

Topic 9

Techniques for Accessing Databases: the IPDL (includes PAJs) & AIPN

Taro Daiko

Patent Information Policy Planning Office

Japan Patent Office

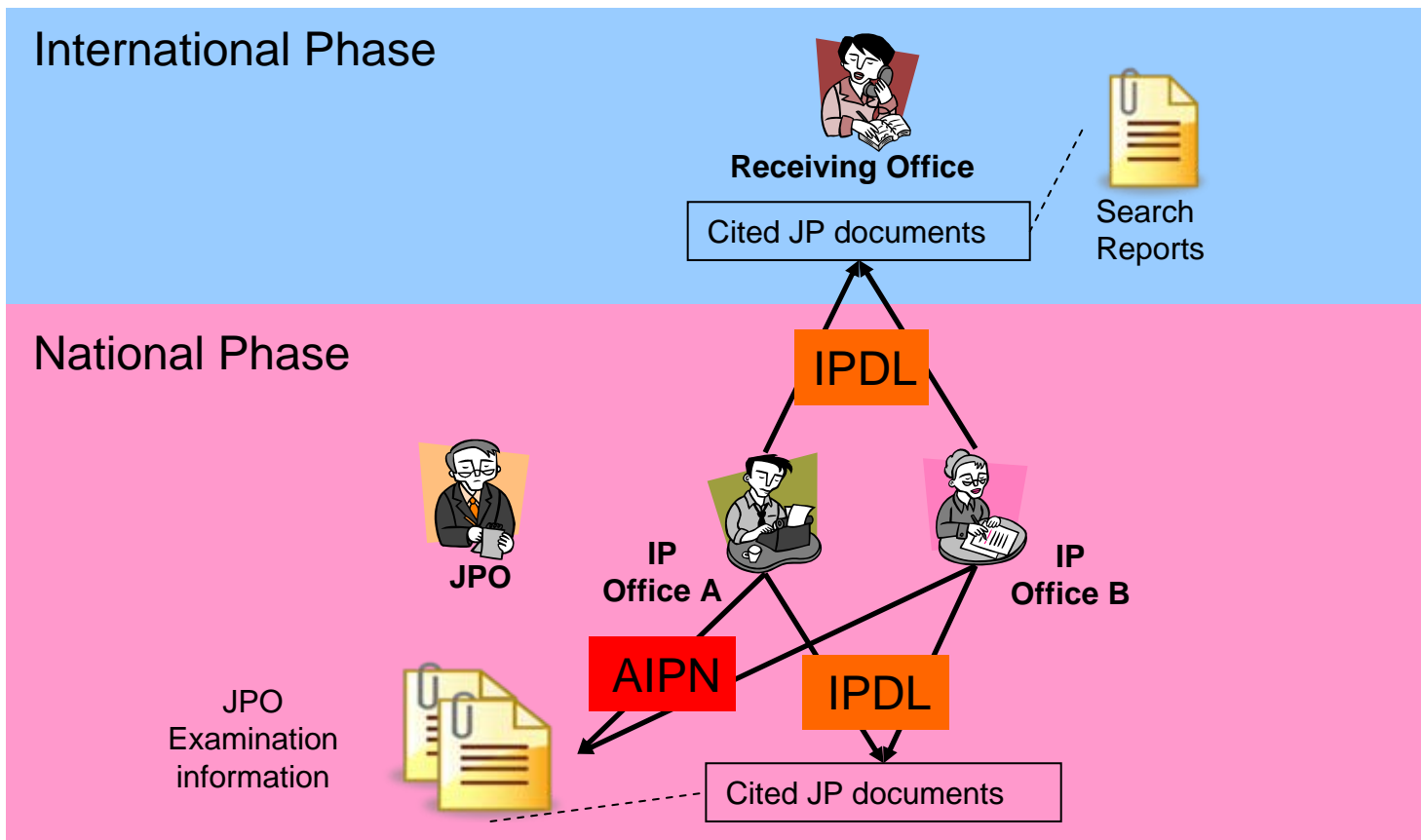
1. Importance of accessing databases
2. Services provided by the JPO
 - IPDL (including PAJs)
 - AIPN
3. Summary

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2. Services provided by the JPO
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1. Importance of accessing databases

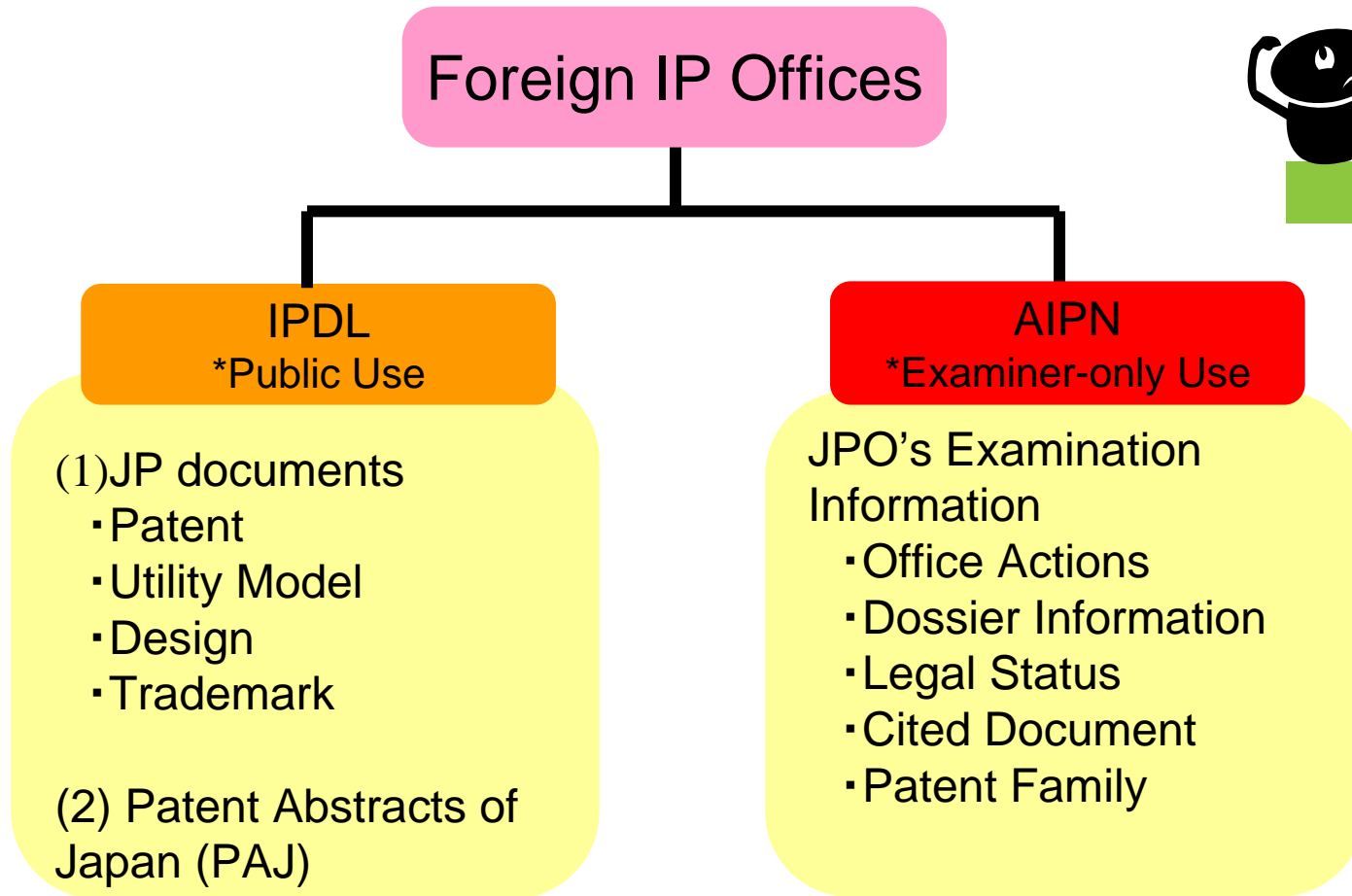
- Utilization of documents cited in international phases and national phases
- Utilization of examination information (File Wrapper Information) of other foreign patent offices

Accessing databases in IP Offices leads to work-sharing and efficient examinations in each IP Offices.



1. Importance of accessing databases

JPO provides two databases that can be accessed to obtain JP documents and JPO's examination information

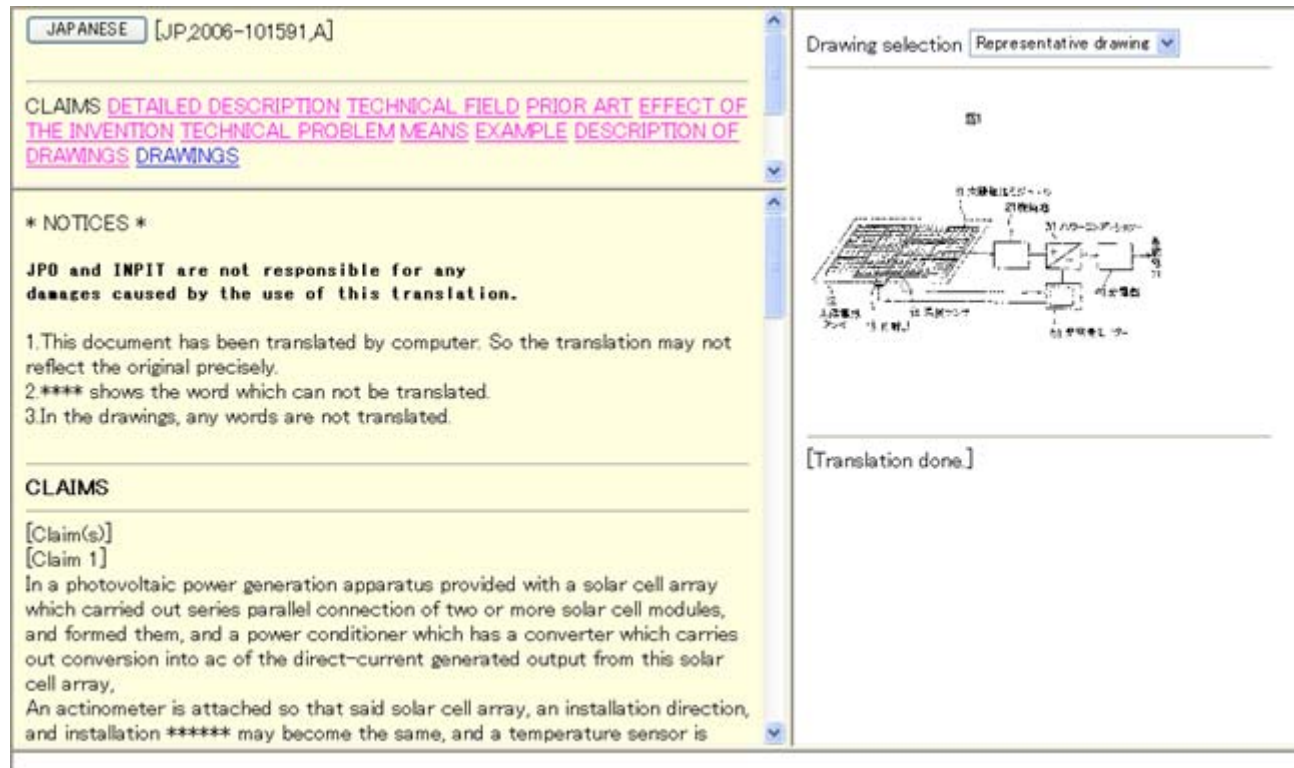


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Patent & Utility Model Gazette Database



- Patents and utility model gazettes can be searched by number and classification (FI/F term).
- All items of information (except drawings) are translated by machine.



The screenshot shows a search result for a patent document. The language is set to JAPANESE and the document number is JP,2006-101591,A. The page is divided into several sections:

- CLAIMS**: A list of links for different parts of the document: CLAIMS, DETAILED DESCRIPTION, TECHNICAL FIELD, PRIOR ART, EFFECT OF THE INVENTION, TECHNICAL PROBLEM, MEANS, EXAMPLE, DESCRIPTION OF DRAWINGS, and DRAWINGS.
- * NOTICES ***: A disclaimer stating that JPO and INPIT are not responsible for any damages caused by the use of this translation. It also includes three numbered notices: 1. This document has been translated by computer. So the translation may not reflect the original precisely. 2. **** shows the word which can not be translated. 3. In the drawings, any words are not translated.
- CLAIMS**: The text of Claim 1, which describes a photovoltaic power generation apparatus with a solar cell array and a power conditioner.

On the right side of the page, there is a section for drawing selection, currently set to "Representative drawing". Below this, a technical drawing is shown, which is a block diagram of a power generation system. The drawing includes a solar cell array, a power conditioner, and a power conditioner. The drawing is labeled with various components and their connections. Below the drawing, the text "[Translation done.]" is displayed.

An example of publications of unexamined patent applications

What is the IPDL?

IPDL = Industrial Property Digital Library

*URL:

http://www.ipdl.inpit.go.jp/homepg_e.ipdl



The screenshot shows the IPDL website interface. On the left, three colored boxes with arrows point to specific database sections: a yellow box for 'Patent & Utility Model Database' with 'Machine Translation' in red, a pink box for 'PAJ Database', and a blue box for 'Design Database' with 'Machine Translation' in red. On the right, a green box labeled 'Trademark Database' points to the 'Trademark' section. The website header includes the IPDL logo, the text 'Industrial Property Digital Library', and the INPIT logo. Navigation links for 'INPIT Home Page', 'JPO Home Page', and 'To Japanese Page' are visible. A main text block states: 'The Industrial Property Digital Library (IPDL) offers the public access to IP Gazettes of the JPO free of charge through the Internet.' Below this, there are three main database categories: 'Patent & Utility Model', 'Trademark', and 'Design'. Each category has a list of sub-links. The 'Patent & Utility Model' section includes 'Patent & Utility Model Gazette DB', 'Patent & Utility Model Concordance', 'FI/F-term Search', 'PAJ', and 'Patent Map Guidance'. The 'Trademark' section includes 'Japanese Trademark Database', 'Japanese Figure Trademarks', 'Japanese Well-Known Trademark', and 'List of Goods and Services'. The 'Design' section includes 'Design Gazette DB'. On the right side of the page, there is a 'News' section with a 'News' link, a 'Link' section with 'IPDL Links', and a 'Notice' section. An 'Access Total' box shows '2,854,762'.

IPDL's Database in English

1. Patent & Utility Model Database

Machine Translations

Patent & Utility Model DB
Patent & Utility Model Concordance
FI/F - term Search

Human translations

PAJs (Patent Abstracts of Japan) Search
Patent Map Guidance

2. Design Database

Machine Translations

3. Trademark Database

Database

(Bibliographic Data including information such as Dates and Numbers)

Japanese Trademark Database
Japanese Figure Trademarks
Japanese Well-Known Trademark
List of Goods and Services

- What are PAJs (Patent Abstracts of Japan)?

English abstracts of unexamined patent applications

Bibliographic Data

+

Abstract

+

Representative Drawing



A sample of PAJ



MENU SEARCH INDEX DETAIL JAPANESE NEXT MARK

1 / 2

PATENT ABSTRACTS OF JAPAN			
(11)Publication number:	2010-200678		
(43)Date of publication of application:	16.09.2010		
(31)Int.Cl.	A23K 1/18 (2006.01)	A23K 1/14 (2006.01)	A23K 1/00 (2006.01)
	A23K 1/168 (2006.01)		
(21)Application number:	2009-050101	(71)Applicant:	KAZAANA MZUO MURASHETA AYANO SATO YUJI
(22)Date of filing:	04.03.2009	(72)Inventor:	KAZAANA MZUO MURASHETA AYANO SATO YUJI

PAJ on IPDL



All abstracts in the PAJ are translated by human translators.

(54) **DOG FOOD AND METHOD FOR PRODUCING THE SAME**
 (57) Abstract
 PROBLEM TO BE SOLVED: To provide dog food improved in palatability and also ameliorating obesity or life style disease of a dog, and to provide a method for producing the dog food.
 SOLUTION: The dog food is produced by mixing water and papain enzyme to raw material containing wheat flour, and keeping the mixture warm at 45-95° C to activate the papain enzyme followed by baking the mixture. Through such a procedure, cook-like dog food is obtained. The amount of the papain enzyme added is 0.1-0.25 mass% based on the wheat flour and rice bran. The temperature when baking the raw material is 170-190° C.

Item	Content
Detailed info of application	[Kind of final decision/Grant] Date of final decision in examination stage(18.12.2009)
Registration info	4424624 (18.12.2009)
Registration fee info	(JP 2009)

- Legal status information includes 8 items below. If any one of them has any data, a number or a date would be indicated at the relevant part.
1. Filing info | Application number, Filing date |
 2. Publication info | Publication number, Publication date |
 3. Detailed info of application
 - * Kind of examiner's decision
 - * Kind of final decision
 - * Date of final decision in examination stage
 4. Date of request for examination
 5. Date of sending the examiner's decision of rejection | Date of sending the examiner's decision of rejection
 6. Appeal/trial info
 - * Appeal/trial number, Date of demand for appeal/trial
 - * Result of final decision in appeal/trial stage, Date of final decision in appeal/trial stage
 7. Registration info
 - * Patent number, Registration Date
 - * Date of extinction of right
 - * Renewal date of legal status

* Some of them have drawings.

Information on legal status

Purposes for issuing PAJs

- (1) To prevent unjustified establishment of rights in foreign countries
- (2) To function as minimum documentation when filing international applications to foreign offices
- (3) To promote technical transfer to developing countries

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Advanced Industrial Property Network

- ◆ The AIPN is a web-based service that can be accessed **only by examiners** in foreign IP offices.
- ◆ The AIPN provides **dossier information on and the legal status of** applications examined by the JPO.
- ◆ Information is translated into English by **Japanese-English machine translation**.
- ◆ The AIPN is a useful tool for **utilizing the JPO's examination results**.

*URL: <http://aipn.ipdl.inpit.go.jp/>

What is the AIPN?

Advanced Industrial Property Network (AIPN)

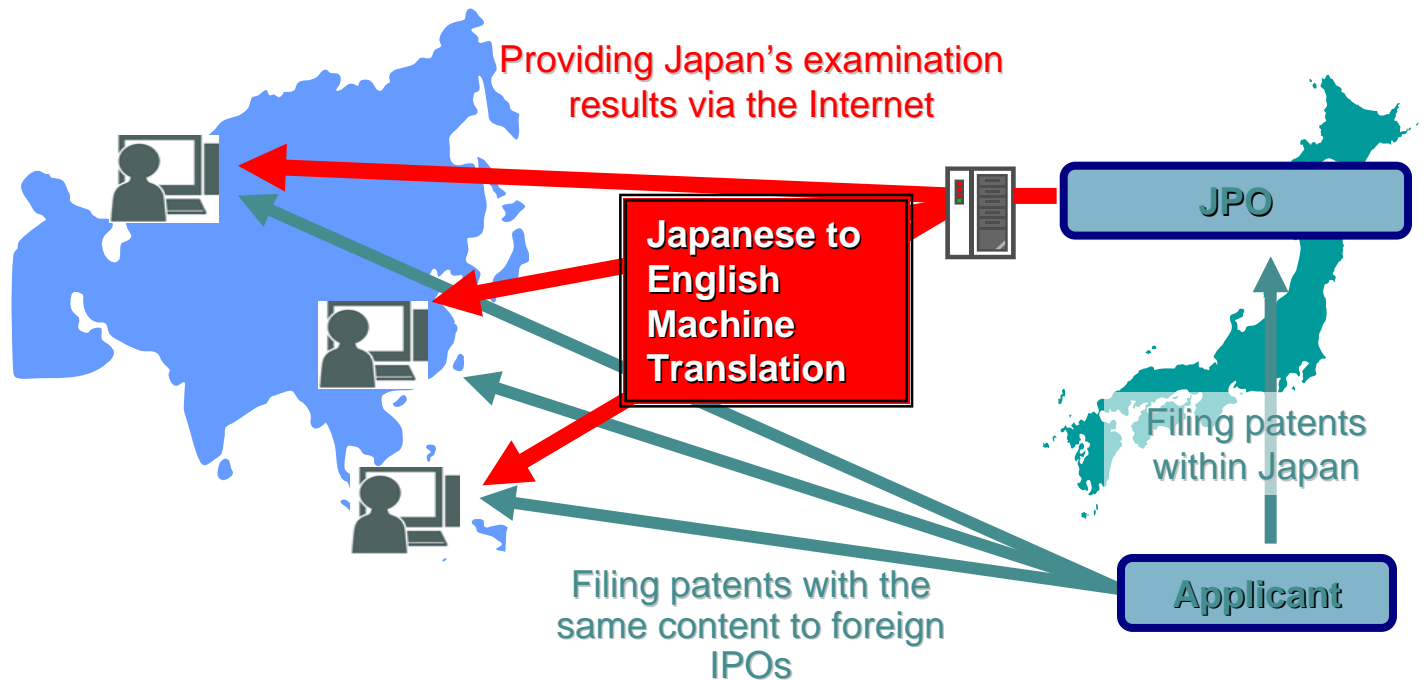
Provides information on applications and other information occurring in Japan



Enables Japan's examination results to be accessible to foreign IPOs in English

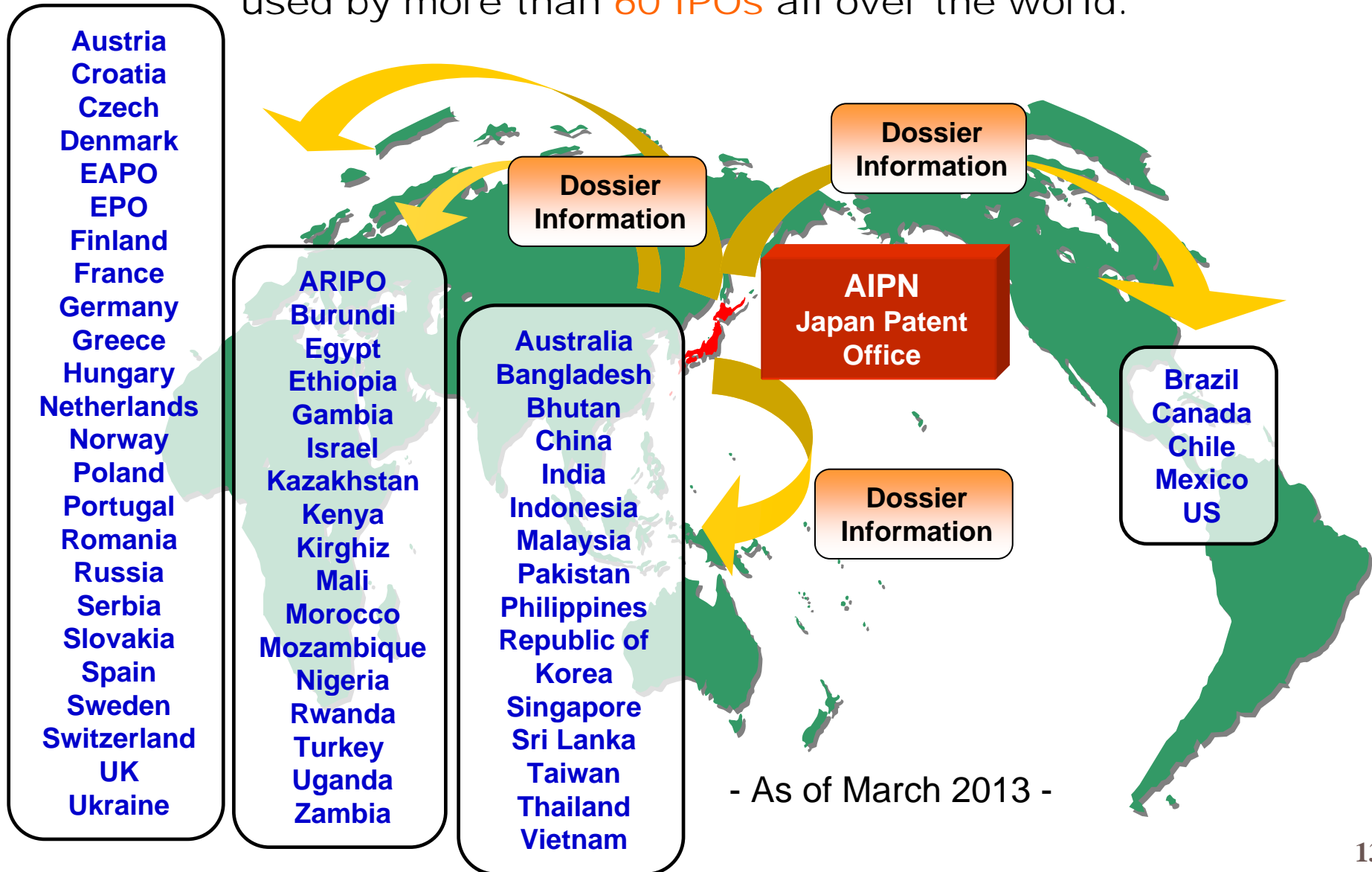
- (1) Mitigates examination workload in foreign IPOs
- (2) Helps applicants to easily/smoothly obtain IP rights

AIPN: Advanced Industrial Property Network



Registered IPOs

The AIPN, which began on October 12, 2004, is now used by more than **60 IPOs** all over the world.



Retrieving File Wrapper Information

RETURN TO TOP PAGE

HELP

STORED DATA

Number Search

Search from JAPANESE Application/Priority/Publication/Patent Number

Type

Document Number

e.g. Application/Priority Number : 2001-123456 or H13-123456
A, U, B, Y : 2001-123456 or H13-123456
A1 : WO1998-123456 or WO98-123456
U, B, Y : 3234567

Display type File Wrapper Information Patent Family

Note: Please select "Patent Family" when you search by PCT international publication number as corresponding file wrapper information is not directly accessible.

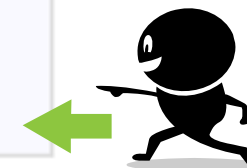
Search from OTHER Application/Priority Number

Application Number
Priority Number

e.g. : US-2003-668357, WO-1998-US012345

SEARCH

Search from JP No.
Application No.
Priority No.
Publication No.
Patent No.



[ENGLISH](#)

[JAPANESE](#)

[MISTRANSLATION](#)

[FEEDBACK](#)

**Note: Japanese environment is required to properly display Japanese characters.
You must install and use a TIFF image plug-in on your system in order to view image files directly.**

Patent application number 2003-123456

File Wrapper Document List – Click document title to display contents.
The dates in the list are shown in the format of “dd.mm.yyyy”

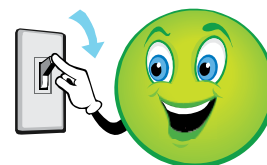
- [Application data and Transaction history](#)

1. [28.04.2003: Request for a Patent](#)
2. [28.04.2003: Description](#)
3. [28.04.2003: Drawings](#)
4. [28.04.2003: Abstract](#)
[-- . -- . ---- : -- Certified or Appended Information](#)
5. [14.02.2005: Request for Examination](#)
[-- . -- . ---- : -- Certified or Appended Information](#)
6. [28.09.2007: Search Report by Registered Searching Organization](#)
7. [01.10.2007: Assessment on Search Report by Registered Searching Organization](#)
8. [09.10.2007: Notification of Reasons for Refusal](#)
9. [05.12.2007: Written Withdrawal of Application](#)
[-- . -- . ---- : -- Certified or Appended Information](#)

[Translation done.]

Switching the Document List

You can switch the language!



ENGLISH **JAPANESE** MISTRANSLATION

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ENGLISH **JAPANESE** MISTRANSLATION FEEDBACK

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特許願2003-123456

以下リストに表示される日付は「dd.mm.yyyy」の形式で表示されます。

■ [出願マスタ基本項目](#)

1. [28.04.2003: 特許願](#)
2. [28.04.2003: 明細書](#)
3. [28.04.2003: 図面](#)
4. [28.04.2003: 要約書](#)
[-----: 認定・付加付情報](#)
5. [14.02.2005: 出願審査請求書](#)
[-----: 認定・付加付情報](#)
6. [28.09.2007: 検索報告書](#)
7. [01.10.2007: 検索外注利用状況票](#)
8. [09.10.2007: 拒絶理由通知書](#)
9. [05.12.2007: 出願取下書](#)
[-----: 認定・付加付情報](#)

Patent application number 2003-123456

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4. [28.04.2003: Abstract](#)
[-----: --- Certified or Appended Information](#)
5. [14.02.2005: Request for Examination](#)
[-----: --- Certified or Appended Information](#)
6. [28.09.2007: Search Report by Registered Searching Organization](#)
7. [01.10.2007: Assessment on Search Report by Registered Searching Organization](#)
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Patent application number 2003-123456

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The dates in the list are shown in the format of "dd.mm.yyyy"

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[-- . -- . ---- : -- Certified or Appended Information](#)
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Notification of Reasons for Refusal

[Translation done.]

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Disclaimer:

This English translation is produced by machine translation and may contain errors. The JPO, the INPIT, and those who drafted this document in the original language are not responsible for the result of the translation.

Notes:

1. Untranslatable words are replaced with asterisks (****).
2. Texts in the figures are not translated and shown as it is.

Translated: 1854:41 JST 11/19/2008

Notification of Reasons for Refusal

**English Text
(Machine Translation)**

- ① Application number: Application for patent 2003-123456
- ② Date of Drafting: Heisei 19(2007) October One day
- ③ Patent examiner: MIDORIKAWA, Takashi 2950 Five E00
- ④ Representative/Applicant: DOI, Kenji (and 1 others)
- ⑤ Applied Provisions: Patent Law Section 29(1), Section 29(2), Patent Law Section 36, **
37 Articles

This application should refuse for the following Reason. If there is opinion about this, please submit Written Argument within 60 days after the day of forwarding of this note.

Reason

Reason A -- this application is not satisfying the requirements specified to patent law Patent Law Section 37 in respect of the following

Reason B -- this application is not satisfying the requirements which a description of Claims is the following point



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3. How to use the services

AIPN
AIPN

PAJ

IPDL



Do you have any
questions?

AIPN

IPDL

Thankyou