
Best Practices in Effective Use of Information on Patent Examinations Conducted by JPO

**ASEAN SUB-REGIONAL WORKSHOP
September 6 to 7, 2012**

JAPAN PATENT OFFICE

- ***Current Efforts for Computerization***
- ***Effective Use of Information for Efficiency of Search/Examination***
- ***Dossier Access System for JPO examiner***
- ***Use of JPO's examination results (AIPN)***
- ***IP5's effort (One Portal Dossier)***
- ***Future Plan***

Current Efforts for Computerization

1. Reduced the Office Work Road

2. Effective Access to IP Information

Data Format Standardization (XML)

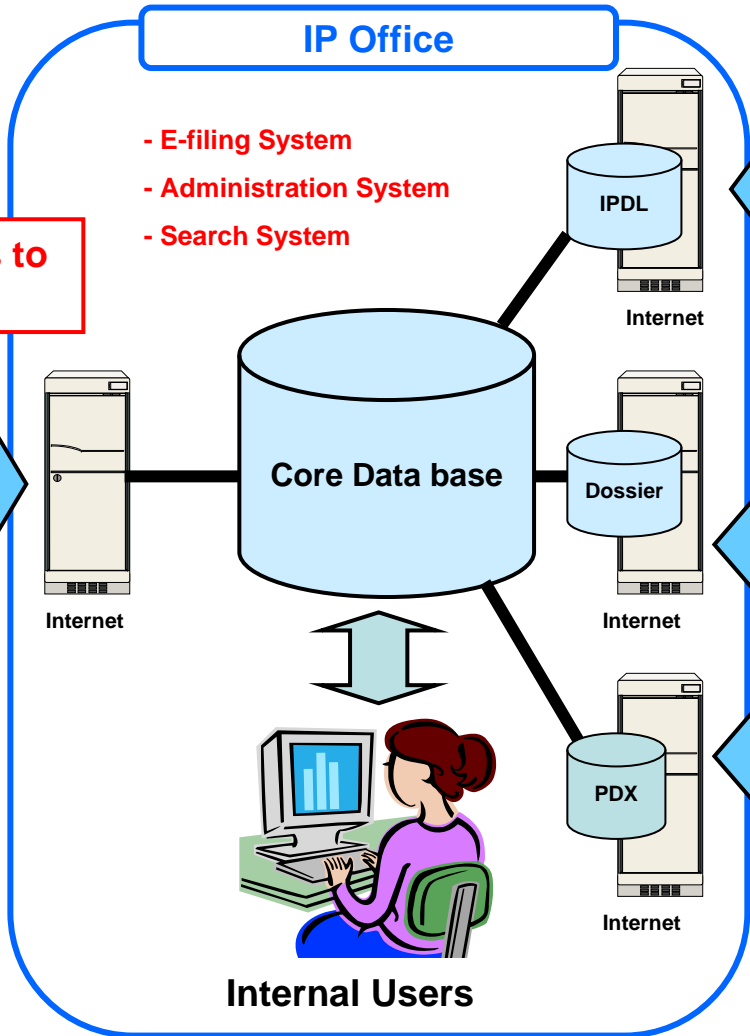
2. Effective Access to IP Information

Applicant/Attorney



- E-Filing System

Common Application Format (XML)



- E-filing System
- Administration System
- Search System

Users

- IPDL System
- Online Inspection System
- * Machine Translation

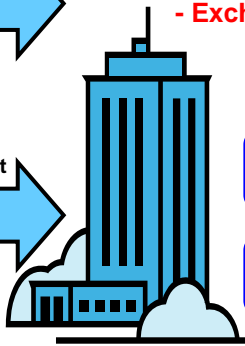
Dissemination of IP Information

3. Work sharing with other IP Office

File wrapper Information

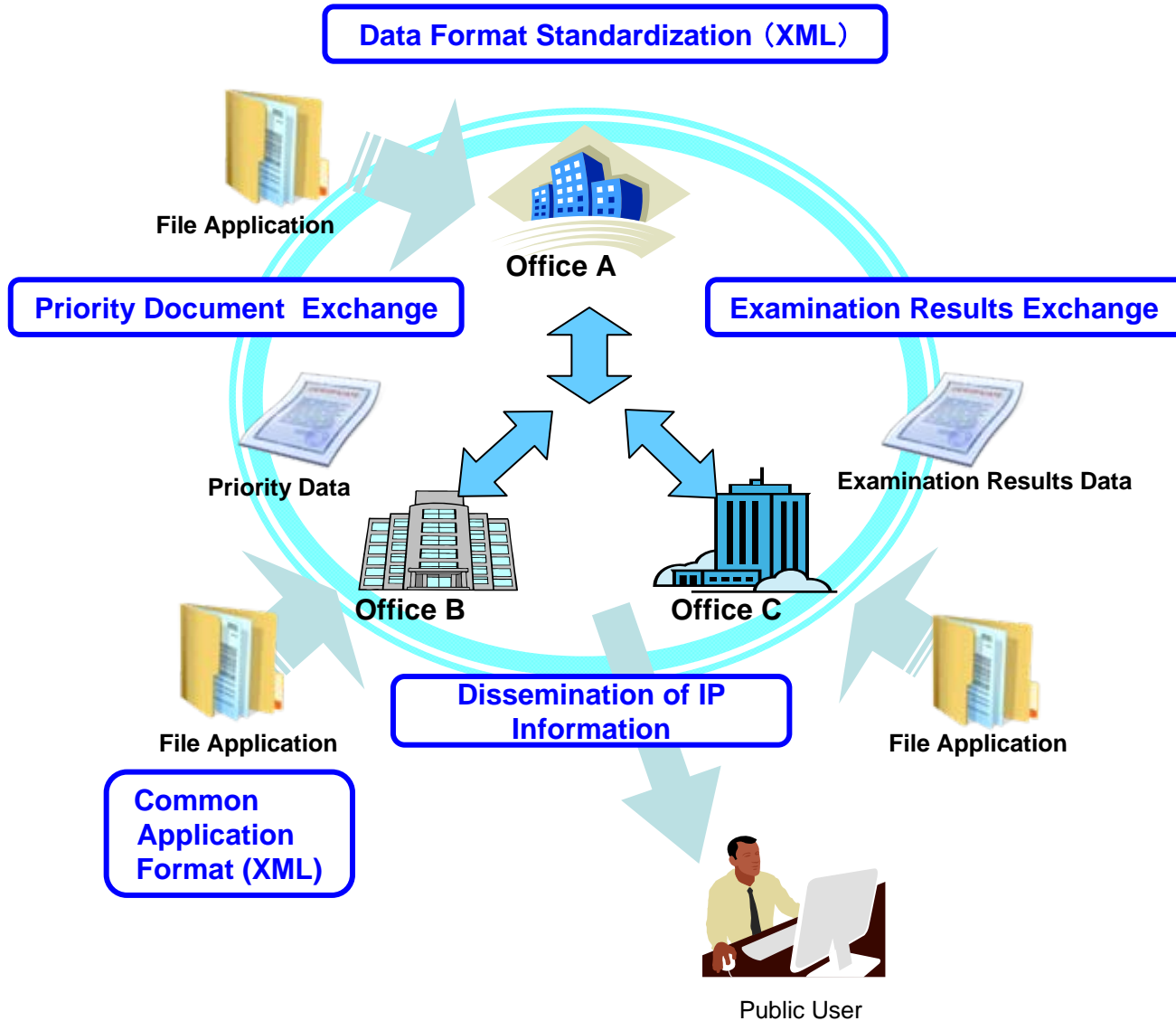
Priority Document

- Priority Document Exchange System
- Dossier Access System
- Exchange of Examination Result System



Priority Document Exchange

Examination Results Exchange

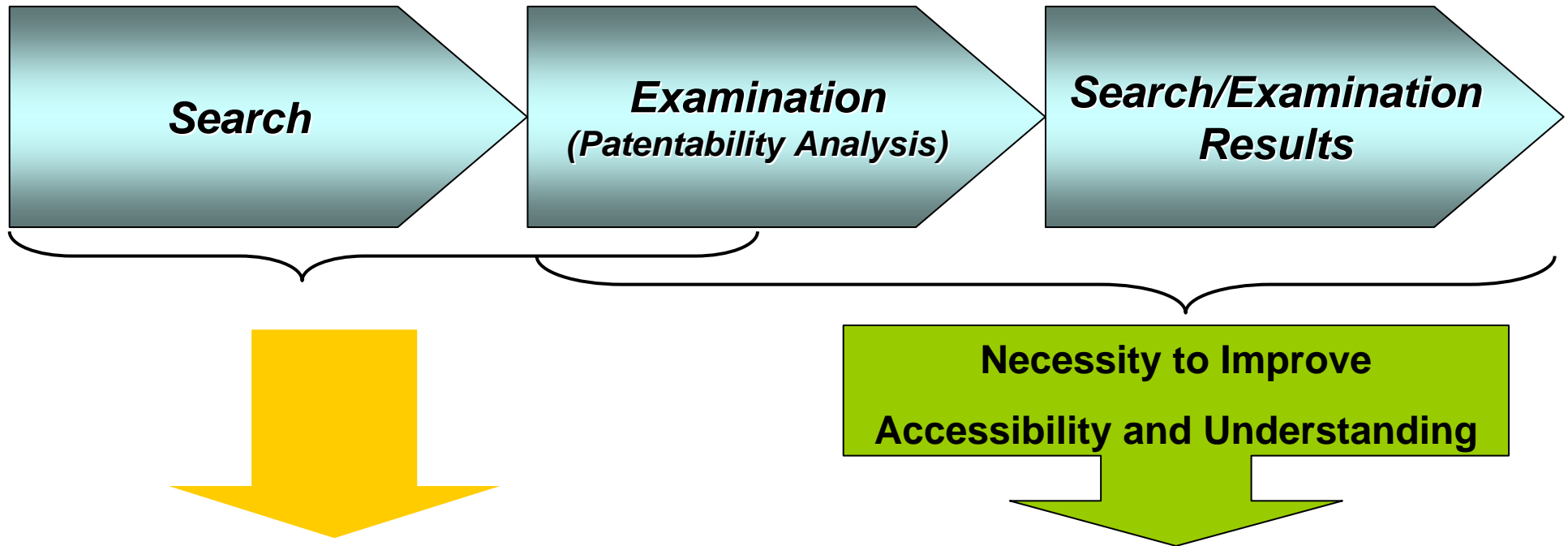


***Effective Use of Information
for Efficiency of Search/Examination***

JPO Guidelines for Exploitation of Search and Examination Results of Foreign Patent Offices

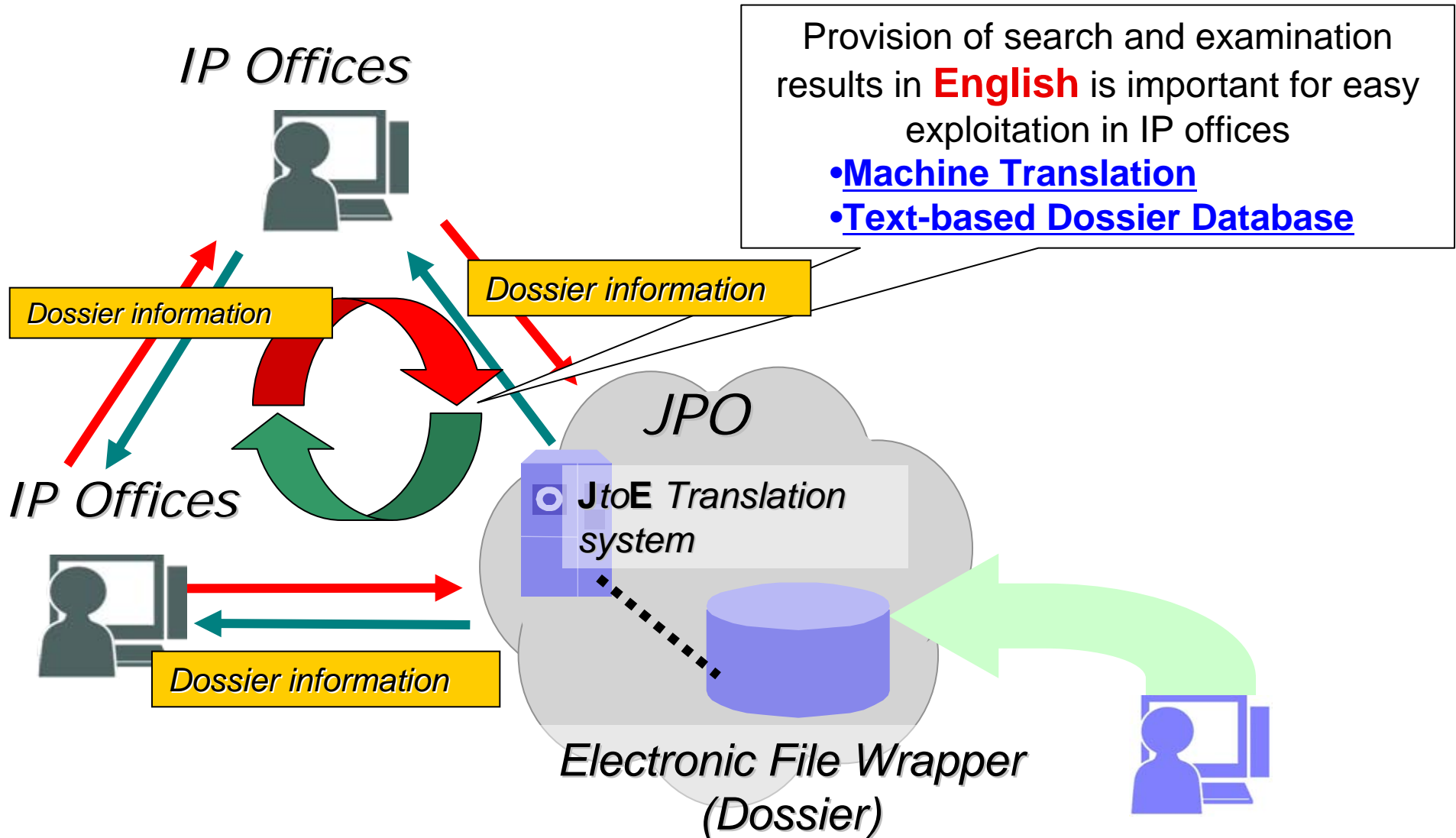
- i) The examiner shall refer to the prior art search results and examination results concerning the corresponding foreign application that have been provided by the foreign patent office. The examiner is not required to carry out an additional prior art search himself/herself if he/she considers it possible, based on his/her knowledge and experience, to conduct an examination precisely and efficiently by using such search results.
- ii) The examiner shall carry out an additional prior art search himself/herself where he/she considers it impossible, based on his/her knowledge and experience, to conduct an examination precisely and efficiently by using only prior art search results or examination results concerning the corresponding foreign application, which have been provided by the foreign patent office. In this case, unless the examiner considers it highly probable, based on his/her knowledge and experience, to find more significant prior art documents in the scope already searched by the examiner of the foreign patent office, the scope already searched by the foreign patent office shall be excluded from the scope of the additional search.

Patent Granting Procedure



- Search Indexes (Patent Classification)
- Search DBs

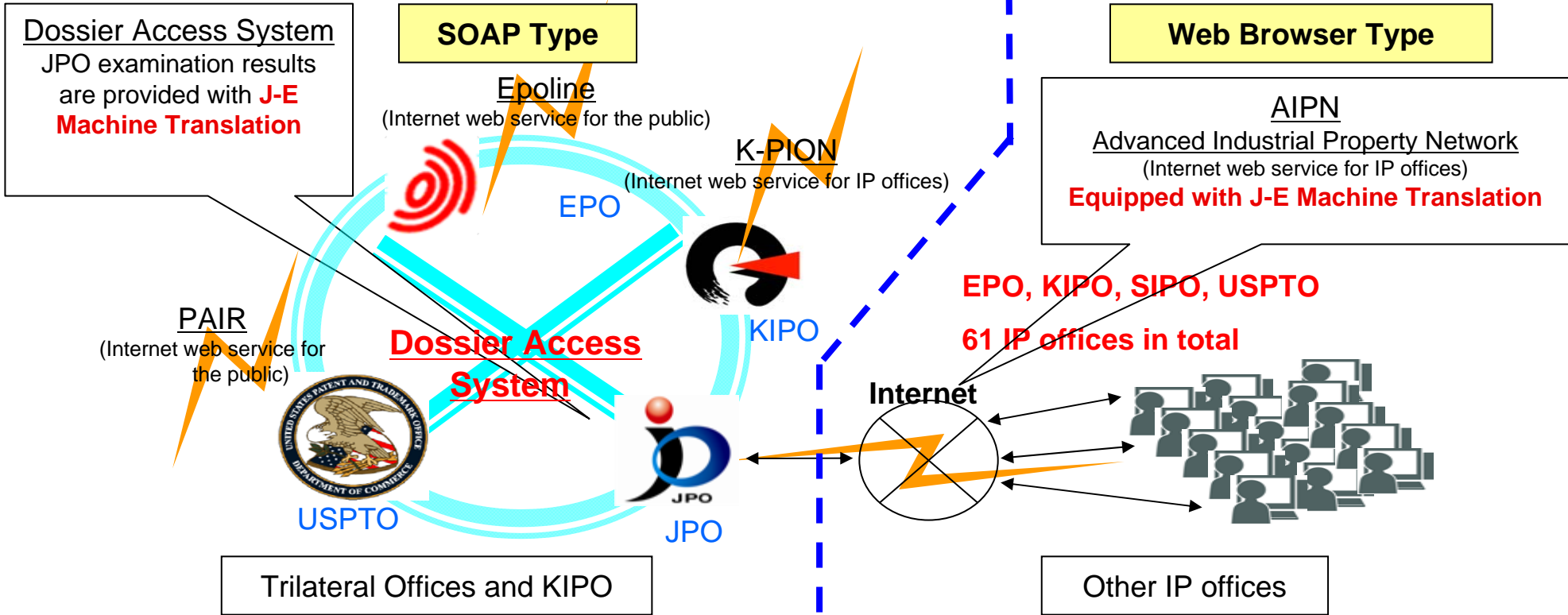
- Dossier Access System
 - FWA
 - Web-based Service (European Patent Register, PAIR, K-PION, etc)
 - ONE PORTAL DOSSIER**
- Machine Translation
- Common Citation Database



Web Browser Type and SOAP Type

	Advantage	Disadvantage	Appropriate User
<p>Web</p> <ul style="list-style-type: none"> ■ AIPN (JPO) ■ K-PION (KIPO) ■ Public Pair (USPTO) ■ European Patent Register (EPO) 	<ul style="list-style-type: none"> <input type="checkbox"/> Access with general browsers <input type="checkbox"/> No need to develop new system 	<ul style="list-style-type: none"> <input type="checkbox"/> Each office can not customize the user interface 	<ul style="list-style-type: none"> <input type="checkbox"/> Medium / Small Offices <input type="checkbox"/> Public
<p>SOAP</p> <ul style="list-style-type: none"> ■ TDA-FWA (JPO, KIPO, USPTO, EPO etc.) - FODAS (JPO) 	<ul style="list-style-type: none"> <input type="checkbox"/> Each office can customize the user interface 	<ul style="list-style-type: none"> <input type="checkbox"/> Need to develop the system 	<ul style="list-style-type: none"> <input type="checkbox"/> Big Offices <input type="checkbox"/> Information dissemination companies <input type="checkbox"/> Big companies

Dossier Access System



Dossier Access System

The information of search and examination results can be mutually referred among Trilateral Offices and between KIPO and JPO at real-time.

↓

Reduction of workload and contribution to accelerate examination by avoiding redundant searches

AIPN

Early provision of JPO examination results to other IP offices

↓

International contribution to other countries

Dossier Access System for JPO examiner

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Publication number **i** e.g. EP1883031

Application number **i** e.g. EP20070010825

Filing date **i** e.g. 20070919

Publication date **i** e.g. 20070919

Priority number **i** e.g. US20030423700

Priority date **i** e.g. 20070919

Applicant(s) **i** e.g. IBM

Inventor(s) **i** e.g. Siemens

Representative **i** e.g. vande gucht

K-PION (KIPO)

K-PION
Korean Patent Information Online Network

IPO : JP

Patent | Design | Trademark | PCT | My K-PION | K-PION Channel | Reference Material

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Patent File Wrapper Search

Type of Document	Number	
Application(Priority) <input type="button" value="v"/>	<input type="text"/>	<input type="button" value="Search"/>
ex) 1020060001162		

How to Search

K-PION offers a KOREAN to ENGLISH translation service of file wrapper information and publications for Patents/Utility Models applications. This service can be served by case numbers (Application Number, Unexamined Publication Number, Examined Publication Number, Registration Number)

K-PION also offers key-word search service for KPA (Korean Patent Abstract) in English. You can retrieve not only a KPA by English keyword and boolean operators (user's query) but also related official Gazettes, File wrapper information.

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- Korean IP Rights :: Patent : 10 , Utility Model : 20

When you have an application number 'patent, 1999-1234567'
Ex) Application + '1019991234567' and click "Search"

Registration Number

Public-Pair (USPTO)

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- Patent Number [i](#)
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- Publication Number [i](#)

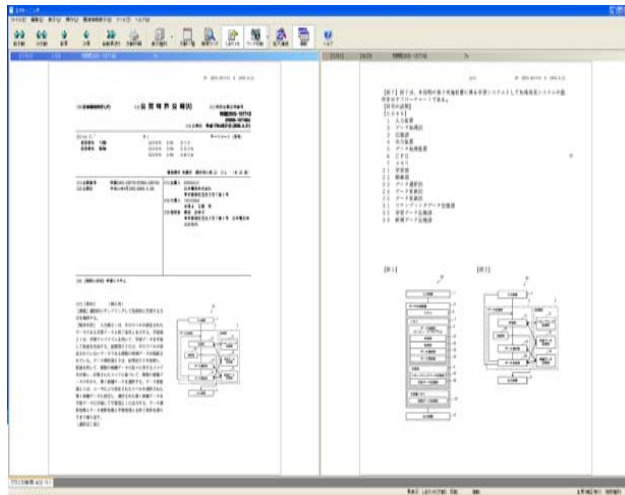
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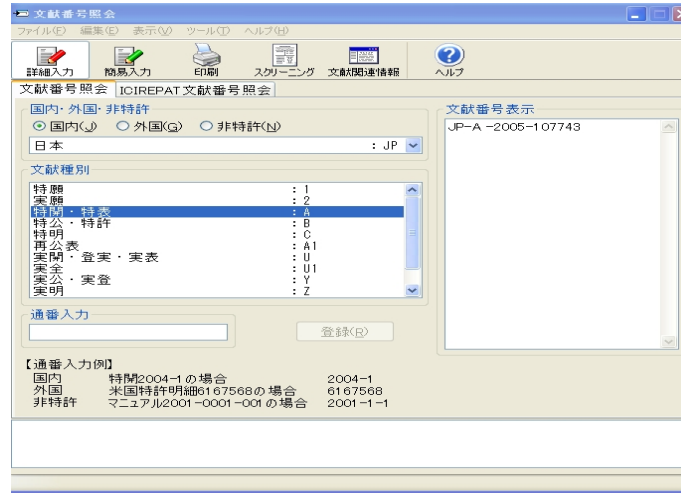
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- Send general questions about USPTO programs to the [USPTO Contact Center \(UCC\)](#).
- If you experience technical difficulties or problems with this application, please report them via e-mail to [Electronic Business Support](#) or call 1 800-786-9199.

TDA-FWA System for JPO Examiners (FODAS)

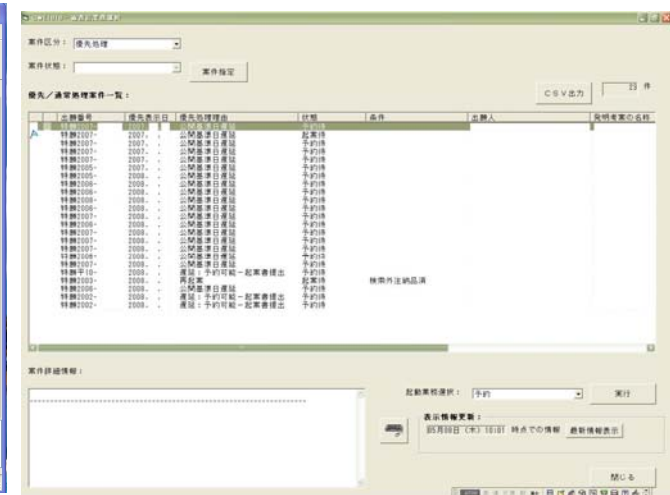
Collaboration with the other systems



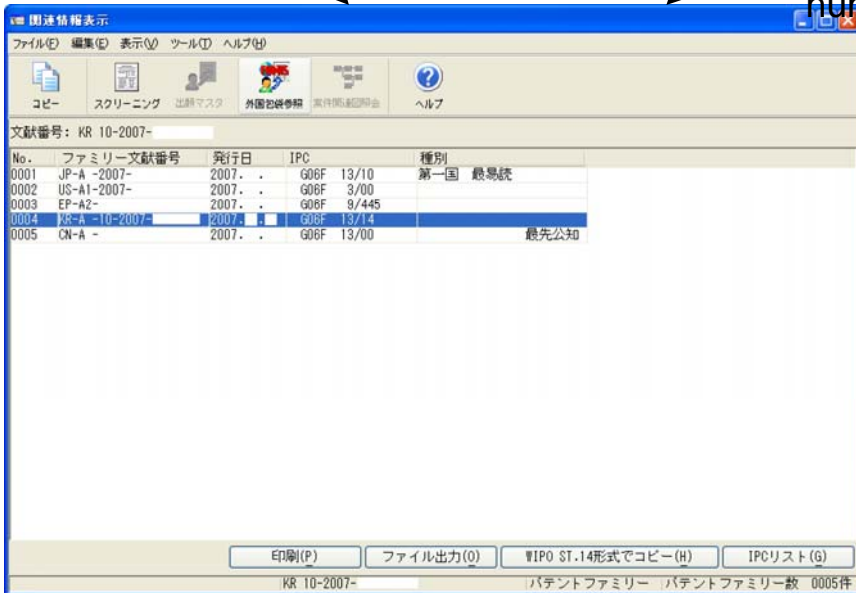
Screening



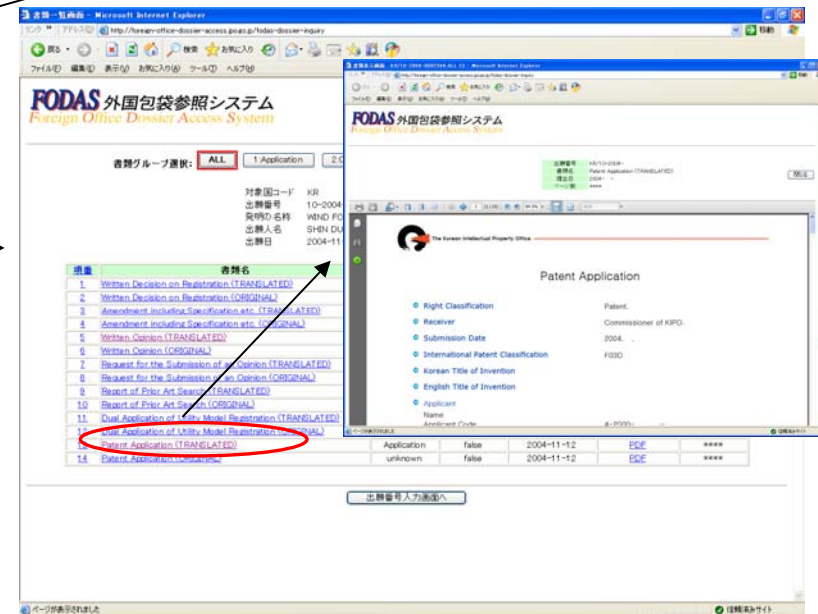
Inquiry of document number



List of application



Inquiry of patent family



FODAS 外国包袋参照システム Foreign Office Dossier Access System

ログアウト

書類グループ選択:

ALL

1:Application

2:Outgoing

3:Disclosures

4:Incoming

5:Notes/Search

unknown

対象国コード KR
出願番号 10-2004-
発明の名称
出願人名
出願日 2004- -

項番	書類名	書類グループ	非特許文献	提出日	書類フォーマット	ページ数
1	Written Decision on Registration (TRANSLATED)	Outgoing	false	2006- -	PDF	****
2	Written Decision on Registration (ORIGINAL)	unknown	false	2006- -	PDF	****
3	Amendment including Specification etc. (TRANSLATED)	Incoming	false	2006- -	PDF	****
4	Amendment including Specification etc. (ORIGINAL)	unknown	false	2006- -	PDF	****
5	Written Opinion (TRANSLATED)	Incoming	false	2006- -	PDF	****
6	Written Opinion (ORIGINAL)	unknown	false	2006- -	PDF	****
7	Request for the Submission of an Opinion (TRANSLATED)	Outgoing	false	2006- -	PDF	****
8	Request for the Submission of an Opinion (ORIGINAL)	unknown	false	2006- -	PDF	****
9	Report of Prior Art Search (TRANSLATED)	Incoming	false	2006- -	PDF	****
10	Report of Prior Art Search (ORIGINAL)	unknown	false	2006- -	PDF	****
11	Dual Application of Utility Model Registration (TRANSLATED)	Application	false	2004- -	PDF	****
12	Dual Application of Utility Model Registration (ORIGINAL)	unknown	false	2004- -	PDF	****
13	Patent Application (TRANSLATED)	Application	false	2004- -	PDF	****
14	Patent Application (ORIGINAL)	unknown	false	2004- -	PDF	****

出願番号入力画面へ

FODAS 外国包袋参照システム Foreign Office Dossier Access System

ログアウト

Machine Translation

書類グループ選択: **ALL** 1:Application 2:Outgoing 3:Disclosures 4:Incoming 5:Notes/Search unknown

対象国コード
出願番号
発明の名称
出願人名
出願日

FODAS 外国包袋参照システム Foreign Office Dossier Access System

出願番号 KR/10-2004-
書類名 Patent Application (TRANSLATED)
提出日 2004- -
ページ数 ****

閉じる

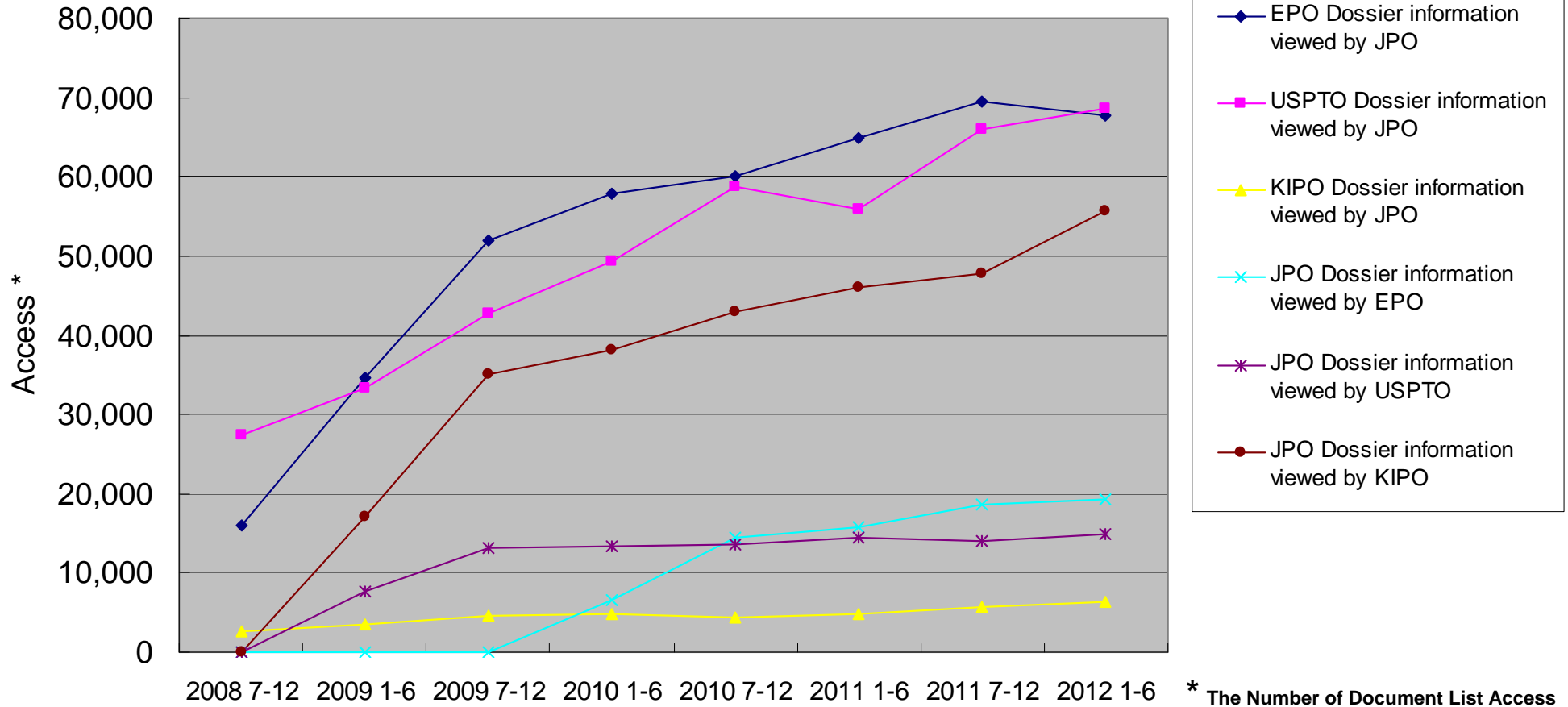
項番	書類名
1	Written Decision on Registration (TRANSLATED)
2	Written Decision on Registration (ORIGINAL)
3	Amendment including Specification etc. (TRANSLATED)
4	Amendment including Specification etc. (ORIGINAL)
5	Written Opinion (TRANSLATED)
6	Written Opinion (ORIGINAL)
7	Request for the Submission of an Opinion (TRANSLATED)
8	Request for the Submission of an Opinion (ORIGINAL)
9	Report of Prior Art Search (TRANSLATED)
10	Report of Prior Art Search (ORIGINAL)
11	Dual Application of Utility Model Registration (TRANSLATED)
12	Dual Application of Utility Model Registration (ORIGINAL)
13	Patent Application (TRANSLATED)
14	Patent Application (ORIGINAL)

The Korean Intellectual Property Office

Patent Application

- Right Classification: Patent.
- Receiver: Commissioner of KIPO.
- Submission Date: 2004.
- International Patent Classification: F03D
- Korean Title of Invention
- English Title of Invention
- Applicant

Dossier Information Mutual Access



Use of JPO's examination results (AIPN)

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AIPN Japan Patent Office

National Center for Industrial Property Information and Training

Advanced Industrial Property Network

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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

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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.
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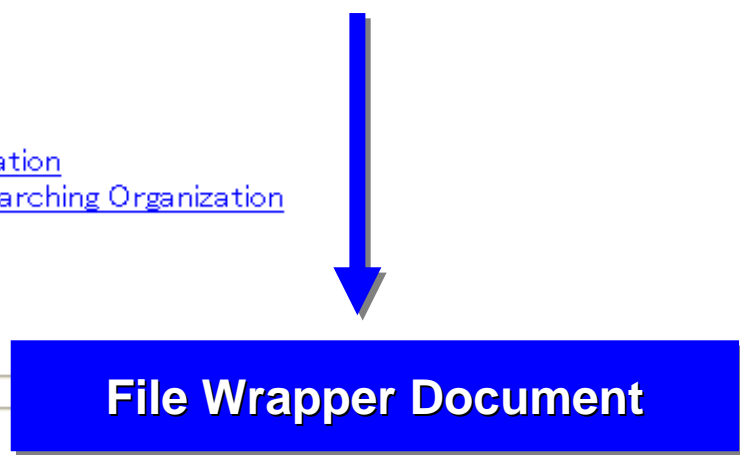
Patent application number 2003-123456

File Wrapper Document List - Click document title to display contents.
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- [Application data and Transaction history](#)



- [28.04.2003: Request for a Patent](#)
- [28.04.2003: Description](#)
- [28.04.2003: Drawings](#)
- [28.04.2003: Abstract](#)
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- [14.02.2005: Request for Examination](#)
[-- . -- . ---- : -- Certified or Appended Information](#)
- [28.09.2007: Search Report by Registered Searching Organization](#)
- [01.10.2007: Assessment on Search Report by Registered Searching Organization](#)
- [09.10.2007: Notification of Reasons for Refusal](#)
- [05.12.2007: Written Withdrawal of Application](#)
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Translated: 18:54:41 JST 11/19/2008

Disclaimer / Notes

Notification of Reasons for Refusal

English Text
(Machine Translation)

Japanese Text (Original)

- (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 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

Patent Family & Legal Status

National Center for Industrial Property Information and Training
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Searched Number : 2003-123456 Legal status, Cited documents

Patent Family

No.	Kind	Publication No.	Publ. Date	Application No.	Appl. Date	Related Information
1	A	JP 2004-164561	10.06.2004	JP 2003-0123456	28.04.2003	Legal s
2	B2	US 7014374	03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	1.2004	US 2003-0670120	25.09.2003	

Patent Family List

Legal Status, Cited Documents Application Number. JP 2003-0123456 File Wrapper Information

Legal Status Click "File Wrapper Information" for the latest status.

[Publication number]	2004-164561
[Date of request for examination]	14.02.2005
[Date of sending the examiner's decision of rejection]	
[Kind of final disposal of application other than the examiner's]	withdrawal
[Date of final disposal for application]	11.12.2007
[Patent number]	
[Date of registration]	
[Number of appeal against examiner's decision of rejection]	
[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	
[Trial or opposition number]	
[Date of demand for trial or opposition]	
[Kind of final disposal of trial or opposition]	
[Date of final disposal of trial or opposition]	
[Renewal date]	31.07.2008

Cited Documents

No.	Kind	Document No.	Patent Family
1	A	JP 07-98637	Patent Family
2	A	JP 2000-20275	Patent Family
3	A	JP 05-127850	Patent Family

Legal Status & Cited Document

Patent Abstract of Japan (PAJ)

English Translation of Full Document

Japanese Full Document

Advanced Industrial Property Network

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **2004-164561**
(43)Date of publication of application : **10.06.2004**

(51)Int.Cl. **G06F 3/12**
B41J 29/00
B41J 29/38
B41J 29/42
H04N 5/76

(21)Application number : **2003-123456** (71)Applicant : **SEIKO EPSON CORP**
(22)Date of filing : **28.04.2003** (72)Inventor : **HAMAGUCHI YOSHIHARU**
TORIGOE YUSUKE

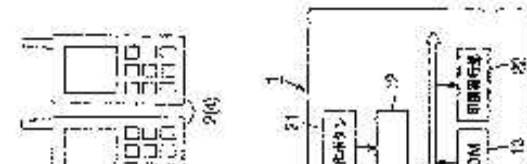
(30)Priority
Priority number : **2002279423** Priority date : **25.09.2002** Priority country : **JP**

(54) APPARATUS AND METHOD FOR REPRODUCTION CONDITION SETUP, AND REPRODUCTION OUTPUT APPARATUS

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an apparatus and a method for reproduction, which can perform recording processing for communication information from external devices without setup of reproduction conditions and acquire appropriate printing output by switching reproduction conditions using communication protocols of an external device to be connected.

SOLUTION: A setting value table 23 is stored in an EEPROM 15, and printing conditions for every identifier are set in the setting value table 23. When receiving communication



Screen of Translation Results of Gazette

[FULL CONTENTS](#) [CLAIM + DETAILED DESCRIPTION](#) [TECHNICAL FIELD](#) [PRIOR ART](#) [EFFECT OF THE INVENTION](#) [TECHNICAL PROBLEM](#) [MEANS DESCRIPTION](#) [DRAWINGS](#)

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CLAIM + DETAILED DESCRIPTION

[Claim(s)]

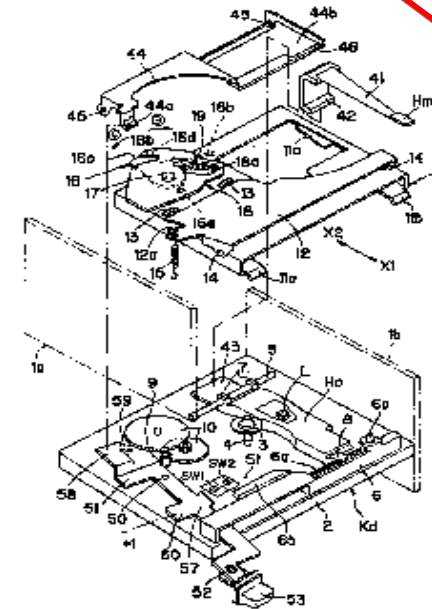
[Claim 1] If it has the mode change member which can be displaced between the disk blowdown mechanism which discharges the disk in a set state, and a playback mode position and a discharge mode position and the mode change member is manually displaced from a playback mode position to a discharge mode position, the equipment is characterized by being constituted so that the disk in a set state may be discharged by said disk blowdown mechanism.

[Claim 2] The head migration mechanism in which a head is ****(ed) to the set disk, If it has the mode change member which can be displaced between a reproduction mode position and a record mode position and

Machine-Translated Text

Drawing selection

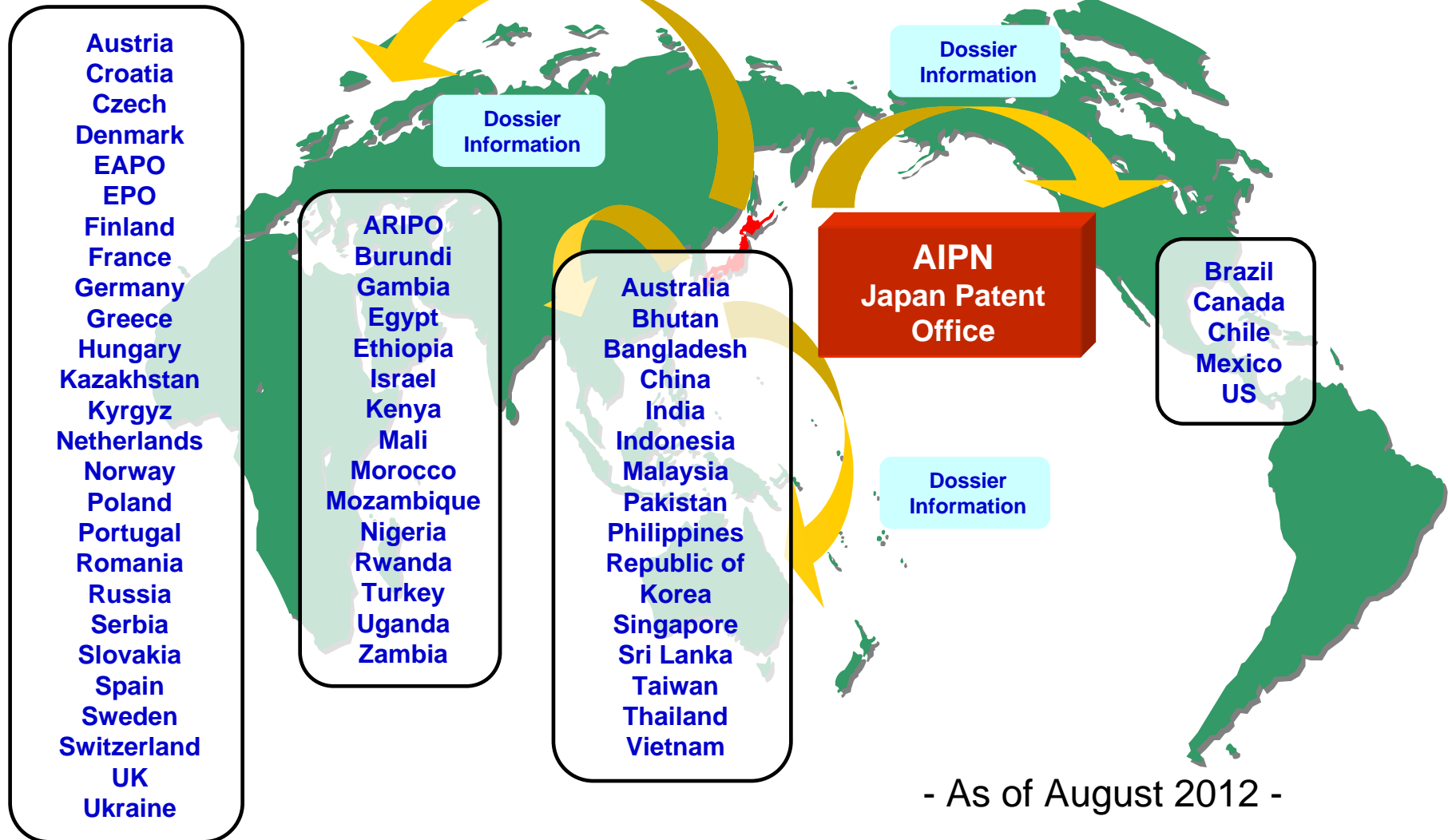
[Fig. 1]



Dossier Access System for Foreign Countries (AIPN)

Registered
IPOs

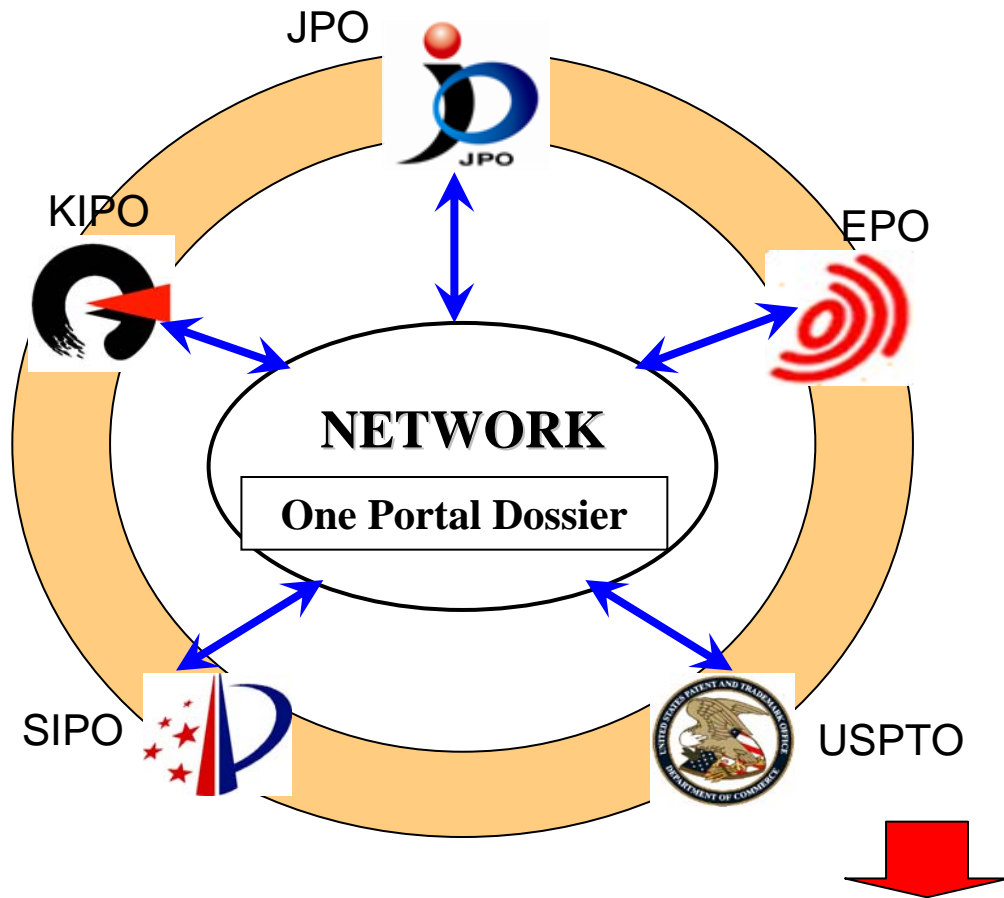
•The AIPN started on 12 October 2004, now it is used in 61 IPOs all over the world.



- As of August 2012 -

IP5's effort (One Portal Dossier)

One Portal Dossier (Concept)



<Image of One Portal Dossier>

① Enter priority number

② Display the status of all family applications

	CN	EP	JP	KR	US
App number
First Action	
Legal status			

③ Display the Office Action / Cited Document



One Portal Dossier provides legal status information of each office:

- National Phase Entry, First Action, etc.

Legal status information links to dossier access system of each office

GUI sample

EP12345678

OK

1. Input Application Number

1. All Documents		2. Application Documents		3. Office Actions		4. Applicant's Response		5. Citation		6. Classification	
EPO		JPO		KIPO		SIPO		USPTO			
App. No.	12345678	App. No.	2005-008213	App. No.	10-1234567	App. No.	20051234567	App. No.	10/123456		
Date	Documents	Date	Documents	Date	Documents	Date	Documents	Date	Documents		
17/Sep/2010	*****	16/Sep/2010	*****	**/**/****	*****	**/**/****	***	**/**/****	*****		
//****	*****							**/**/****	****		

2. Display Information of All Patent Family

Original Language

English MT

拒絶理由通知書

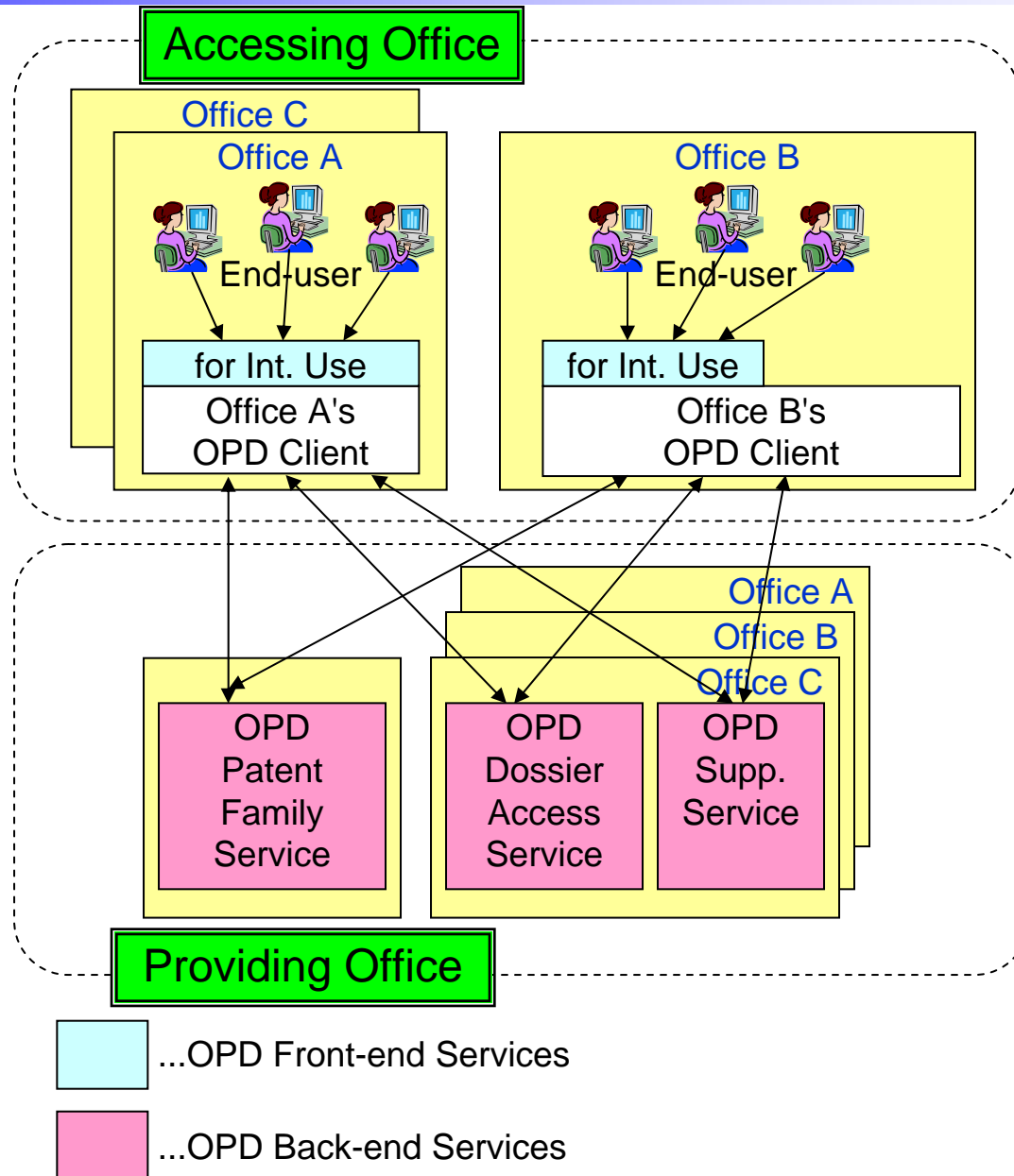
理由:

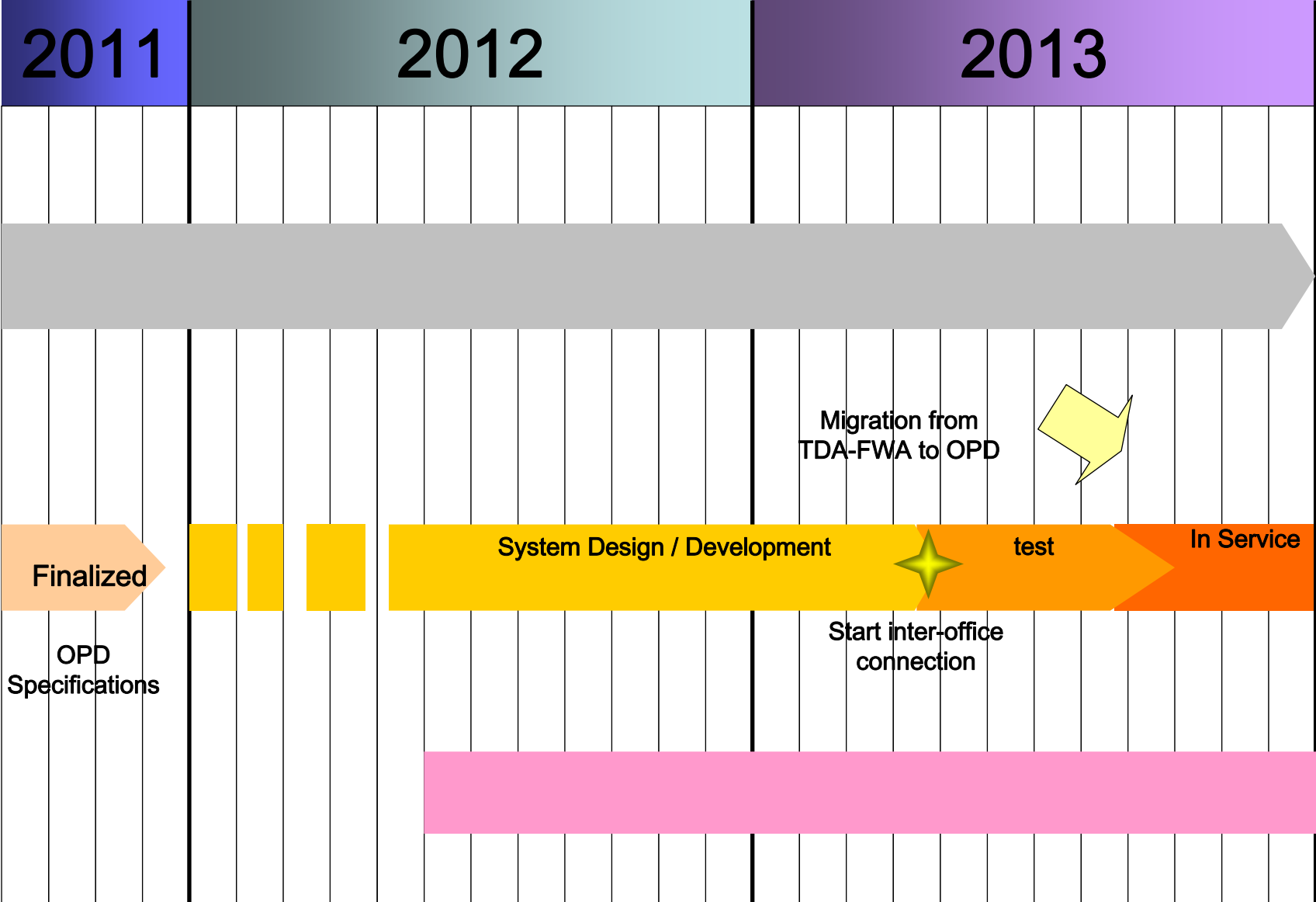
- この出願は次の理由によって拒絶されるべきものである....
 - 欧州特許第0709779号
 - 安田等, 高解像度静止画像の分割配信技術, IEEE, ...

Notification of reasons for refusal

Reason:

- The following documents (D1/D2), of which D1 is considered to
 - D1= EP-A-0709779
 - D2= Yasuda et. al, Color Still Picture Sub-Division Coding International Standards, Journal of the Institute of Image Electronics Engineers of Japan, Japan, December 25, 1989, Vol.18, No.6, P.398-407
- Lack of novelty, Articles 52(1) and 54 EPC:





1. Prepare documents in electronic form
(Early Digitalization)
2. Provide information and documents in English
(Machine Translation)
3. Prepare patent family DB for retrieval of relevant (family) applications
4. Digitalization of Cited Document
5. Provide citation list with link to publications

Future Plan

Future Plan for Dossier Access Projects

Synergistic effect

OPD

IP5 (Big Offices)

**Covers Dossier of
Many Applications
/ Many Office**

CASE

Medium / Small Offices
(Potentially Many)

CCD

Public User Support
Sophisticated U/I

**Fusion of Dossier Access
+ User Access**

ePCT

Interactive Service / PCT

**Interactive Service
not Limited to PCT**