,108	DAVE, BHARAT P.	2,299,947
AXON, TONY GRAHAM	2,300,540	BRISSON, ANDRÉ	2,284,308	DAVENPORT, PAUL L.	2,299,515
BAATZ, GUNTHER	2,299,905	BRITISH-AMERICAN		DAWES, NICHOLAS W.	2,290,301
BAHMAN, MIR DAVOOD	2,285,489	TOBACCO (GERMANY)		DE GIOVANNI PACHE DE	
BAHMAN, MIR DAVOOD	2,300,527	GBH	2,300,022	FARIA, MARCELO	2,278,254
BAILEY, VALERIE ANN	2,300,511	BRONSTRUP, VOLKER	2,299,918	DE LA COUR, Pierre	2,264,212
BAILEY, VALERIE ANN	2,300,525	BROTTGARDH, GORAN	2,296,241	DE LA FUENTE MORATA,	
BAKER HUGHES		BRUCKAMP, JORG	2,299,860	JUAN PEDRO	2,299,959
INCORPORATED	2,300,004	BUCHA, ELKE	2,299,894	DE LIND VAN	
BAKER HUGHES		BUNDESREPUBLIK		WIJNGAARDEN,	
INCORPORATED	2,300,331	DEUTSCHLAND,		ADRIAAN J.	2,299,947
BAKER HUGHES		LETTZVERTRETEN		DEERE & COMPANY	2,288,481
INCORPORATED	2,300,542	DURCH DEN		DELMERICO, PAUL E.	2,290,012
BALL, David John	2,264,425	PRÄSIDENTEN DES PAU	2,298,892	DELPINO, FRANCO	2,299,820
BALLARD, BARBARA	2,297,414	BURNS, GEOFFREY FRANCIS	2,299,895	DEMPSEY, JAMES F.	2,297,867
BALTIMORE AIRCOIL		BURR, RONALD	2,299,773	DENUIT, CHARLES	2,299,153
COMPANY,		BURRIS, WESLEY JAY	2,300,556	DEVALL, JEFFREY	2,299,847
INCORPORATED	2,300,232	CABELL, DAVID WILLIAM	2,300,511	DEVELOPMENT CENTER	
				FOR BIOTECHNOLOGY	2,262,989

**Index of Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000**

DIAMOND SA	2,299,159	GELDMACHER, INGO M.	2,300,542	HOLZHEIMER, JOHN C.	2,297,867
DIBBERN, JOHN E.	2,290,178	GEN MANUFACTURING LTD.	2,265,085	HOLZHEIMER, JOHN C.	2,297,868
DICKSON, RICHARD H.	2,292,304	GH HENSLEY INDUSTRIES, INC.	2,281,326	HOLZHEIMER, JOHN C.	2,298,022
DIETIKER, PAUL	2,299,590	GIERER, JOSEPH T.	2,299,879	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,298,986
DIMIG, STEVEN J.	2,279,472	GIESE, AARON	2,300,537	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,299,804
DIMIG, STEVEN J.	2,299,921	GILLESPIE, EDWARD J.	2,299,948	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,299,849
DIMPLEX NORTH AMERICA LIMITED	2,299,927	GOLDEN, ROSEMARY A.	2,299,987	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,300,003
DISCHINGER, JAKOB	2,279,481	GOLDSCHMIDT AG	2,297,504	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,300,041
DOEBERL, TERRENCE M.	2,299,948	GORDON, JANET L.	2,300,225	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,299,590
DOI, Takeshi	2,264,226	GORDON, LARRY ASHLEY	2,296,882	HORCHLER VON LOCQUENGHEN, KLAUS	2,299,871
DONATI, ELISABETTA	2,288,482	GRAHAM, BERNARD	2,299,564	HOSHINO, TATSUO	2,298,869
DOPACO, INC.	2,286,817	GRASSO, KAMALA J.	2,300,036	HOSSLI, Roland	2,270,265
DOUGLAS, R. WAYNE	2,300,025	GREEN, Robert E.	2,269,418	HUANG, Cheng-Ho	2,262,832
DRABER, SILKE	2,300,546	GREENTECH DESIGN LTD.	2,264,212	HUBER, ANDREAS	2,299,863
DRESSEL, JURGEN	2,299,871	GROLL, STEVEN E.	2,299,847	HUGHES ELECTRONICS CORPORATION	2,299,641
DREW, BRIAN S.	2,300,233	GUILBAULT, Richard	2,264,364	HUGHES-BAIRD, ANDREA C.	2,299,805
DUBÉ, Raymond	2,265,126	GUILLEMOT, Philippe	2,265,023	HUMATRO CORPORATION	2,300,511
DUCCINI, YVES	2,299,952	GZARA, KAIS	2,298,252	HUMATRO CORPORATION	2,300,525
DURAND, Felix Dona	2,265,018	GZARA, KAIS	2,298,859	HUND, PETRA	2,299,728
EADE, THOMAS JON	2,292,277	HACHE, JEAN-MICHEL	2,298,252	HURLIMANN, DANIEL	2,296,862
EATON CORPORATION	2,282,928	HACHE, JEAN-MICHEL	2,298,859	HUTCHINSON, MARK W.	2,298,859
EDWARDS, THOMAS J.	2,299,898	HAEMOSYS GMBH	2,299,894	IAMPEN, MARCEL H.	2,279,662
EHRICH, GERD	2,299,836	HAERER, JUERGEN	2,299,926	IGAUE, TAKAMITSU	2,299,182
ELKAY MANUFACTURING COMPANY	2,292,304	HAITSUKA, STACY	2,299,773	IKUMA, TOMONORI	2,298,986
EMERSON ELECTRIC CO.	2,299,879	Haldor Topsoe A/S	2,299,940	ILLINOIS TOOL WORKS INC.	2,296,917
ERHARDT, KLAUS	2,299,871	HALL, Richard E.	2,269,418	ILLINOIS TOOL WORKS INC.	2,298,727
ERICKSON, DANIEL	2,292,304	HALLIBURTON ENERGY SERVICES, INC.	2,300,555	ILLINOIS TOOL WORKS INC.	2,298,959
ERTL, PETER	2,299,906	HALLIBURTON ENERGY SERVICES, INC.	2,300,556	IMAI, SHIGEO	2,299,182
ESTANISLAO, DANILO F.	2,299,858	HALSTEAD, MARK	2,299,834	IMMARSAT LTD	2,289,835
ETHYL PETROLEUM ADDITIVES LIMITED	2,299,203	HAMMOND, STEPHEN VICTOR	2,300,540	IMMARSAT LTD	2,289,838
F. HOFFMANN-LA ROCHE AG	2,298,869	HAMULAK, MICHAEL A.	2,299,920	INNOTECH CORPORATION	2,264,226
FARRELL, GERALD J. (DECEASED)	2,292,304	HANDA, AKIO	2,300,041	INNOVATIVE AUTOMATION, INC.	2,293,107
FEBVRE, PAUL	2,289,835	HANSSON, STEFAN	2,296,241	INOUE, YUICHI	2,299,950
FEBVRE, PAUL	2,289,838	HARCOR SECURITY SEALS PTY LIMITED	2,300,539	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,297,414
FERAY, ALEXANDRE	2,299,665	HARDING DISPLAY CORPORATION	2,265,097	INTERNATIONAL GAME TECHNOLOGY	2,299,805
FERGUSON, ROBERT D. G.	2,299,964	HARDING, William D.	2,265,097	INTERSIL CORPORATION	2,296,829
FINES, PANAGIOTIS	2,289,838	HARPELL, WILLIAM	2,299,916	ISAC, VICTOR	2,299,837
FISHMAN, DANIEL A.	2,299,143	HART, JAMES E.	2,298,804	ISHIDA, SHIGEKI	2,299,941
FLEISCHER, WOLFGANG	2,299,141	HATANAKA, KENJI	2,299,938	IVIGLIA, JOEL	2,299,859
FLYNN, ROGER LEE SR.	2,299,923	HATHAWAY, Richard C.	2,265,108	IWATA, YOICHI	2,300,003
FN HERSTAL, S.A.	2,299,153	HAYASHIZAKI, YOSHIHIDE	2,265,019	IZUMIURA, ATSUSHI	2,299,849
FORSTER, RICHARD	2,299,763	HENKEL		JACKSTÄDT GMBH	2,299,988
FORT JAMES CORPORATION	2,300,036	KOMMANDITGESELLSC HAFT AUF AKTIEN	2,299,926	JACOBSEN, WILLIAM W.	2,300,265
FOSROC INTERNATIONAL LIMITED	2,265,104	HENKEL, ROBERT	2,299,923	JALBERT, STEVE	2,300,030
FRANCE TELECOM	2,299,859	HERAEUS ELECTRO-NITE INTERNATIONAL N.V.	2,299,962	JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF HOKKAIDO NATIONAL AGRICULTUR	2,299,941
FRANITZA, JERALD	2,282,928	HERZOG, KLAUS-PETER	2,299,905	JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED	2,299,832
FRENKLER, DIETER	2,299,988	HESCH, ROLF	2,299,986	JENG, King-Song	2,262,989
FRISWELL, MICHAEL ROBERT	2,299,080	HESS, KRISTOFFER	2,299,927	JENSEN, Kim Fjello	2,264,406
FRY, Shawn C.	2,265,008	HILKER, Dieter H.	2,265,087	JOHNSON, DOUGLAS W.	2,300,036
FUJII, TAKAFUMI	2,300,523	HILTI			
FUJIO, Kazunari	2,265,019	AKTIENGESELLSCHAFT	2,279,481		
FUJIOKA, MASATO	2,299,804	HIRSCHMANN, GUENTHER	2,299,862		
FUTAMURA, SHINGO	2,296,896	HIRSCHMANN, GUENTHER	2,299,864		
GABRIELE, ANGELO	2,270,603	HO, VAN N.	2,300,331		
GARDES, JOEL	2,299,859	HOASHI, ISAO	2,299,843		
GARG, BRIJ BHUSHAN	2,299,947	HODGE, DAVID H.	2,299,998		
GARRETT, H. EDWARD JR.	2,299,964	HOLDERBAUM, THOMAS	2,299,926		
GASCOYNE, DAVID G.	2,300,225	HOLMBERG, LARRY ALLEN	2,287,748		
GAUTHIER, FRANCOIS	2,299,952				
GEDACK, HORST	2,298,429				

## Index des demandes canadiennes mises à la disponibilité du public

3 septembre 2000 - 9 septembre 2000

JOHNSON, FRANK J.	2,292,304	LAFOND, Danielle	2,265,014	MATSUBARA, ATSUSHI	2,299,849
JOHNSON, PETER D.	2,300,036	LAFOND, DANIELLE	2,300,030	MATSUDA, KUNIO	2,300,523
JOLIVET, ELISE	2,298,166	LÄMAS, AXEL	2,296,241	MATSUHASHI, RYO	2,300,008
JONES, EDWARD ARTHUR	2,289,838	LAMMLI, Ernest	2,264,466	MATSUOKA, Mitsuo	2,268,636
JOSTEN, WOLFGANG	2,297,504	LAROCHE, André	2,262,830	MATSUOKA, YUTAKA	2,300,000
JUSTINIANO, JOSEPH G.	2,299,858	LAROCHE, ANDRE	2,300,021	MATSUSHITA GRAPHIC	
KACI TERMINALS SYSTEM, LTD.	2,265,108	LAROCQUE, Neil	2,264,318	COMMUNICATION	
KAISER, GARRY R.	2,300,331	LAUTERBACH, GARY	2,300,005	SYSTEMS, INC.	2,292,824
KAMESWARAN, VENKATARAMAN	2,300,412	LAVRANCHUK, JAMES S.	2,299,947	MCNALLY, CHRISTOPHER	2,297,456
KARIGAN, JOSEPH MICHAEL	2,300,555	LEDBETTER, Mark	2,264,522	MCNALLY, MICHAEL P.	2,297,456
KARIGAN, JOSEPH MICHAEL	2,300,556	LEE, KENT	2,299,882	MELBER, ALBRECHT	2,299,860
KARRHAMMAR, JESPER	2,296,241	LEE, SUNG HO	2,280,118	MERCURE, JAUNITA V.	2,292,300
KASSELMANN, Jochen	2,265,104	LEE, SUNG HO	2,300,341	MERVAR, ROBERT	2,300,036
KATAOKA, MASAHITO	2,299,815	LEGGATT, Charles F.	2,264,358	METTE, PHILIP MICHAEL	2,297,603
KATAOKA, MASAHITO	2,300,011	LEITE MARQUES, JOSÉ		MEYER, JOACHIM	2,299,836
KATO, YOSHICHIKA	2,299,832	FERNANDO	2,278,254	MHE TECHNOLOGIES, INC.	2,299,756
KAZAMA, HIROSHI	2,299,821	LEMAY, STEVEN G.	2,299,805	MICHALEK, DAVID A.	2,292,300
KEYSTONE INDUSTRIES, INC.	2,271,602	LENEXA CARD, L.L.C.	2,300,241	MICHEAL, JOHN GERALD	2,300,511
KICH, ROLF	2,299,641	LESIEUR, Yves	2,264,378	MIKKELSEN, SUSAN R.	2,299,906
KIHARA, NOBUYUKI	2,299,908	LEVITON MANUFACTURING		MIKSCH, Edmond S.	2,265,108
KIHARA, HIROSHI	2,300,008	CO., INC.	2,299,858	MILLER, JAMES DANIEL II	2,300,511
KIKUCHI, MASAO	2,300,008	LEWIS, JAMES R.	2,297,414	MINING RESOURCE	
KISH, PAUL	2,298,313	LEXMARK INTERNATIONAL, INC.	2,292,277	ENGINEERING LTD.	2,288,515
KITRELL, JAMES R.	2,300,513	LIN, Lung-Shen	2,262,989	MITEL CORPORATION	2,299,639
KIYOMIYA, TAKASHI	2,299,849	LIVESCU, GABRIELA	2,299,143	MITSUBISHI HEAVY	
KLAUS REINHOLD		LOOSE, RAINER	2,279,481	INDUSTRIES, LTD.	2,299,815
MASCHINEN- UND		LORAN NETWORK		INDUSTRIES, LTD.	2,300,011
GERÄTEBAU GMBH	2,299,918	MANAGEMENT LTD.	2,290,301	MODY, RUSTOM K.	2,300,004
KLEIN, Donald R.	2,265,108	LORINI, PAOLO	2,299,005	MOEN INCORPORATED	2,297,867
KLINGEBIEL, MANFRED	2,299,822	LUCENT TECHNOLOGIES		MOEN INCORPORATED	2,297,868
KNAPE & VOGT		INC.	2,298,320	MOEN INCORPORATED	2,298,022
MANUFACTURING		LUCENT TECHNOLOGIES	2,298,323	MOHR, THOMAS J.	2,299,205
COMPANY	2,299,998	INC.	2,298,844	MOLECULAR	
KOBAYASHI, KIYOSHI	2,299,821	LUCENT TECHNOLOGIES		OPTOELECTRONICS	
KOMATSU MINING		INC.	2,298,933	CORPORATION	2,300,225
GERMANY GMBH	2,299,836	LUCENT TECHNOLOGIES		MOLITOR, GEORGE	2,299,860
KORENIC, BRANISLAV	2,300,232	INC.	2,298,936	MOMONA, MORIHISA	2,300,470
KORENIC, BRANISLAV	2,300,234	LUCENT TECHNOLOGIES		MONACO, Jay P.	2,271,602
KORUNIC, Zlatko	2,264,383	INC.	2,299,141	MONAHAN, RANDY	2,299,920
KOSSMEHL, GERHARD	2,299,871	LUCENT TECHNOLOGIES		MOODY, JOHN R.	2,300,036
KPODZO, ELIAS		INC.	2,299,143	MORI, KEIICHI	2,299,832
BONAVENTURE	2,298,320	LUCENT TECHNOLOGIES		MORISOD, JEAN-BERNARD	2,296,862
KRALEVICH, MARK LESLIE		INC.	2,299,895	MORISSET, Pierre	2,265,017
JR.	2,296,882	LUCENT TECHNOLOGIES		MORIYASU, SEI	2,299,638
KRALEVICH, MARK LESLIE		INC.	2,299,947	MORRIS, MATTHEW	
JR.	2,296,896	LUSCHER, PATRICK	2,296,862	THOMAS	2,296,767
KROUT, DANIEL L.	2,290,178	MACDONALD MARCY F.	2,299,948	MOSAIX, INC.	2,299,898
KSE INC.	2,300,513	MACDONALD, Kenneth		MUDGE, DAVID DENIS	2,289,835
KUBOYAMA, NOBUYOSHI	2,296,966	(Lockie)	2,265,037	MUDGE, DAVID DENIS	2,289,838
KUHR, HANS JURGEN	2,299,763	MACKENZIE, HAROLD	2,299,773	MUL-T-LOCK	
KUNUGI, TAKAHARU	2,299,813	MACKEY, LARRY NEIL	2,300,511	TECHNOLOGIES LTD.	2,284,308
KURARAY CO., LTD.	2,299,934	MACKAY, LARRY NEIL	2,300,525	MUNDT, EGBERT	2,298,956
KURARAY CO., LTD.	2,299,938	MAEDA, MIZUHO	2,299,934	NAKAJIMA, KENJI	2,299,804
KURODA, SHIGETAKA	2,299,849	MAHAN, Gregory L.	2,265,008	NAKAMOTO, YASUO	2,300,003
KURODA, SHIGETAKA	2,300,003	MAKI, YUJI	2,300,041	NAKAYA, MASAKAZU	2,299,934
KUTINSKY, David	2,264,360	MALAN, Danie	2,264,516	NARRICOT INDUSTRIES, INC.	2,270,265
KUWABARA, MASAMITSU	2,299,815	MALIN, ART	2,298,959	NASR, NAGIB	2,297,867
KUWABARA, MASAMITSU	2,300,011	MANDRICK, PAUL	2,300,474	NASR, NAGIB	2,297,868
KVAERNER PULPING AB	2,296,241	MARTIN, JUDITH A.	2,299,948	NASR, NAGIB	2,298,022
LABPLAS INC.	2,265,014	MARTIN, WESLEY E.	2,281,326	NAVISTAR INTERNATIONAL	
LABPLAS INC.	2,300,030	MARUTA, YASUSHI	2,300,043	TRANSPORTATION	
LAFLEUR, DENIS	2,300,040	MASGHATI, MOHAMMAD	2,296,917	CORP.	2,285,497
LAFLEUR, DENIS JR.	2,300,040	MASUDA, KINYA	2,299,941	NEASE, GREG ALAN	2,298,320
				NEC CORPORATION	2,299,813
				NEC CORPORATION	2,300,043

**Index of Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000**

NEC CORPORATION	2,300,120	PESANDO, LUCA	2,299,820	ROSE, CHRISTOPHER P.	2,299,920
NEC CORPORATION	2,300,470	PETERS, Kenneth D.	2,264,498	ROTH, MARK W.	2,298,022
NELSON, MARVIN D.	2,299,590	PETERSON, PAUL A.	2,298,393	ROYER, Ronald	2,266,238
NETZERO, INC.	2,299,773	PETERSON, THOMAS	2,299,997	ROYTBERG, DIMITRY	2,292,304
NICOLAS, ALAIN	2,299,866	PFIZER INC.	2,300,540	RUBBERMAID	
NIPPON SANSO		PICCIRILLI, ALFONSO B.	2,298,323	COMMERCIAL	
CORPORATION	2,300,523	PIETRE, ARMEL	2,299,665	PRODUCTS LLC	2,290,012
NIPPON STEEL		PIGUET, MICHEL	2,296,862	RULE, JOHN E.	2,300,233
CORPORATION	2,300,008	PILOT DRILLING CONTROL		RUNKLE, CHARLES J.	2,298,393
NIPPON TELEGRAPH AND		LIMITED	2,298,952	RUPP, ARNULF	2,299,862
TELEPHONE		PILZ, AXEL	2,299,863	RUPP, ARNULF	2,299,864
CORPORATION	2,299,821	PITCH OUTDOOR		RUSSELL, Timothy Mark	2,270,265
NITSCH, CHRISTIAN	2,299,926	ADVERTISING INC.	2,296,832	RUSSI, Piero	2,272,780
NITTO DENKO		PITNEY BOWES INC.	2,299,948	RUVANG, JOHN A.	2,281,326
CORPORATION	2,299,950	PITTSWAY CORPORATION	2,299,919	RYAN, HELEN THERESA	2,299,203
NORDX/CDT, INC.	2,298,313	PLATTNER, CHAD ERIC	2,288,481	S.I. EL S.R.L.	2,299,005
NORTEL NETWORKS		PLOURDE, Aimé, A.P.	2,265,021	SAITO, JUNICHI	2,299,950
CORPORATION	2,295,407	PLUCKHAHN, FRANK	2,300,022	SAKAMOTO, MASAMI	2,300,000
NOVA CHEMICALS		POLYCITY ENTERPRISE		SAMPSON, TIMOTHY W.	2,300,331
CORPORATION	2,264,463	LIMITED	2,298,172	SAMSUNG ELECTRONICS	
NOVA CHEMICALS EUROPE		PORTER, PAUL M.	2,299,948	CO., LTD.	2,280,118
LIMITED	2,299,601	PRAKASH, SUTI	2,299,948	SAMSUNG ELECTRONICS	
NOWAK, GOTZ	2,299,894	PRENTICE, JOHN	2,296,829	CO., LTD.	2,300,341
NOWLEN, William M.	2,264,468	PRESBY, HERMAN MELVIN	2,298,323	SANDEN CORPORATION	2,299,843
NU-WAVE PHOTONICS INC.	2,299,873	PRICE, TIMOTHY	2,300,029	SANDEN CORPORATION	2,300,039
NU-WAVE PHOTONICS INC.	2,299,907	PRIDA, Cary L.	2,262,835	SANDSTROM, PAUL HARRY	2,296,882
ODENDAHL, DOUG	2,292,304	PRINGLE, DAVID L.	2,299,879	SANDSTROM, PAUL HARRY	2,296,896
OGAWA, HIDEHIKO	2,292,824	PRITCHARD, ROBERT D.	2,299,920	SASAKI, TOSHIO	2,300,469
OGIER, JEAN-MARC	2,299,859	PROGRESSIVE TOOL &		SATO, JUNICHI	2,300,041
OHMORI, HITOSHI	2,299,638	INDUSTRIES CO.	2,300,537	SATO, YOSHICHIKA	2,299,815
OJIMA, KAZUYUKI	2,298,869	PROHASKA, RICHARD D.	2,282,928	SATO, YOSHICHIKA	2,300,011
OKI, HIDEYUKI	2,299,849	PRZEKLASA, EDWARD		SAUNDERS, OLIVER W.	2,299,643
OLHEISER, DENNIS J.	2,292,300	ADAM	2,292,304	SAUNDERS, OLIVER W.	2,299,680
ORMESHER, J. Peter	2,264,383	RAABE, CHRISTIAN	2,299,143	SAWAMURA, KAZUTOMO	2,300,003
OTC - OPTICAL		RAK, JOSEF	2,300,531	SCARBOROUGH, THOMAS L.	2,292,300
TECHNOLOGIES		RAMPRASAD, DORAI	2,299,782	SCHLUMBERGER CANADA	
CENTER S.R.L.	2,299,820	RANDALL PRODUCTS		LIMITED	2,298,252
OTSUBO, TOSHIFUMI	2,298,962	INTERNATIONAL, INC.	2,262,835	SCHLUMBERGER CANADA	
OTTO, THOMAS	2,299,728	RANDALL, William B.	2,262,835	LIMITED	2,298,859
OXY L'EAU INC.	2,299,205	RAPAPORT, IRINA	2,288,482	SCHMEKEL, GERALD	2,300,022
OZAWA, Kaori	2,265,019	REEF INDUSTRIES, INC.	2,292,300	SCHMIDT, Rudiger	2,265,042
PAL, DHAMENDRA	2,299,997	RENIHAN, Robert	2,264,969	SCHOENFELDER, GEORGE A.	2,299,919
PAN, FENG	2,300,225	REZMER-COOPER, IAIN	2,298,252	SCHULZ, CARL R.	2,290,012
PANDUIT CORP.	2,299,892	REZMER-COOPER, IAIN	2,298,859	SCIENTIFIC DRILLING	
PARKOS, MARIA P.	2,299,948	RICHARDS, MARK RYAN	2,300,511	INTERNATIONAL	2,300,029
PATENT-TREUHAND-		RICHTER, BERND	2,299,926	SCOTT, JOSHUA	2,300,474
GESELLSCHAFT FUR		RIEWERTS, PAUL REED	2,288,481	SEKULA, BERNARD C.	2,299,987
ELEKTRISCHE		RIIKONEN, ESKO A.	2,299,913	SEMRAU, MARKUS	2,299,926
GLUEHLAMPEN MBH	2,298,429	RIKEN	2,299,638	SENGUPTA, AMITAVA	2,298,393
PATENT-TREUHAND-		RITZ, ALAN J.	2,299,921	SETOGUCHI, YUTAKA	2,298,869
GESELLSCHAFT FUR		RIWA-TEC GMBH		SEXSMITH, Hugh	2,264,368
ELEKTRISCHE		MESSGERATE		SHEHADEH, FATIMAH	2,299,143
GLUEHLAMPEN MBH	2,299,862	HANDELSGESELLSCHAFT		SHER, TAK CHI	2,298,172
PATENT-TREUHAND-		T	2,299,982	SHIMO, HIROYUKI	2,299,934
GESELLSCHAFT FUR		ROBERTS, MICHAEL	2,300,580	SHIRAISHI, ATSUSHI	2,300,039
ELEKTRISCHE		ROBERTSON, Allan James	2,264,429	SHORT, JASON E.	2,300,036
GLUEHLAMPEN MBH	2,299,863	ROCHE DIAGNOSTICS GMBH	2,299,763	SIFFORD, THOMAS L.	2,292,300
PATENT-TREUHAND-		RODGERS, John	2,265,097	SILBER, STEFAN	2,297,504
GESELLSCHAFT FUR		ROHM AND HAAS COMPANY	2,299,080	SINGHAL, ASHOK	2,300,005
ELEKTRISCHE		ROHM AND HAAS COMPANY	2,299,952	SIPE, WARREN C.	2,282,928
GLUEHLAMPEN MBH	2,299,864	ROLLENDER, DOUGLAS		SIS HUMAN FACTOR	
PAYNE, PAUL RANDOLPH	2,292,304	HAROLD	2,298,844	TECHNOLOGIES, INC.	2,264,406
PERREAULT, Michel	2,264,364	ROLLENDER, DOUGLAS		SKF FRANCE	2,300,588
PERROUX, FRANCOIS	2,299,866	HAROLD	2,298,933	SMITH, Tommy L.	2,269,418
PERROUX, FRANCOIS	2,299,870	ROLLENDER, DOUGLAS		SOCIÉTÉ DES PRODUITS	
PERRYMAN, GARRY	2,292,304	HAROLD	2,298,936	NESTLÉ S.A.	2,298,166

## Index des demandes canadiennes mises à la disponibilité du public

3 septembre 2000 - 9 septembre 2000

SOLHEIM, ALAN GLEN	2,295,407	TRUAN, CHARLES J.	2,300,474	WU, Shaw-Yun	2,262,989
SONY CORPORATION	2,299,908	TRUAN, JAMES	2,300,474	WWJ, LLC	2,300,265
SOTF TECHNOLOGIES, INC.	2,265,008	TRW INC.	2,299,643	XIAO, JIAQI	2,300,542
SOUTHPAC TRUST		TRW INC.	2,299,680	YAMADA, MASASHI	2,300,523
INTERNATIONAL, INC.	2,300,032	TRYNEX, INC.	2,300,474	YAMAGATA, YUTAKA	2,299,638
STANT MANUFACTURING		TUNC, DEGER C.	2,299,935	YAMASHITA, HIROSHI	2,300,120
INC.	2,299,847	TURFAN, FARUK M.	2,298,727	YAMAUCHI, ALAN	2,300,005
STEFANOV, BORIS B.	2,299,947	UCHIDA, KEISUKE	2,300,003	YAMAZAKI, SHUICHI	2,300,008
STERLING, Robert Laurel	2,265,042	UMIX CO., LTD.	2,268,636	YAN, ANLU	2,299,141
STEWART, KEVIN R.	2,300,225	UNI-CHARM CORPORATION	2,298,962	YAZAKI CORPORATION	2,300,000
STEWART, Randy	2,264,520	UNI-CHARM CORPORATION	2,299,182	YIU, Chau Chau	2,265,235
STRATTEC SECURITY		unknown	2,299,894	YOCUM, JAMES A.	2,286,817
CORPORATION	2,279,472	UNKNOWN	2,300,525	YOKOTA, TEPPEI	2,299,908
STRATTEC SECURITY		UOP LLC	2,264,498	YOSHIDA, Minoru	2,264,226
CORPORATION	2,299,921	URBANKE, RUDIGER L.	2,299,947	YOUSSEFI, THIERRY	2,299,660
STRYKER TECHNOLOGIES		VAN BUSKIRK, RICHARD	2,300,004	YUE, ON-CHING	2,299,141
CORPORATION	2,299,935	VAN DE SANDEN,		ZEBIAN, MARWAN	2,299,773
SUENAGA, KIYOSHI	2,299,815	JOHANNES FRANCISCUS	2,300,588	ZENIYA ALUMINUM	
SUENAGA, KIYOSHI	2,300,011	VAN LOON, ADRIAAN		ENGINEERING, LIMITED	2,300,041
SUGIMURA, TORU	2,299,182	ANTONIUS WILHELMUS		ZHOU, JIANHUI	2,299,143
SUMITOMO CHEMICAL		MARIA	2,298,956	ZIRNGIBL, MARTIN	2,299,143
COMPANY, LIMITED	2,300,469	VAN STEENWYK, DONALD			
SUN MICROSYSTEMS, INC.	2,300,005	M.	2,300,029		
SUN, De-Gui	2,264,324	VANDERHEIDE, CRAIG L.	2,299,998		
SUN, De-Gui	2,265,015	VANDERMOLEN, GARY L.	2,285,497		
SUN, DE-GUI	2,299,873	VANDERVELDE, CHARLES F.	2,299,892		
SUN, DE-GUI	2,299,907	VERSTREKEN, PAUL	2,299,962		
SUSSMAN, LISA A.	2,298,380	VETTER, UDO J.	2,299,728		
SUZUKI, NOBUO	2,298,986	VINYLBILT SHUTTER			
SUZUKI, SHOJI	2,300,041	SYSTEMS INC.	2,270,603		
SUZUKI, TOMOYUKI	2,300,469	VOLPI, FRANCO	2,299,159		
SVEHLA, ANNA	2,292,304	VON LOCQUENGHIEU,			
SWIETLIK, GEORGE	2,298,952	KLAUS HORCHLER	2,299,871		
TADIC, VEDRAN	2,300,588	VU, DUY MINH	2,299,866		
TAI, SHINJI	2,299,934	VU, DUY MINH	2,299,870		
TAKAHASHI, TOORU	2,299,804	VU, DUY MINH	2,299,896		
TAKAMATSU, HIDEO	2,299,934	WAEDEKIN, CURT J.	2,299,756		
TANABE, KAZUHIRO	2,299,821	WAGNER, JOHN B.	2,280,301		
TATIN, JOHAN	2,299,952	WAKO PURE CHEMICAL			
TAUCHER, JAMES EDWARD	2,296,882	INDUSTRIES, LTD.	2,265,019		
TAYLOR, TROY M.	2,292,300	WALLER, FRANCIS JOSEPH	2,299,782		
TESSIER, Lynn P.	2,264,467	WALLING, JORG-HEIN	2,298,313		
THE BOC GROUP, INC.	2,299,515	WANETZKY, ERWIN	2,299,860		
THE GOODYEAR TIRE &		WARBURTON, John Robert	2,265,005		
RUBBER COMPANY	2,296,767	WARDLE, DAVID G.	2,299,515		
THE GOODYEAR TIRE &		WARE, TOM	2,299,639		
RUBBER COMPANY	2,296,882	WARREN, TERRY	2,299,773		
THE GOODYEAR TIRE &		WATANABE, KOJI	2,299,815		
RUBBER COMPANY	2,296,896	WATANABE, KOJI	2,300,011		
THE INSTITUTE OF		WEATHERFORD, STEVEN D.	2,300,241		
PHYSICAL AND		WECO ELECTRICAL			
CHEMICAL RESEARCH	2,265,019	CONNECTORS INC.	2,299,837		
THIEL, GERWIN	2,299,862	WEDER, DONALD E.	2,300,032		
THORP, EDWARD J.	2,299,919	WEIGELT, WOLFGANG	2,299,871		
THURNER, HANS	2,299,078	WEISS, ARNO	2,300,022		
TICE, LEE D.	2,299,919	WEISS, MICHAEL	2,299,639		
TIMONY, David Sr.	2,265,172	WESTINGHOUSE AIR BRAKE			
TOMITA, YASUOKI	2,299,815	COMPANY	2,298,804		
TOMITA, YASUOKI	2,300,011	WIEMEYER, JAMES F.	2,299,919		
TOWLE, JAMES N.	2,300,029	WIENCEK, DONALD C.	2,299,892		
TOYODA, MASAKAZU	2,299,941	WIESLER, FREDERICK E.	2,298,393		
TOYOTA JIDOSHA		WILLAUER, DARRIN L.	2,300,004		
KABUSHIKI KAISHA	2,299,933	WILLEMSEN, Thomas	2,264,380		
TOZER, Gerald	2,264,520	WILLIAMS, J. SCOTT	2,299,964		
TRABO S.R.L.	2,272,780	WILLIAMSON, BRIAN J.	2,299,847		
TROKHAN, PAUL DENNIS	2,300,525	WISSEMEIER, ALEXANDER	2,299,871		



**Index of Canadian Laid-Open Applications  
September 3, 2000 - September 9, 2000**

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

ABB ALSTOM POWER INC.	2,314,252	BETH ISRAEL DEACONESS		CLARK, JOSEPH	2,314,095
ABBOTT LABORATORIES	2,315,117	MEDICAL CENTER	2,312,287	CLAWSON, BURRELL E.	2,314,892
ABEND, THOMAS	2,314,320	BIOCHEM PHARMA INC.	2,314,408	COHEN, YACHIN	2,313,459
ABREO, MELWYN A.	2,315,117	BIOMEDICAL FRONTIERS, INC.	2,314,716	COLES, MARC	2,314,868
AEROQUIP-VICKERS, INC.	2,314,509	BIOPOLYMER SOLUTIONS,		COLLEDGE, CLARK	2,314,686
AGNEVIK, MIKAEL	2,315,112	INC.	2,314,229	COLLIER, KATHERINE D.	2,313,950
AGNEVIK, MIKAEL	2,315,116	BISHOP INNOVATION LIMITED	2,314,180	COLUCCI, ROBERT D.	2,314,893
AGNEVIK, MIKAEL	2,315,119	BITRON S.P.A.	2,314,258	COOK, TODD D.	2,314,181
AGNEVIK, MIKAEL	2,315,120	BJORE, ANNIKA	2,314,490	CORBIN, CHRISTOPHER	2,314,245
AHN, JAE-MIN	2,314,232	BJORSNE, MAGNUS	2,314,490	CORNHILL, FREDERICK	2,313,401
ALEXANDER, JANE DEBORAH	2,314,343	BOARD OF REGENTS OF		CORNING INCORPORATED	2,313,463
ALFA LAVAL AGRI AB	2,314,894	UNIVERSITY OF		COWAN, GEORGE	2,314,245
ALKIRE, JOHN C.	2,314,260	NEBRASKA	2,314,218	CRANE, VIRGINIA C.	2,315,549
ALSTERMARK, CHRISTER	2,314,490	BOEHRINGER INGELHEIM		CROWTHER, DONNA J.	2,314,502
ALVEBY, NILS	2,314,894	PHARMACEUTICALS INC.	2,315,113	CRUICKSHANK, GRAEME	
ALZA CORPORATION	2,313,458	BOESKEN, JAMES THOMAS	2,314,876	DUNCAN	2,314,484
ANDERSON, MARK L.	2,315,114	BORG, GUNNAR	2,314,099	CRUZ, LOURDES J.	2,314,686
ANDERSON, RALPH	2,314,235	BOSTROM, LORI L.	2,314,401	CUNNIUS, EDWARD L.	2,314,214
ANDERSSON, DICK	2,314,268	BOVA, JOHN CARL	2,312,759	CV TECHNOLOGIES INC.	2,314,453
ANDERSSON, STAFFAN	2,315,120	BOWEN, BENJAMIN A.	2,314,598	DALEMANS, WILFRIED L J	2,314,186
ARANYI, ERNIE	2,314,900	BRAUER, WOLFGANG	2,313,456	DALSGAARD, CARL-JOHAN	2,314,452
ARBAB, MEHRAN	2,314,897	BREAULT, RONALD W.	2,314,146	DANNER, DALE R.	2,314,181
ARIZONA BOARD OF REGENTS	2,314,510	BRENNER, ROLAND	2,314,269	DART, MICHAEL J.	2,315,117
ARIZONA BOARD OF		BRETON, LIONEL	2,314,092	DAVIDSON, CHRISTOPHER LEE	2,314,235
REGENTS, A BODY		BROWN, DAVID W.	2,314,487	DAVIS, WALTER LEE	2,314,184
CORPORATE, ACTING ON		BRUCE, WESLEY B.	2,314,598	DAVIS, WALTER LEE	2,314,217
BEHALF OF ARIZONA	2,314,238	BRUN, MARC G.	2,313,463	DE FILIPPIS, PIETRO	2,314,258
ASHBROOK, CLIFFORD L.	2,313,452	BRUUN-JENSEN, JORGEN	2,314,486	DEL FAVERO, ANGELO	2,314,258
ASTACAROTENE AB	2,314,407	BRYNS, BARBARA	2,314,079	DENHAM, WILLARD A.	2,312,062
ASTRAZENECA AB	2,314,452	BUREAUX, JOHN G.	2,314,245	DERBY RUBBER PRODUCTS	
ASTRAZENECA AB	2,314,490	BURLINGAME, ALMA L.	2,314,686	PTY. LTD.	2,314,216
ATMEL CORPORATION	2,314,249	BUSH INDUSTRIES, INC.	2,314,183	DIVERSINET CORP.	2,314,098
AVIDA, DAN	2,313,455	BUZOT, HERVE	2,314,336	DOCKNER, TONI	2,314,507
AXCAN PHARMA INC.	2,315,408	BYMARK, JERRY L.	2,314,256	DOLLINGER, MARKUS	2,314,334
AYEN, ERWIN	2,313,460	CAIRNS, MURRAY J.	2,312,288	DORMA GMBH + CO. KG	2,314,097
B D MEDICO GMBH	2,314,089	CAMERON, ANTHONY		DOU, QING PING	2,314,259
BAI, HAO	2,315,117	DUNCAN	2,314,350	DOWDY, STEVEN F.	2,314,267
BARKAN, MORDHAI	2,314,098	CANOVAS-DIAZ, MANUEL	2,314,328	DRAGSTEN, PAUL R.	2,314,716
BARTS AND THE LONDON NHS		CAPTAIN, LAURA	2,314,514	DREWES, MARK WILHELM	2,314,334
TRUST	2,314,343	CARDEON CORPORATION	2,314,228	DROSTE, HEINRICH	2,313,460
BASF AKTIENGESELLSCHAFT	2,314,233	CARDIAC PACEMAKERS, INC.	2,314,492	DUPONT PHARMACEUTICALS	
BASF AKTIENGESELLSCHAFT	2,314,507	CARDOZO, MARIO G.	2,315,113	COMPANY	2,314,401
BAUMGARTEL, FALKO	2,314,085	CARNEGIE MELLON		DURACELL INC.	2,314,079
BAUVER, WESLEY P., JR.	2,314,252	UNIVERSITY	2,314,188	DWYER, JOHN M., JR.	2,314,181
BAYER AG	2,314,324	CELANESE CHEMICALS		DYNEON LLC	2,314,240
BAYER		EUROPE GMBH	2,314,247	DYNEON LLC	2,314,256
AKTIENGESELLSCHAFT	2,313,456	CELANESE INTERNATIONAL		E.I. DU PONT DE NEMOURS	
BAYER		CORPORATION	2,314,247	AND COMPANY	2,314,080
AKTIENGESELLSCHAFT	2,314,334	CELANESE INTERNATIONAL		E.I. DU PONT DE NEMOURS	
BAYER		CORPORATION	2,314,402	AND COMPANY	2,314,081
AKTIENGESELLSCHAFT	2,314,491	CELLBOOK, INC.	2,314,260	E.I. DU PONT DE NEMOURS	
BEAN, WAYNE	2,314,487	CEPHALON INC.	2,314,259	AND COMPANY	2,314,084
BEAULIEU, PIERRE LOUIS	2,315,113	CERAMTEC AG INNOVATIVE		EATON, DOUGLAS	2,314,245
BECKER, FRED E.	2,314,146	CERAMIC ENGINEERING	2,314,497	EDEN, CHARLES W., JR.	2,313,454
BEDARD, JEAN	2,314,408	CERVERA, JAMES	2,314,079	EEL, ARNE	2,314,452
BETAGERI, RAJASHEKHAR	2,315,113	CHANG, HOON	2,314,250	EHRlich, PAUL P.	2,315,117
		CHOMIK, RICHARD S.	2,314,095	EISENHauer, KARL	2,314,180

## Index of PCT Applications Entering the National Phase

EISINGER, MAGDALENA G. ELECTRONICS FOR IMAGING, INC.	2,314,899 2,313,455	HEDLUND, BO E. HEDRICK, THOMAS F. HEIDINGSFELD, HERBERT HELFERICH, RICHARD J. HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE SOLICIT	2,314,716 2,314,214 2,313,456 2,314,182  2,314,245 2,314,268 2,314,247 2,314,490 2,314,865 2,314,324 2,315,117 2,314,260 2,314,493 2,314,877 2,314,079 2,314,453 2,313,462 2,314,328 2,314,898 2,314,564 2,312,289 2,314,686 2,314,230 2,314,325 2,314,407	KEREN, GAD KIM, JAE-YOEL KIMBERLY-CLARK WORLDWIDE, INC. KIMBERLY-CLARK WORLDWIDE, INC. KIMBERLY-CLARK WORLDWIDE, INC. KINCAID, JOHN F. KINGDON, CHRISTOPHER KIRSTEN, ROLF KITS, KAREL S. KLAMECKI, JOSEPH KLEBER, HANS-PETER KLEIN, THOMAS J. KNUDSEN, ARNE-NILS KOJIMA, YUICHI KOLB, ROBERT E. KOLB, ROBERT E. KOTTERHEIT, GUNTER KUBALEK, RICHARD W. KUREK, EDWARD A. KYOWA HAKKO KOGYO CO., LTD.	2,314,868 2,314,232  2,314,185 2,314,235 2,314,242 2,315,117 2,314,099 2,314,334 2,314,686 2,314,509 2,314,328 2,314,214 2,314,265 2,314,325 2,314,240 2,314,256 2,314,097 2,314,185 2,314,500  2,314,865
LAFERRIERE, CRAIG ANTONY JOSEPH LAFONT, ANTOINE LALLY, JOHN MARTIN LAMPE, DOROTHEA LARSON, KENNETH CURTIS LAVALLEE, JEAN-FRANCOIS LEARY, JAMES J. LEBOLD, SUZANNE A. LEE, HYUN-SEOK LEHMAN, CHRISTOPHER W. LEHR, STEFAN LENDER, ANDREAS LESKAR, PAUL A. LEVIN, JEFFREY A. LEWIS, RICHARD PAUL LI, SUMMING LI, YIHONG LIEPOLD, HELMUT LIESENFELDER, ULRICH LIGNELL, AKE LIN, KUEI-YING LIN, NAN-HORNG LINDSTEDT, EVA-LOTTE LING, LEI LIOTTA, DENNIS C. LITKA, ANTHONY F. LIU, TIANFANG LLINAS-BRUNET, MONTSE LOHMANN GMBH & CO. KG LOPATA, FRANCES G. L'OREAL LOTT, THOMAS JOSEPH LU, GUIHUA LUCHACO, DAVID G. LUNDBACK, ARNE LUNDBACK, ARNE LUNDBACK, ARNE LUNDBACK, ARNE LUTRON ELECTRONCIS CO., INC.	2,314,186 2,313,401 2,314,078 2,314,269 2,314,235 2,314,408 2,314,228 2,315,117 2,314,250 2,314,246 2,314,334 2,314,334 2,313,462 2,313,453 2,314,242 2,313,401 2,315,117 2,313,461 2,313,456 2,314,407 2,309,340 2,315,117 2,314,490 2,314,453 2,314,514 2,314,146 2,314,219 2,315,113 2,314,085 2,314,181 2,314,092 2,314,876 2,314,598 2,314,338 2,315,112 2,315,116 2,315,119 2,315,120  2,314,338 2,315,117 2,314,217 2,314,228 2,314,325 2,315,118				
FRESNEL, ERIC FRESNEL, ERIC FRITZ, CHRISTIAN FUERY, CAROLINE J. FUTURISTIC TILE L.L.C. GABRIEL, JOCHEN GALEMMO, ROBERT A., JR. GANAN CALVO, ALFONSO GARCIA-RAMIREZ, RAFAEL GARNER, FRANK GARREAU, HENRI L. GARVEY, DAVID S. GAVRILOVIC, MIHAILO GE BAYER SILICONES GMBH & CO. KG GENENCOR INTERNATIONAL, INC. GESTERMANN, FRITZ GIRERD-DUGUE, FLORENCE GLOBE METALLURGICAL, INC. GO, GIOK DIEN GOLDFARB, RONALD H. GOTO, TOSHIO GREIN, WOLFGANG GROSCH, GEORG HEINRICH GUDMUNDSON, BJORN GUDMUND GUNN, DAVID E. GUSTAFSSON, JORGEN GUSTAFSSON, JORGEN GUZMAN, LUZ-MARIA HADAS, NOAM HALLAWAY, PHILIP E. HALVARSSON, TORBJORN HAMILTON, TERRY L. HANAFI, FREDDY HANE, YUKIKO HANGZO, NIANGLAMCHING HANSON, GREGORY J. HANTSCHK, GUNTHER HARDER, WOLFGANG HARRIS, PETER B. HARTE, HORST HASHIGUCHI, SHOHEI HASHIMOTO, AKINORI HAUSMANN, KARLHEINZ HE, YUN HEATON, RALPH LESLIE JR.	2,314,091 2,314,091 2,309,212 2,312,288 2,314,895 2,314,089 2,314,401 2,315,121 2,315,118 2,314,509 2,313,401 2,315,117 2,314,341  2,314,264  2,313,950 2,314,491 2,314,092 2,314,262 2,314,345 2,314,259 2,314,334 2,313,460 2,314,233  2,314,102 2,315,117 2,314,870 2,314,872 2,309,212 2,314,100 2,314,716 2,314,490 2,314,079 2,314,276 2,314,898 2,314,249 2,314,716 2,314,873 2,314,233 2,314,079 2,314,873 2,314,564 2,314,877 2,314,084 2,315,117 2,314,876	INNOVATIVE COATINGS CORPORATION INTERGEN COMPANY INTERNATIONAL SECURITY PRODUCTS, INC. INTEX EXHIBITS INTERNATIONAL, L.L.C. ION SYSTEMS, INC. ISHIHARA, IWAMI ISHIKAWA, TOMOYASU ISIS PHARMACEUTICALS, INC. ISTITUTO PIRRI S.R.L. ITOH, KYOGO JAMES, WILLIAM M. JANI, JITESH P. JOHANSSON, STEFAN JOHNSON & JOHNSON CONSUMER COMPANIES, INC. JOHNSON & JOHNSON GMBH JOHNSON & JOHNSON RESEARCH PTY. LIMITED JONSSON, ANN KABUSHIKI KAISHA KENWOOD KABUSHIKI KAISHA KENWOOD KABUSHIKI KAISHA KENWOOD KADHIRESAN, V.A. KAIKO, ROBERT F. KALAMAZOO HOLDINGS, INC. KALBERER, HARTMUT KAMIYAMA, SAKAE KANG, HEE-WON KARLSSON, JONAS KARLSSON, TORGNY KASSAL, ROBERT JAMES KATOH, HISAKAZU KAUFHOLD, WOLFGANG KELCH, ROBERT H. KELLIS, JAMES T., JR.	2,314,487 2,314,225  2,313,454 2,313,457 2,314,083 2,314,325 2,314,564 2,309,340 2,315,408 2,312,289 2,314,225 2,314,259 2,315,111  2,314,899 2,314,336  2,312,288 2,314,870  2,314,189 2,314,493  2,314,877 2,314,492 2,314,893 2,314,274 2,314,497 2,314,898 2,314,232 2,314,102 2,314,268 2,314,081 2,314,877 2,313,456 2,314,243 2,313,950		

## Index des demandes PCT entrant en phase nationale

MANNESMANN AKTIENGESELLSCHAFT	2,313,460	OPTIDENT INTERNATIONAL LTD.	2,314,215	RONKAINEN, DIANE	2,314,181
MARIETTI, GARY J.	2,314,897	OSTMAN, MATTIAS	2,315,112	ROSENDALE, GLEN A.	2,314,249
MARUZEN PETROCHEMICAL CO., LTD.	2,314,898	OSTMAN, MATTIAS	2,315,116	ROSSI, KAREN ANITA	2,314,401
MATSUDA, SHOJI	2,314,877	OSTMAN, MATTIAS	2,315,119	ROWLAND, BARRY	2,314,484
MATSUI, MASAKAZU	2,314,325	OTTO JUNKER GMBH	2,314,265	RYTHER, KEITH	2,315,117
MATTEUCCI, MARK D.	2,309,340	PALERMO, PHILIP	2,314,896	S.L.P. LTD.	2,314,100
MAZUR, SARA	2,314,102	PANG, PETER K.T.	2,314,453	SAAB ERICSSON SPACE AB	2,315,111
MCCLAINE, ANDREW W.	2,314,146	PANGENE CORPORATION	2,314,246	SAFFEL, THOMAS C.	2,314,235
MCCULLOUGH, LAUGHLIN G.	2,314,502	PARSONAGE, EDWARD E.	2,314,240	SAITO, TOMOHIRO	2,314,877
MCFADDEN, ANDREA P.	2,314,214	PARSONAGE, EDWARD E.	2,314,256	SAMSON, WILFRED J.	2,314,228
MENDEL-HARTVIG, IB	2,314,870	PARTRIDGE, LESLIE W.	2,314,083	SAMSUNG ELECTRONICS CO., LTD.	2,314,232
MENDEL-HARTVIG, IB	2,314,872	PATEL, USHA R.	2,315,113	SAMSUNG ELECTRONICS CO., LTD.	2,314,250
MICKE, BRIAN P.	2,314,341	PATERSON, GRAHAM H.	2,312,062	SANSO', GIOVANNI	2,315,408
MIKI, RYOJI	2,314,325	PATHAK, SAROJ	2,314,249	SCHAFFNER, CLEMENS	2,313,461
MILLENNIUM PHARMACEUTICALS, INC.	2,309,212	PATI, SUSHMA	2,314,246	SHELLENBERGER, VOLKER	2,313,950
MILLER, CLINTON ERNEST	2,314,216	PAYNE, JAMES E.	2,314,249	SHESTOPOL, MARCUS A.	2,314,514
MILLER, PAUL F.	2,314,252	PETERSEN, LARS-GORAN	2,314,891	SCHKERYANTZ, JEFFREY M.	2,315,117
MINEMATSU, FUMIAKI	2,314,877	PETERSEN, LARS-GORAN	2,315,112	SCHLACK, RICHARD E.	2,314,500
MINNESOTA MINING AND MANUFACTURING COMPANY	2,315,118	PETERSEN, LARS-GORAN	2,315,116	SCHLAISS, GUNTER	2,314,894
MINTZ, YARON	2,314,101	PETERSEN, LARS-GORAN	2,315,119	SCHMID, CHRISTOPH	2,314,094
MISSOURI BOTANICAL GARDEN	2,314,214	PETERSEN, LARS-GORAN	2,315,120	SCHNASE, JOHN L.	2,314,214
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,314,325	PETTIT, GEORGE R.	2,314,238	SCHULTE, KLAUS	2,314,894
MODER, SUSAN J.	2,314,185	PETTA, GEORGE R.	2,314,510	SCOTT, WILLIAM LEONARD	2,314,869
MOHR, JURGEN	2,314,507	PFUFF, HANS-GEORG	2,314,497	SEIBERG, MIRI	2,314,899
MOON, HI-CHAN	2,314,232	PHARCON CORPORATION	2,314,892	SES CANADA RESEARCH INC.	2,314,511
MORRIS, SAMUEL JAMES III	2,314,876	PHARMACIA & UPJOHN DIAGNOSTICS AB	2,314,870	SHAH, KISHORE R.	2,314,229
MOSS, NEIL	2,315,113	PHARMACIA & UPJOHN DIAGNOSTICS AB	2,314,872	SHAN, JACQUELINE J.	2,314,453
MOTOROLA, INC.	2,314,184	PHILLIPS, JERRY S.	2,314,487	SHANKS, ROBERT B.	2,314,181
MOTOROLA, INC.	2,314,217	PINTO, DONALD J. P.	2,314,401	SHAPIRO, STANLEY S.	2,314,899
MOUNTAIN, PATRICIA	2,314,245	PIONEER HI-BRED INTERNATIONAL, INC.	2,314,598	SHEALY, GLENN SCOTT	2,314,080
MROZEK, ALFONS	2,314,264	PIONEER HI-BRED INTERNATIONAL, INC.	2,315,546	SHELDON, L. WIDLE	2,314,273
MUHLEN, HEINZ-JURGEN	2,314,094	PIONEER HI-BRED INTERNATIONAL, INC.	2,315,549	SHEPPARD, STEPHEN RALPH	2,314,216
MUJUMDAR, RATNAKAR B.	2,314,188	PLAYTEX PRODUCTS, INC.	2,314,095	SHETTY, RESHMA	2,314,686
MULLER, FRIEDEMANN	2,313,456	POIRIER, MICHEL	2,314,866	SHICHIGO, SHIGEKI	2,312,289
MULLER, ULRICH	2,314,233	POLLA, MAGNUS	2,314,490	SHINJO, SOICHI	2,314,877
MULLET, WILLIS J.	2,314,901	POLYEITAN COMPOSITES LTD.	2,313,459	SHIRAIISHI, KENICHI	2,314,189
MURPHY, CARL DAVID	2,314,402	POLYHEAL LTD.	2,315,115	SHIRAIISHI, KENICHI	2,314,493
MYERS, RANDY ALLEN	2,314,334	POLZIN, ULF	2,314,089	SHIRAIISHI, KENICHI	2,314,877
MZE ENGINEERING FUR VERFAHRENSTECHNIK GMBH	2,314,183	POPOVIC-BERRSCHE, BRANKO	2,314,269	SHLUCKEBIER, DAVID K.	2,314,181
NADHERNY, JOANNE	2,313,950	PPG INDUSTRIES OHIO, INC.	2,314,897	SIEMENS AKTIENGESELLSCHAFT	2,313,461
NAKI, DONALD P.	2,313,950	PRIEELS, JEAN-PAUL	2,314,186	SIEMENS AKTIENGESSELLCHAFT	2,314,253
NALDINI, LUIGI	2,314,683	PROUDFOOT, JOHN ROBERT	2,315,113	SIEMENS AKTIENGESSELLCHAFT	2,314,269
NANOS, JOHN J.	2,314,511	QUALCOMM INCORPORATED	2,313,453	SIEPPI, JUKKA	2,314,263
NANOS, NIKITA J.	2,314,511	RANDO, ROBERT F.	2,314,408	SIGLER, DONALD H., JR.	2,314,487
NATH, GUNTHER	2,314,187	RASOR, GREGG EDWARD	2,314,217	SIGMA-TAU INDUSTRIE FARMACEUTICHE	
NAZARENKO, IRINA A.	2,314,225	RAUWENDAAL EXTRUSION ENGINEERING, INC.	2,314,903	RIUNITE SPA	2,314,328
NETZSCH-MOHNOPUMPEN GMBH	2,314,873	RAUWENDAAL, CHRIS J.	2,314,903	SIMAN, ROBERT	2,314,259
NICOLAU, IOAN	2,314,247	REIN, DIMITRI	2,313,459	SIMPSON, ALASTAIR JOHN	2,314,350
NIHON BAYER AGROCHEM K.K.	2,314,334	REMINGTON ARMS COMPANY, INC.	2,314,181	SIMROTH, DONALD W.	2,314,324
NISHIO, TOSHIKI	2,314,325	RENAULT, BEATRICE	2,314,092	SIMS, LYNNE E.	2,314,598
NITTO BOSEKI CO., LTD.	2,314,230	RHODES, MONTE R.	2,314,238	SINCLAIR, BARRY	2,314,215
NOTOMI, AKIRA	2,314,325	RICE, DOUGLAS A.	2,315,546	SINGER, JOSEF	2,314,253
NOVARTIS AG	2,314,078	RICHTER, ROGER TODD	2,312,759	SINGLETON, MICHAEL A.	2,314,082
NOVARTIS AG	2,314,489	RICKARDS, TOM	2,314,348	SLEEVEVER INTERNATIONAL COMPANY	2,314,090
OBON, JOSE MARIA	2,314,328	RIEBEL, HANS-JOCHEM	2,314,334	SLEEVEVER INTERNATIONAL COMPANY	2,314,091
OHGREN, MIKAEL	2,315,111	RIEBER, NORBERT	2,314,233	SMITH, ROBERT BROOKINGS	2,314,214
OLIVERA, BALDOMERO M.	2,314,686	RITTER, MARINA	2,315,115	SMITHKLINE BEECHAM BIOLOGICALS S.A.	2,314,186
O'NEAL, TIMOTHY L.	2,313,457	RITTER, VLADIMIR	2,315,115	SNYDER, JAMES P.	2,314,514
ONITSUKA, YOSHIMI	2,314,325	ROBBINS, WENDYE R.	2,314,326	SOKURENKO, WILLIAM E.	2,314,499
		ROBY, MARK S.	2,314,900	SONG, JIN-PING	2,314,683
		ROCKTEK LIMITED	2,314,341	SOSKA, GEARY VICTOR	2,314,874
		RODRIGUEZ, YAN	2,314,901		

## Index of PCT Applications Entering the National Phase

SOUTHCO, INC.	2,314,499	THERMO POWER		ZHANG, XIAOXIAO	2,314,489
SOUTHCO, INC.	2,314,500	CORPORATION	2,314,146	ZHOU, CHENGDONG	2,314,109
SPEAKMAN COMPANY	2,312,062	TIKHONOVA, NAILIA A.	2,314,895	ZUCK, MICHAEL G.	2,313,458
SRC COMPUTERS, INC.	2,313,462	TODD, ALISON V.	2,312,288		
STAMPE, DAVID	2,315,114	TODD, GEORGE N.	2,314,274		
STANLEY FASTENING		TOKI, BRIAN	2,314,510		
SYSTEMS, L.P.	2,314,082	TOVEY, H. JONATHAN	2,314,900		
STANLEY, EARL K.	2,314,262	TRIANGLE ENGINEERING			
STEVENS, BRADLEY DAY	2,314,243	CONSULTANTS LIMITED	2,314,350		
STOCKINGER, FRIEDRICH	2,314,078	TSAGAS, FOTIOS	2,314,454		
STONE, JEFFREY W.	2,314,181	TSAGAS, NICOLAOS	2,314,454		
STRANDLUND, GERT	2,314,490	TSUJITA, MASAHIRO	2,314,271		
STREUTKER, ALEN DAVID	2,314,876	TUAN, CHRISTOPHER Y.	2,314,218		
SUKHATME, VIKAS P.	2,312,287	TVK-ECOCENTER KFT.	2,313,012		
SUN, JENNY J.	2,314,109	UNITED SOIL RECYCLING	2,312,759		
SYNOPTIK A/S	2,314,486	UNITED STATES SURGICAL			
SZEKELY, TAMAS	2,313,012	CORPORATION	2,314,900		
TADROS, MAHER K.	2,314,218	UNIVATION TECHNOLOGIES			
TAGLIANI, LAURA A.	2,314,598	LLC	2,314,502		
TAKEDA CHEMICAL		UNIVERSIDAD DE SEVILLA	2,315,121		
INDUSTRIES, LTD.	2,314,564	UNIVERSITY OF PITTSBURGH			
TAKEMORI, TOSHIFUMI	2,314,898	OF THE			
TARO PHARMACEUTICALS		COMMONWEALTH			
U.S.A., INC.	2,314,868	SYSTEM OF HIGHER			
TAY, GEORGE I.	2,314,079	EDUCATION	2,314,259		
TAYLOR, E. JENNINGS	2,314,109	UNIVERSITY OF UTAH			
TECHNIQUE D'USINAGE		RESEARCH FOUNDATION	2,314,686		
SINLAB INC.	2,314,866	VAYKHANSKY, LEV	2,313,459		
TELEFONAKTIEBOLAGET LM		VENKATESAN, HARIHARAN	2,314,514		
ERICSSON	2,314,102	VERT, MICHAEL	2,313,401		
TELEFONAKTIEBOLAGET LM		VINTERBACK, LENA	2,314,870		
ERICSSON	2,314,263	VOGT, JUERGEN	2,314,078		
TELEFONAKTIEBOLAGET LM		VOIGT, KATHARINA	2,314,334		
ERICSSON	2,314,268	VOIGT, TILMAN	2,314,264		
TELEFONAKTIEBOLAGET LM		VON CHAMIER, WILFRIED	2,314,497		
ERICSSON	2,314,891	VOPEL, ULRICH	2,314,085		
TELEFONAKTIEBOLAGET LM		VORONKOV, MICHAEL V.	2,314,514		
ERICSSON	2,315,112	VRIJE UNIVERSITEIT	2,314,686		
TELEFONAKTIEBOLAGET LM		WAGGONER, ALAN S.	2,314,188		
ERICSSON	2,315,116	WALCH, ANDREAS	2,314,233		
TELEFONAKTIEBOLAGET LM		WALDENLIND, LENNART	2,314,452		
ERICSSON	2,315,119	WALKER, CRAIG	2,314,686		
TELEFONAKTIEBOLAGET LM		WALKINS, MAREN	2,314,686		
ERICSSON	2,315,120	WANG, TAO	2,314,247		
TELESYSTEMS CO., LTD.	2,314,271	WASHINGTON UNIVERSITY	2,314,267		
TELLABS OPERATIONS, INC.	2,314,219	WASIAK, JAMES T.	2,315,117		
THE CENTRE NATIONAL DE LA		WATANABE, YUKIYOSHI	2,314,334		
RECHERCHE		WAYNE-DALTON CORP.	2,314,901		
SCIENTIFIQUE	2,313,401	WEBER, ROBERT EMIL	2,314,235		
THE CLEVELAND CLINIC		WEBER, THOMAS P.	2,314,716		
FOUNDATION	2,313,401	WEIGL, JAMES	2,314,892		
THE DOW CHEMICAL		WETCHOLOWSKY, INGO	2,314,334		
COMPANY	2,314,243	WHALEN, DAVID WAYNE	2,314,876		
THE GOODYEAR TIRE &		WIENHOLT, WILLFRIED	2,313,461		
RUBBER COMPANY	2,314,874	WILDEN, SIEGFRIED	2,314,265		
THE PROCTER & GAMBLE		WILDMAN, SPENCER D.	2,314,181		
COMPANY	2,314,484	WINTERTON, LYNN COOK	2,314,078		
THE PROCTER & GAMBLE		WOLTERMAN, DAVID S.	2,314,181		
COMPANY	2,314,876	WOODNORTH, DOUGLAS J.	2,314,079		
THE REGENTS OF THE		WRIGHT, KEITH W.	2,314,341		
UNIVERSITY OF		YAGAMI, RICHARD	2,314,900		
CALIFORNIA	2,314,326	YAMAGUCHI, TETSUJI	2,314,325		
THE REGENTS OF THE		YAMAMOTO, SHIGEHARU	2,314,898		
UNIVERSITY OF		YAMAUCHI, YOSHITAKA	2,314,271		
CALIFORNIA	2,314,686	YOUNGMAN, PHILIP	2,309,212		
THE UNIVERSITY PARIS V	2,313,401	ZACHARIAS, DUANE K.	2,314,235		
THE UNIVESITY OF		ZADEH, BAGHER	2,314,099		
MONTPELLIER I	2,313,401	ZAHER, MAXIMILIAN	2,314,183		
THERIAULT, KENNETH T.	2,313,454	ZARLING, DAVID	2,314,246		
		ZENG, HONG	2,314,246		

## 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

AT&T CORP.	2,310,958	WAHL CLIPPER CORPORATION	2,313,433
AT&T CORP.	2,310,963	WAHL, GREGORY S.	2,313,432
BACKSTROM, REIJO	2,314,115	WAHL, GREGORY S.	2,313,433
BEZOS, ANGEL P.	2,314,717	WESTINGHOUSE AIR BRAKE	
BOUCHARD, JEAN GUY	2,314,718	COMPANY	2,314,717
BOWKER, DUANE OLIVER	2,310,958	Westphalen, Karl-Otto	2,314,121
BOWKER, DUANE OLIVER	2,310,963	WHEELER, CHARLIE	2,314,586
CONSTANTINEAU, SERG	2,314,718	WIKBERG, TOM	2,314,115
CREDLER, BENNETT GIBBON	2,314,327	WILLIAMS, ROGER D.	2,313,871
DAUMER, WILLIAM RICHARD	2,310,958	Wuerzer, Bruno	2,314,121
DAUMER, WILLIAM RICHARD	2,310,963	YANO, HISASHI	2,314,130
Eicken, Karl	2,314,121		
ELSTON, ANDREW	2,313,432		
ELSTON, ANDREW	2,313,433		
GOETZ, NORBERT	2,314,121		
HAARALA, JORMA	2,314,115		
HABERMAN, JOEL IRA	2,313,990		
HABERMEHL, G. LYLE	2,312,292		
HAIKALA, HEIMO	2,314,115		
HARREUS, ALBRECHT	2,314,121		
HART, JAMES E.	2,314,717		
HATA, MASAHARU	2,314,419		
HONKANEN, ERKKI	2,314,115		
IMPERIAL OIL LIMITED	2,313,990		
JAPAN ENERGY CORPORATION	2,314,130		
KAIMAI, TAKASHI	2,314,130		
KASAHARA, KEISUKE	2,314,130		
KAWAMURA, KUNIAKI	2,314,130		
LANCER CORPORATION	2,314,327		
LAUGHLIN, RICHARD LOGUE	2,314,327		
MAYEKAWA MFG. CO., LTD.	2,314,130		
NIPPON TELEGRAPH AND			
TELEPHONE			
CORPORATION	2,314,419		
NORE, PENTTI	2,314,115		
NTT MOBILE			
COMMUNICATIONS			
NETWORK INC.	2,314,419		
ODUT, STEVE	2,314,586		
ORION-YHTYMA OY	2,314,115		
OVERFIELD, ROBERT EDWARD	2,313,990		
PAUL, GERHARD	2,314,121		
PELLETIER, GILLES	2,314,718		
PNEUMAFIL CORPORATION	2,313,871		
RHEINHEIMER, JOACHIM	2,314,121		
ROBBINS, WINSTON KARL	2,313,990		
SAKAMOTO, MASAYUKI	2,314,419		
SCHROEDER, ALFRED A.	2,314,327		
SHELBY, KEVIN ALAN	2,310,958		
SHELBY, KEVIN ALAN	2,310,963		
SINGER, HOWARD M.	2,310,958		
SINGER, HOWARD M.	2,310,963		
TACIUK, GORDON	2,314,586		
TACIUK, WILLIAM	2,314,586		
TEMBEC INDUSTRIES INC.	2,314,718		
TRUDEL, LAURENT JOSEPH			
YVON	2,314,718		
VOGELBACHER, UWE JOSEF	2,314,121		
WAHL CLIPPER CORPORATION	2,313,432		