



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Alteration Of Name In Register 103

**Applications Lapsed, Refused Or Withdrawn
Patents Ceased or Expired 101**

Assignments Registered 102

Corrigenda 103

Extensions of Time, Section 223 102

General Information

*For Information on the following please see our website www.ipaustralia.gov.au
or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) and the Supplement to the AOJP reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal & supplement to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

(i) FILING -

This is the act of making an application. When the application is first filed certain details are published.

(ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

(iii) ACCEPTANCE –

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

(iv) OPPOSITION –

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

(v) GRANTING –

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

(vi) CERTIFICATION

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want (eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

Document Numbering in the **Australian Official Journal of Patents**

Australian provisional applications are assigned a 2 letter code followed by 4 digits. This is a unique series of numbers. Australian patent applications are assigned a unique series of 5 digit numbers followed by the year of lodgement at filing. At acceptance the application is assigned a 6 digit number, this again is a unique series of numbers.

1. Provisional Applications are given a 2 letter code followed by 4 unique numbers
e.g. PR1326
2. Standard Complete applications (including Petty patents) are given a 5 digit number. Followed by the year of lodgement
e.g. 56490/99
3. At acceptance Standard Completes (including Petty patents) are given a 6 digit number
e.g. 698745

Document Numbering in the **Supplement to the Australian Official Journal**

Australian patent applications are assigned a 10 digit number at filing. Each Australian application will retain the same number throughout its life. The first four numbers of the application will be the year of lodgement followed by a unique series of numbers.

1. Provisional Applications are given a 10 digit number, this is the year of lodgement followed by a '9' then a series of unique numbers.
e.g. 2012907896
2. Standard Complete applications are also given a 10 digit number. Standard Completes are identified by 4 digit year of lodgement followed by a '2' or '3' then a series of unique numbers. Innovations are identified by the 4 digit year of lodgement followed by a '1' then followed by a unique series of numbers.
e.g. 2011236254 (Standard Complete)
e.g. 2011158589 (Innovation)

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234.
A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

The Journal lists the information published in that category in an alphabetical Name Index list based on the name of the applicant. These indices are useful if you wish to find information about applications made by a particular applicant.

In addition to the Name Index there is provided, for each of these categories, a Numerical Index This index lists the applications either in order of their Application Numbers, in the case of complete applications filed and applications OPI, or in order of their Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.

There are also IPC Indices provided for applications which are OPI and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the application numbers of the application which are now OPI or the numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

Using the Indices

1. To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
Inventors <u>names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

2. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

(10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

(20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

(30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

(40) Date(s) of making available to the public

- (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.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

(60) Reference(s) to other legally related domestic document(s)

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

Proceedings under the Patents Act 1990

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

Applications Lapsed, Refused Or Withdrawn
Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

Code	Meaning
1	Application Lapsed Section 142(2)(a) \S 47(C)\
3	Application Lapsed Section 142(2)(c) \S 52B(3)\
4	Application Lapsed Section 142(2)(d) \S 47D(1)\
5	Application Lapsed Section 142(2)(e) \S 53\
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2) \Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C \R 7B(3)\
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1) \S 37\
13	Application Withdrawn Section 141(2)/Reg. 13.1C \Section 141(3)/Reg. 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application refused
17	Application Lapsed Regulation 22.2B(2)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
N	Applications Not Open to Public Inspection

708204 (14)	708717 (14)	709220 (14)
710047 (14)	710386 (14)	711048 (14)
711055 (14)	711187 (14)	711696 (14)
712240 (14)	712242 (14)	712244 (14)
713558 (14)	714845 (14)	717026 (14)
717149 (14)	717855 (14)	718905 (14)
719144 (14)	720591 (14)	721317 (14)
722711 (14)	723730 (14)	724128 (14)
724177 (14)	724794 (14)	725384 (14)
725412 (14)	726406 (14)	726954 (14)
727006 (14)	727491 (14)	727612 (14)
729265 (14)	730624 (14)	731028 (14)
731333 (14)	731863 (14)	732673 (14)
734320 (14)	734352 (14)	734741 (14)
735557 (14)	736297 (14)	736314 (14)
736557 (14)	736728 (14)	737173 (14)
737559 (14)	737690 (14)	739842 (14)
740131 (14)	740614 (14)	741432 (14)
741523 (14)	742871 (14)	743092 (14)
743230 (14)	745178 (14)	745179 (14)
745822 (14)	746093 (14)	746318 (14)
746551 (14)	746989 (14)	747125 (14)
747263 (14)	747343 (14)	747493 (14)
748881 (14)	751346 (14)	751633 (14)
751683 (14)	752082 (14)	754801 (14)
756291 (14)	757745 (14)	758605 (14)
759854 (14)	759877 (14)	760826 (14)
761229 (14)	761857 (14)	761959 (14)
763198 (14)	763506 (14)	763718 (14)
764217 (14)	764951 (14)	765375 (14)
765459 (14)	765843 (14)	766044 (14)
767097 (14)	767429 (14)	767430 (14)
768045 (14)	768216 (14)	768667 (14)
768721 (14)	770223 (14)	770545 (14)
770945 (14)	771309 (14)	771355 (14)
771813 (14)	771883 (14)	771917 (14)
772963 (14)	773592 (14)	775156 (14)
776569 (14)	776824 (14)	776998 (14)
778682 (14)	778745 (14)	778834 (14)
778903 (14)	780103 (14)	780392 (14)
780462 (14)	780541 (14)	780990 (14)
781239 (14)	781770 (14)	782221 (14)
782288 (14)	782841 (14)	783011 (14)
783420 (14)	783765 (14)	784715 (14)
784719 (14)	784858 (14)	785094 (14)
785129 (14)	785204 (14)	
655126 (14)	662251 (14)	664122 (14)
666586 (14)	667618 (14)	668420 (14)
669251 (14)	669592 (14)	670153 (14)
670825 (14)	671173 (14)	671490 (14)
671528 (14)	671877 (14)	671883 (14)
672630 (14)	672682 (14)	673035 (14)
673240 (14)	673393 (14)	673901 (14)
673916 (14)	673937 (14)	674622 (14)
675478 (14)	675535 (14)	676699 (14)
676863 (14)	677038 (14)	677507 (14)
677633 (14)	678407 (14)	678412 (14)
679015 (14)	680163 (14)	682031 (14)
683626 (14)	683629 (14)	686122 (14)
686580 (14)	689586 (14)	690636 (14)
690977 (14)	691163 (14)	692140 (14)
692540 (14)	692686 (14)	692768 (14)
693544 (14)	693777 (14)	694172 (14)
694632 (14)	694865 (14)	696494 (14)
698162 (14)	698528 (14)	698729 (14)
698852 (14)	699304 (14)	700286 (14)
703241 (14)	703251 (14)	703999 (14)
704357 (14)	704515 (14)	705427 (14)
705924 (14)	706209 (14)	707872 (14)

Extensions of Time, Section 223

Applications Received

Notice of opposition under Section 223(6) to the undermentioned application(s) for an extension of time may be lodged at the Patent Office within the prescribed time.

763009 **Space Data Corp.** An application to extend the time from 7 Jun 2011 to 7 Aug 2013 in which to pay a renewal fee has been lodged . Address for service in Australia - George Ritchie PO Box 1866 Chandler Arizona 85244 1866 USA

765551 **Sunbeam Corp. Ltd.** An application to extend the time from 26 Oct 2009 to 12 Jul 2013 in which to pay a renewal fee has been lodged . Address for service in Australia - Freehills Patent Attorneys Level 43 101 Collins Street MELBOURNE VIC 3000

Assignments Registered

672715 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

673921 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

687515 ITW Limited The patent has been assigned to **SPG Packaging UK Ltd**

687688 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

690737 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

691968 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

705558 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

714625 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

722431 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

724640 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

725971 Outokumpu Base Metals Oy The patent has been assigned to **Outotec Oyj**

727233 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

728011 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

732502 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

733276 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

733494 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

735624 Outokumpu Oyj The patent has been assigned to **Outotec**

Assignments Registered - cont'd

Oyj

738376 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

740314 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

744752 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

749609 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

753891 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

755227 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

758411 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

758756 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

759940 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

764676 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

765620 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

766465 ITW Limited The patent has been assigned to **SPG Packaging UK Ltd**

769540 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

771155 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

773241 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

774452 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

775369 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

776665 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

777665 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

777986 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

777990 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

778204 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

Assignments Registered - cont'd

779304 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

779605 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

780147 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

780996 Outokumpu Oyj The patent has been assigned to **Outotec Oyj**

784845 Xigen, SA The patent has been assigned to **Xigen Inflammation Ltd.**

Alteration Of Name In Register

674107 Outokumpu Engineering Contractors Oy The name of the patentee(s) has been changed to **Outotec Oyj**

686250 Outokumpu Engineering Contractors Oy The name of the patentee(s) has been changed to **Outotec Oyj**

687946 Outokumpu Engineering Contractors Oy The name of the patentee(s) has been changed to **Outotec Oyj**

694493 Outokumpu Engineering Contractors Oy The name of the patentee(s) has been changed to **Outotec Oyj**

703707 Outokumpu Engineering Contractors Oy The name of the patentee(s) has been changed to **Outotec Oyj**

709139 Wenmec Systems Oy The name of the patentee(s) has been changed to **Outotec Oyj**

710138 Outokumpu Technology Oy The name of the patentee(s) has been changed to **Outotec Oyj**

713150 Outokumpu Wenmec Oy The name of the patentee(s) has been changed to **Outotec Oyj**

714416 Wenmec Systems Oy The name of the patentee(s) has been changed to **Outotec Oyj**

721847 Outokumpu Technology Oy The name of the patentee(s) has been changed to **Outotec Oyj**

722692 Outokumpu Technology Oy The name of the patentee(s) has been changed to **Outotec Oyj**

726030 Outokumpu Technology Oy The name of the patentee(s) has been changed to **Outotec Oyj**

729278 Outokumpu Technology Oy The name of the patentee(s) has been changed to **Outotec Oyj**

730365 Outokumpu Technology Oy The name of the patentee(s) has been changed to **Outotec Oyj**

Corrigenda

In Vol 27, No 21, Page(s) 51 under the heading **Patents Ceased or Expired** Please delete all reference to Patent No. 782121