
Topic 6B:

Sources of External Examination Results:

AIPN -Advanced Industrial Property Network-

Aug.2014

JAPAN PATENT OFFICE

- I. Overview of the AIPN
- II. Access to Dossier Information
- III. Access to Patent Family and Legal Status
- IV. Summary

I. Overview of the AIPN

II. Access to Dossier Information

III. Access to Patent Family and Legal Status

IV. Summary

- ◆ The AIPN is the Web based Service **only for Examiners** in the Foreign IP Offices.
- ◆ The AIPN provides **Dossier Information** and **Legal status** of applications examined by the JPO.
- ◆ Almost all Information is translated into English by **Japanese-English Machine Translation**.
- ◆ The AIPN is the Useful Tool for **Utilizing Examination Results done by the JPO**.

Overview of the AIPN

Advanced Industrial Property Network (AIPN)

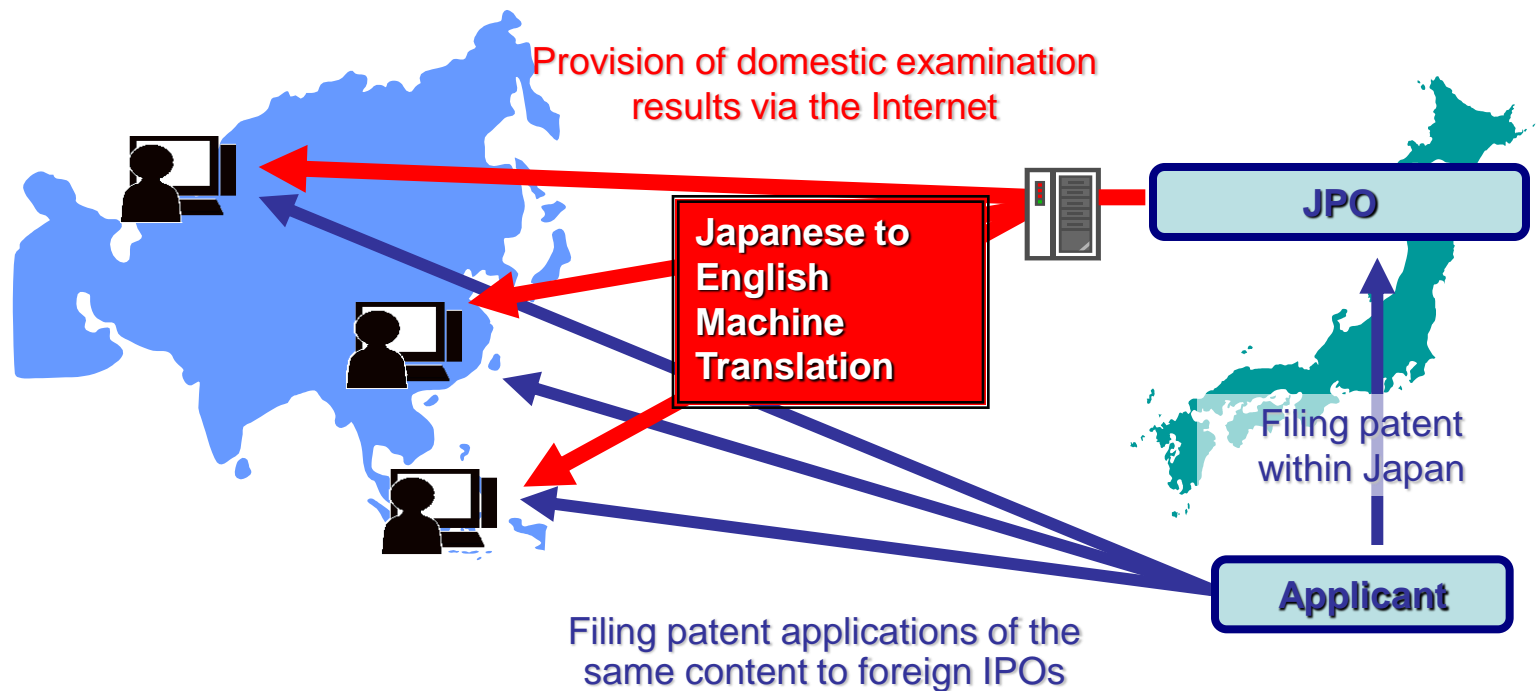
Provision of Japanese application information



Providing the JPO examination results to foreign IPOs in English

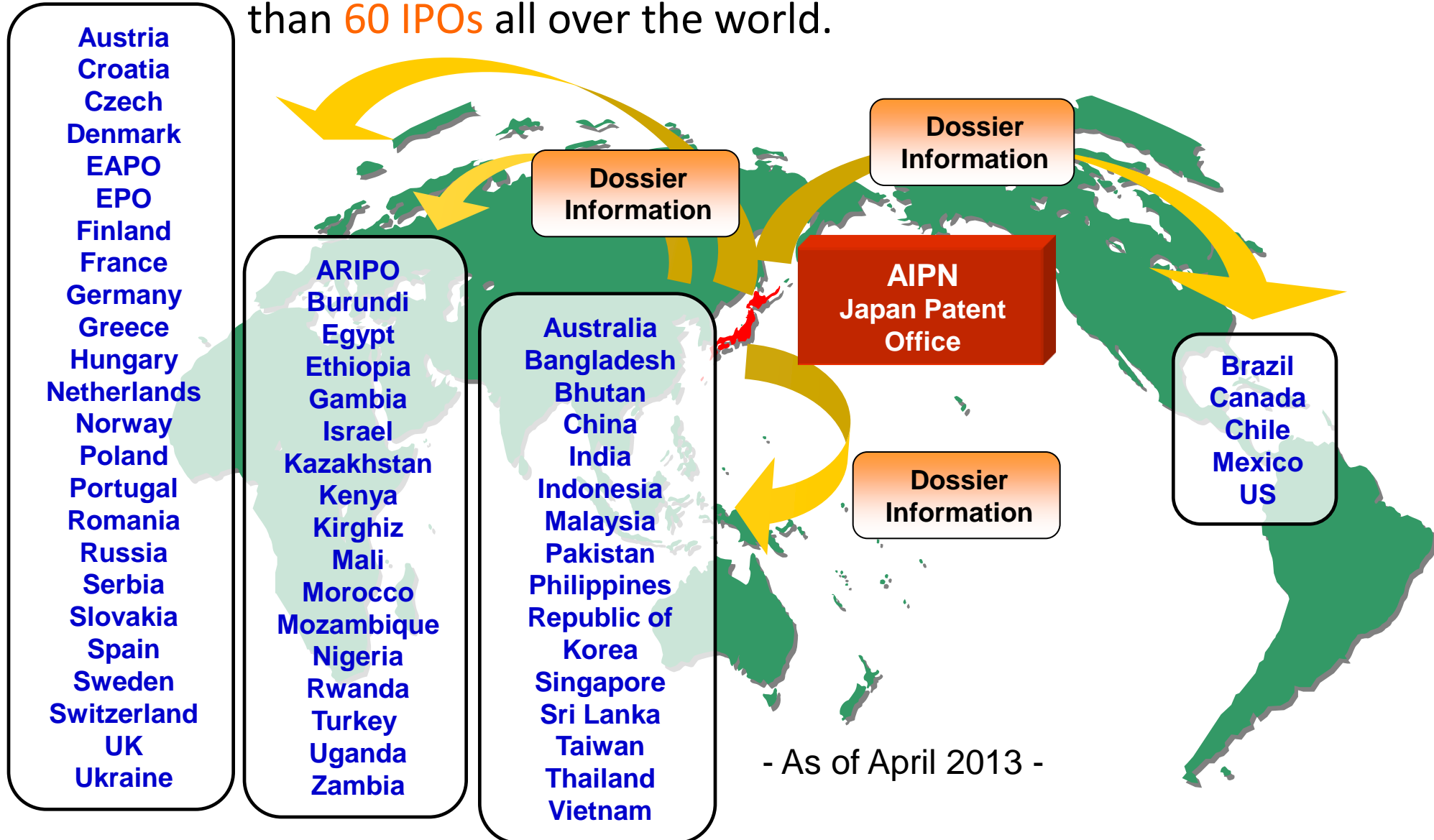
- (1) Reduction of examination workload in foreign IPOs
- (2) An aid for applicants' smooth obtainment of IP rights

AIPN: Advanced Industrial Property Network



Overview of the AIPN

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



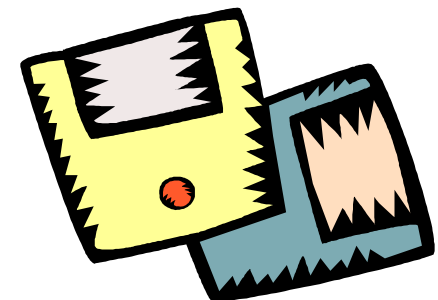
Services of the AIPN

- ◆ Dossier Information
 - Office Actions and other File Wrapper Information
- ◆ Legal Status of the Application and Prosecution history
- ◆ Cited Documents / Patent Family Information



Updating Frequency of Databases in the AIPN

- ◆ **File Wrapper Information**
 - available after the publication or registration of the application
- ◆ **Legal Status, Cited Documents**
 - twice a month
- ◆ **Patent Family**
 - irregularly updated



Access to AIPN

All you've got to do is just access
at the indicated URL:

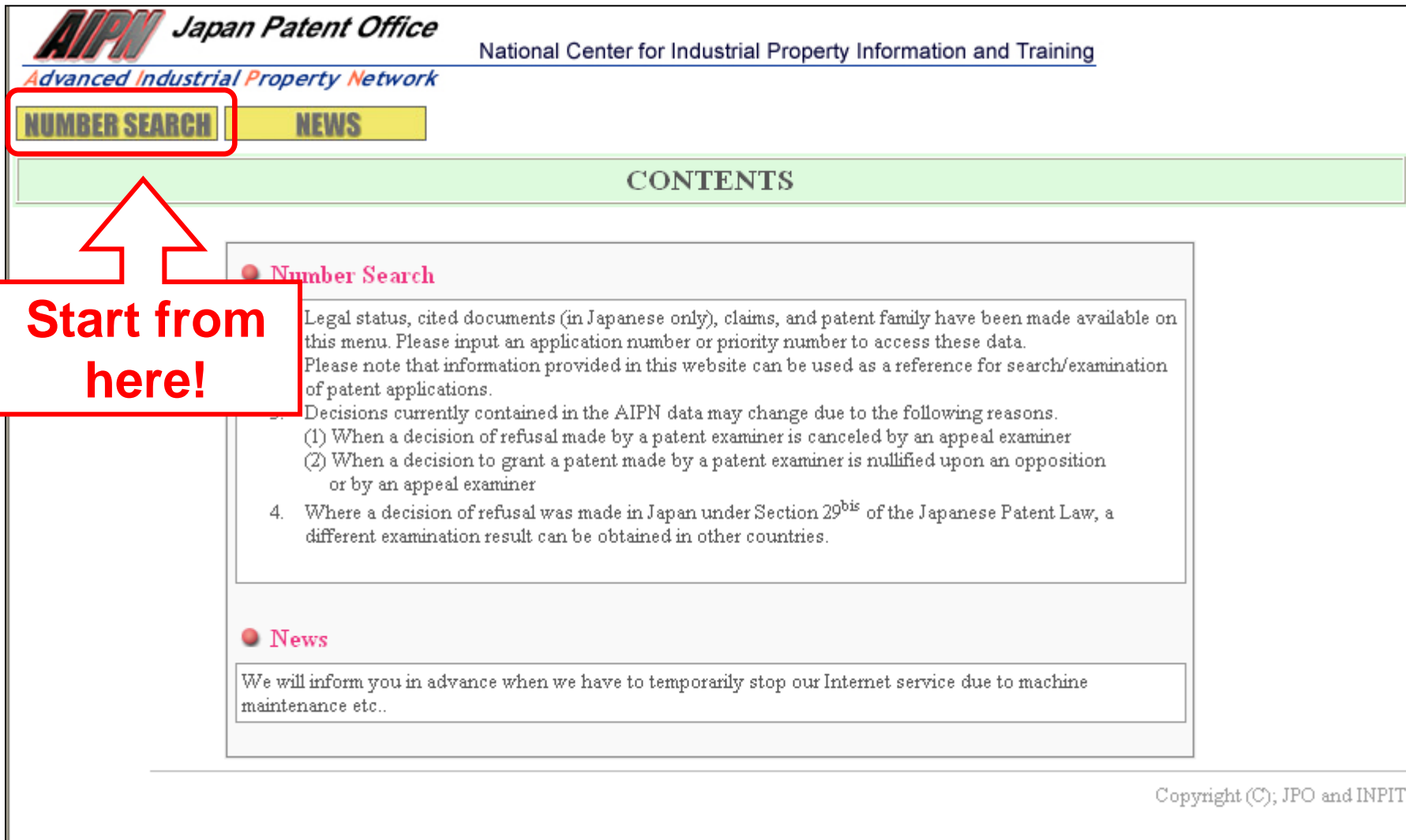


<http://aipn.ipdl.inpit.go.jp/>



- I. Overview of the AIPN
- II. Access to Dossier Information**
- III. Access to Patent Family and Legal Status
- IV. Summary

Top page



AIPN Japan Patent Office
Advanced Industrial Property Network

National Center for Industrial Property Information and Training

NUMBER SEARCH **NEWS**

CONTENTS

Number Search

Legal status, cited documents (in Japanese only), claims, and patent family have been made available on this menu. Please input an application number or priority number to access these data.
Please note that information provided in this website can be used as a reference for search/examination of patent applications.

Decisions currently contained in the AIPN data may change due to the following reasons.

- (1) When a decision of refusal made by a patent examiner is canceled by an appeal examiner
- (2) When a decision to grant a patent made by a patent examiner is nullified upon an opposition or by an appeal examiner
4. Where a decision of refusal was made in Japan under Section 29^{bis} of the Japanese Patent Law, a different examination result can be obtained in other countries.

News

We will inform you in advance when we have to temporarily stop our Internet service due to machine maintenance etc..

Copyright (C), JPO and INPIT.

Start from here!

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.

Search from No. of Foreign Document
Application No.
Priority No.

RETURN TO TOP PAGE

HELP

STORED DATA

Number Search

Search from JAPANESE Application/Priority/Publication/Patent Number

Select Type: Patent Application/Priority Number

Input Number: 2003-123456

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 : 323456

Check! 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

2003-123456

SEARCH

Select up to 3 technical dictionaries in order of priority.

Dictionary1 -- Select Dictionary --
Dictionary2 -- Select Dictionary --
Dictionary3 -- Select Dictionary --

RETURN TO TOP PAGE

HELP

STORED DATA

Number Search

Search from JAPANESE Application/Priority/Publication/Patent Number

Type: Patent Application/Priority Number

Document Number: 2003-123456

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: [dropdown]

Note: Please select wrapper information

Search from BOTH [dropdown]

Number [input]

Select up to [input]

Dictionary1: [dropdown]
Dictionary2: [dropdown]
Dictionary3: [dropdown]

Information communication technology (ICT)
Electronic engineering
Biotechnology
Medical/Pharmaceutical sciences
Chemistry
Mathematics/Physics
Nuclear
Natural sciences
Mechanical engineering
Architecture/Civil engineering
Automobile
Transportation
Business
Finance and Law
Manufacturing/Quality
Fiber/Clothing material
JIS (Japan Industrial Standards) term
Technical term
Military/Defense

Click! [SEARCH]

You can choose the dictionary!

Result – Document List

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

Select Language ▼

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.]

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
The dates in the list are shown in the format of

- Application data and Transaction history

- 28.04.2003: Request for a Patent
- 28.04.2003: Description
- 28.04.2003: Drawings
- 28.04.2003: Abstract
--- . --- . ---- : -- Certified or Appended Information
- 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
--- . --- . ---- : -- Certified or Appended Information

French, Chinese,
Russian, etc.

Select Language

① Google Translate
pulldown list for
language selection

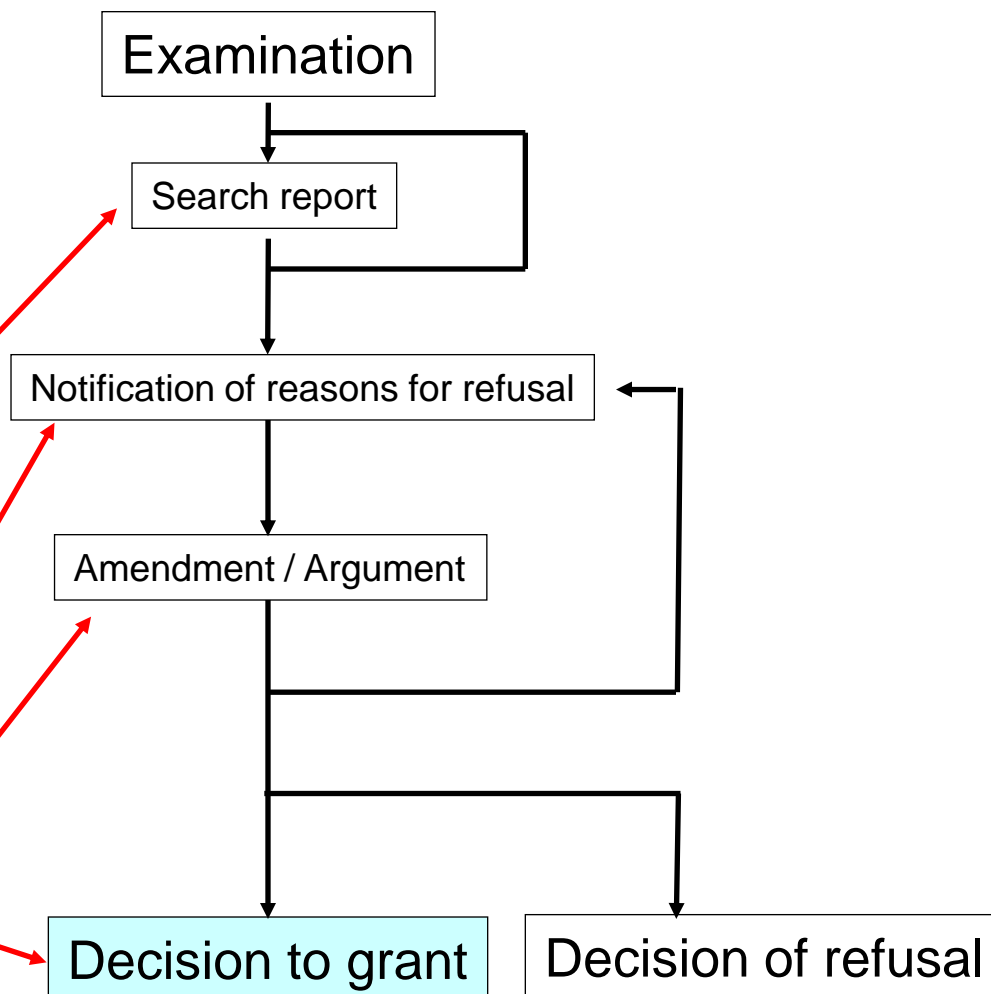
Select Language	Danish	Hebrew	Macedonian	Slovenian
Afrikaans	Dutch	Hindi	Malay	Spanish
Albanian	Esperanto	Hungarian	Maltese	Swahili
Arabic	Estonian	Icelandic	Norwegian	Swedish
Belarusian	Filipino	Indonesian	Persian	Thai
Bulgarian	Finnish	Irish	Polish	Turkish
Catalan	French	Italian	Portuguese	Ukrainian
Chinese (Simplified)	Galician	Japanese	Romanian	Vietnamese
Chinese (Traditional)	German	Korean	Russian	Welsh
Croatian	Greek	Latvian	Serbian	Yiddish
Czech	Haitian Creole	Lithuanian	Slovak	

② Select language for
translation target

[Translation done.]

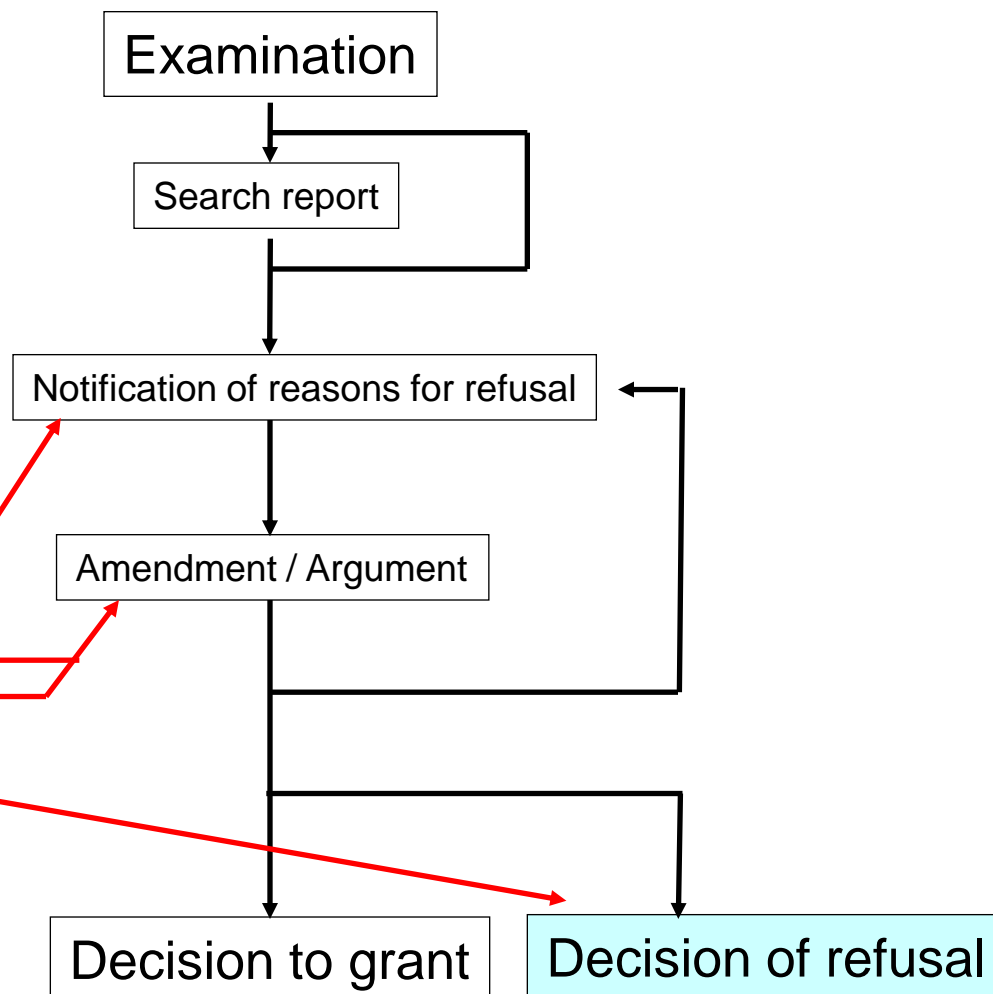
File wrapper information and examination procedure(1)

1. [20.04.2001: Request for a Patent](#)
2. [20.04.2001: Description](#)
3. [20.04.2001: Drawings](#)
4. [20.04.2001: Abstract](#)
5. [02.10.2001: Ex Officio Correction of Defect of Abstract](#)
6. [23.04.2002: Request for Examination \(Others' Request\)](#)
-- . -- . ---- : -- Certified or Appended Information
7. [28.05.2002: Written Notice \(others' request\)](#)
8. [22.07.2003: Search Report by Registered Searching Organization](#)
9. [12.08.2003: Assessment on Search Report by Registered Searching Organization](#)
10. [02.09.2003: Notification of Reasons for Refusal](#)
11. [04.11.2003: Written Argument](#)
12. [04.11.2003: Written Amendment](#)
13. [21.04.2004: Decision to Grant a Patent](#)



File wrapper information and examination procedure(2)

1. [04.01.2001: Request for a Patent](#)
2. [04.01.2001: Description](#)
3. [04.01.2001: Drawings](#)
4. [04.01.2001: Abstract](#)
5. [04.01.2001: Request for Examination](#)
6. [05.01.2001: Written Amendment](#)
--- . --- . ---- : -- Attached paper
--- . --- . ---- : -- Certified or Appended Information
7. [03.12.2002: Notification of Reasons for Refusal](#)
8. [03.02.2003: Written Argument](#)
9. [03.02.2003: Written Amendment](#)
10. [30.09.2003: Decision of Refusal](#)



Example of a Retrieved Document

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.

6. [28.04.2009: Search Report by Registered Searching Organization](#)
7. [30.04.2009: Assessment on Search Report by Registered Searching Organization](#)
8. [12.05.2009: Notification of Reasons for Refusal](#)
9. [10.07.2009: Written Argument](#)
10. [10.07.2009: Written Amendment](#)
11. [11.05.2010: F...](#)

translation and may contain errors. The JPO, the INPIT, and those who drafted this document in the of the translation.

s (****).
in as it is.

Dictionary: Last updated 11/18/2008 / Priority: 1. Information communication technology (ICT) / 2. Electronic engineering / 3. Mechanical engineering

Notification of Reasons for Refusal

Application number: Application for patent 2003-123456
Date of Drafting: Heisei 19(2007) October One day
Patent examiner:
Representative/
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

English Text
(Machine Translation)



Notification of Reasons for Refusal (1)

2. The claimed invention(s) in the each Patent Law Article 29 (1)(iii) for the reasons that the invention(s) described in the distributed publication(s) listed below or made available to the public through electric telecommunication lines in Japan or other foreign countries prior to the filing of the patent application.

3. The claimed invention(s) in the each Patent Law Article 29 (2) for the reasons that the invention(s) described in the distributed publication(s) listed below or made available to the public through electric telecommunication lines in Japan or other foreign countries prior to the filing of the patent application.

Account (Please refer to "The list of cited documents etc." for cited documents etc.)

Claim: 1, 2

Reason: Detecting a motion vector to all using the subregion which is a part of object block is described in 2, 3 Cited document: 1 or 2 Remarks:cited document 1, and 2. Refer to 0017-0018 of cited document 2, such as 0032 to 0033 paragraph of cited document 1, and Fig3, 0029 to 0033 paragraph, Fig2, and Fig5 etc in particular ("a representation block" of cited document 1 and "the pattern of a representative point" of cited document 2 correspond to "subregion" of an application concerned).

The list of cited documents etc.

1. JP,2005-167852,A
2. JP,H6-14316,A

Article number 29(1)(iii): Novelty

Article number 29(2): Inventive step

Claims objected to

Reasoned statement

Cited documents

Notification of Reasons for Refusal (2)

portion with which the description "time" overlaps is considered to be an error. (Is it an error of "the short time period"?)
(2) Since Claim 3 and the "aforementioned histogram data" of 17 are not described above, it is [the description after the description concerned] indefinite whether it is the description which is going to specify or limit what.
(3) although it is not clear whether the "time time", the 2nd "time" under description concerned is considered to be an error. (Is it an error of "the short time period"?)
Therefore, The [] is not clear.

Allowable claims

<Claim(s) which has been found no reason for refusal>

At present for the invention concerning Claim 1, and 5-16, 18-25, no reason for refusal is found. If any reason for refusal is found later, it will be notified.

IPC range searched

Record of the result of prior art search

- Technical fields to be searched: IPC H04N 7/24-7/68H04N 5/76-5/956H04N 5/262-5/278G06T 7/00-7/60 and

Prior art documents JP,H10-276435,A
WO2006/070601,A JP,H11-18028,A
JP,2006-121274,A
JP,2005-79675,A
JP,2004-282318,A

Other relevant prior art documents

This record of the result of prior art search does not constitute the reasons for refusal.
If the applicant has any inquiries concerning this notification of refusal or wishes to have an interview, please contact the following Fourth Patent Examination Department 1

Major Article Numbers

29(1)	Statutory inventions / Industrial applicability
29(1)(iii)	Novelty
29(2)	Inventive step
29bis	Secret prior art
39	Double patent
36(6)(ii)	Clarity of claims
36(6)(i)	Support requirement
36(4)(i)	Enablement requirement
37	Unity of inventions
17bis(iii)	New matters in amendment

Decision to Grant a Patent

Decision to Grant a Patent

Bibliographic data

Application number: The application for patent **2005-090000**

Date of Drafting: Heisei 20(2008) October 15

Patent examiner: **Tokkyo, Taro**

Title of invention: An information processing method, a computer program, and an information processor

The number of claims: 5

Applicant: **AAA** LIMITED

Representative: **DAIRI, Nin**

About this application, since no reason for refusal is found, Decision to Grant a Patent is rendered.

Decision of Refusal (1)

Decision of Refusal

Bibliographic data

Application number: 2005-090000

Date of Drafting: Heisei 20(2008) November

Patent examiner: Tokkyo, Taro

Title of invention: Peripheral processing unit which realizes a disposal method of a recognition impossible character, and a disposal method for the same

Applicant: AAA

Representative: DAIRI, Nin (besides one person)

Conclusion

About this application, it should refuse by the [Reason 3] written in the Notification of Reasons for Refusal as of Heisei 20(2008) June 6.

Although the contents of Written Argument and the Written Amendment were examined, the antecedent basis which is sufficient for reversing reasons for refusal cannot be found out.

Decision of Refusal (2)

Account

Remarks

Examiner's Opinion

Cited Parts

[however the constitution (refer to [0020] and [0027]) of the invention indicated to cited document 1 which it supposes "it is an abnormal condition when a recognition result is with / of three or more characters / a reject"] It corresponds with the constitution of the invention concerning Claim 1 of an application concerned judged as "There are more predetermined signs after the end of character reading and recognition operation than a predetermined number", [what an abnormal termination step is performed for in the case of an abnormal condition (error)] Considering it as the invention which has composition which performs an abnormal termination step when there are more predetermined signs than a predetermined number, and relates to Claim 1 of an application concerned after the end of character reading and recognition operation is that the person skilled in the art could accomplish easily. About the invention concerning the Claims 2-10 of an application concerned as well as above-mentioned Claim 1, a person skilled in the art can invent easily.

Rejected Claims

When "For invention concerning the claims ○-△, no reason for refusal is found" is written clearly, the claims ○-△ are allowable.

Decision of Refusal (3)

List of Cited Documents

The list of cited documents etc.

1. JP,H6-15149,U
2. JP,H7-296102,A

Documents of category "X" or "Y"

Time Limit of Response

Time Limit of Response

When this final decision has an appeal, a Commissioner of the Patent Office can be asked for a referee within **30 days** after a day with delivery of the copy of this final decision (if a resident abroad has, it is less than **90 days**) (Patent Law Article 121(1)). (Instruction based on Administrative Case Litigation Law Article 46(2))

To this final decision, a revocation suit can be raised only to the trial decision to the demand for trial about this final decision (Patent Law Article 178(6)).

Appeal Decision (1)

Appeal decision

Bibliographic data

Appeal 2006-090000

Appeal number

3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo

AAA LIMITED

Application number

A trial decision is rendered as follows about an application-for-patent **2001-140140** "character recognition method, program, and recording-medium" Decision-of-Refusal appeal appeal case [number of Heisei 14(2002) July 19 publication of unexamined application, JP,2002-203207,A, and claims (5)].

Conclusion

Conclusion The original decision is canceled. This invention shall be patented.

Appeal Decision (2)

Reason

Account

An application concerned is Heisei 13(2001). It is application on May 10 (claim-of-priority Heisei 12(2000) November one day), and it is admitted that the invention concerning the claim is a thing as the matter indicated to the claim of Claims specifies.

And about an application concerned, even if it examines reasons for refusal of the original decision, it shall not refuse for the Reason.

No Reason for otherwise refusing an application concerned is found.

Therefore, a trial decision is rendered as Conclusion.

Heisei 23(2011) February 18

- I. Overview of the AIPN
- II. Access to Dossier Information
- III. Access to Patent Family and Legal Status**
- IV. Summary

Retrieving Patent Family Information

AIPN Japan Patent Office
National Center for Industrial Property Information and Training
Advanced Industrial Property Network

[RETURN TO TOP PAGE](#) [HELP](#) [STORED DATA](#)

Number Search

Search from JAPANESE Application/Priority/Publication/Patent Number

Type: Patent Application/Priority Number

Document Number: 2003-123456

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. If 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

Click!

Check!

Click!

Patent Family & Legal Status Window

AIPN Japan Patent Office
National Center for Industrial Property Information and Training
Advanced Industrial Property Network

[RETURN TO TOP PAGE](#) [HELP](#) [STORED DATA](#) [SEARCH](#)

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 status, Cited documents
2	F2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

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


Patent Family List

Legal Status

Links to documents

Cited Documents

Patent Family List



AIPN Japan Patent Office
Advanced Industrial Property Network

National Center for Industrial Property Information and Training

[RETURN TO TOP PAGE](#)

[HELP](#)

[STORED DATA](#)

[SEARCH](#)

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 status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

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]	

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**

(22)Date of filing : **28.04.2003**

(71)Applicant : **SEIKO EPSON CORP**

(72)Inventor : **HAMAGUCHI YOSHIHARU**
TORIGOE YUSUKE

(30)Priority

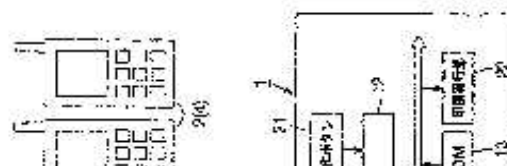
Priority number : **2002279423** Priority date : **25.09.2002** Priority country : **JP**

(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



Document Screening

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

[Translation done.]

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.

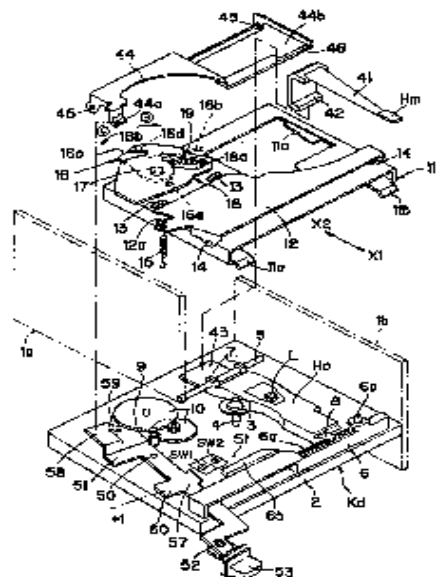
Translated: 12:15:18 JST 10/24/2008

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 Disk drive equipment 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

Drawing selection ▾

[1]



[Translation done.]

Select the Drawing

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

[Translation done.]

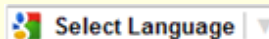
Disclaimer:

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: 12:15:18 JST 10/24/2008



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 Disk drive equipment 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

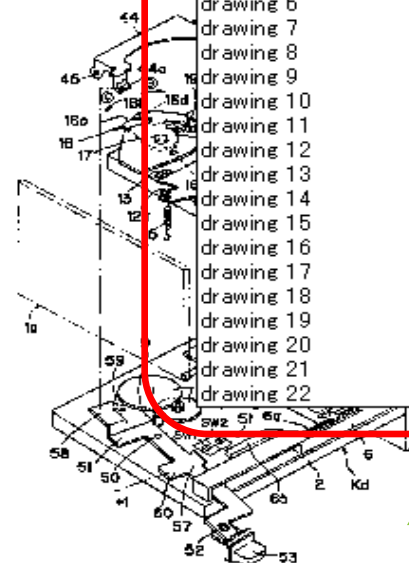
Drawing selection

Representative drawing ▾

Representative drawing

- drawing 1
- drawing 2
- drawing 3
- drawing 4
- drawing 5
- drawing 6
- drawing 7
- drawing 8
- drawing 9
- drawing 10
- drawing 11
- drawing 12
- drawing 13
- drawing 14
- drawing 15
- drawing 16
- drawing 17
- drawing 18
- drawing 19
- drawing 20
- drawing 21
- drawing 22

[1]

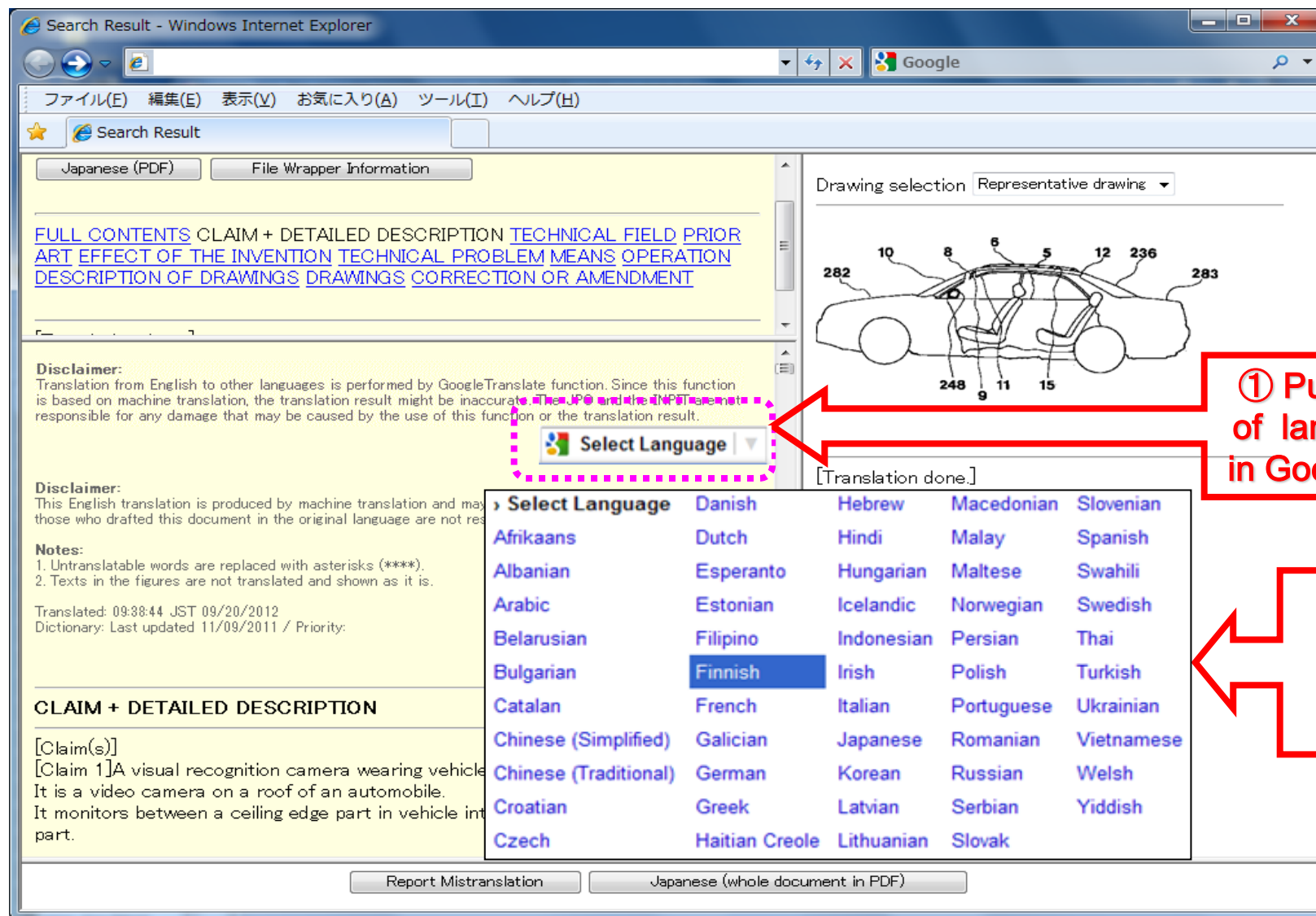


[Translation done.]

Report Mistranslation

Japanese (whole document in PDF)

Google Translate



Search Result - Windows Internet Explorer

Google

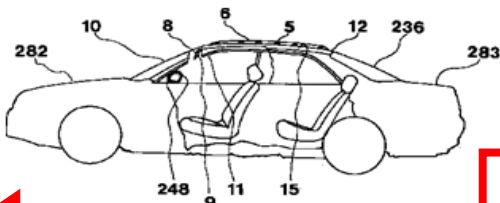
ファイル(E) 編集(E) 表示(V) お気に入り(A) ツール(I) ヘルプ(H)

Search Result

Japanese (PDF) File Wrapper Information

FULL CONTENTS CLAIM + DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART EFFECT OF THE INVENTION TECHNICAL PROBLEM MEANS OPERATION DESCRIPTION OF DRAWINGS DRAWINGS CORRECTION OR AMENDMENT

Drawing selection Representative drawing



Disclaimer:
Translation from English to other languages is performed by GoogleTranslate function. Since this function is based on machine translation, the translation result might be inaccurate. The JPO and the INPI are not responsible for any damage that may be caused by the use of this function or the translation result.

Disclaimer:
This English translation is produced by machine translation and may not be accurate. Those who drafted this document in the original language are not responsible for any damage that may be caused by the use of this function or the translation result.

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

Translated: 09:38:44 JST 09/20/2012
Dictionary: Last updated 11/09/2011 / Priority:

CLAIM + DETAILED DESCRIPTION

[Claim(s)]
[Claim 1] A visual recognition camera wearing vehicle. It is a video camera on a roof of an automobile. It monitors between a ceiling edge part in vehicle interior part.

Report Mistranslation Japanese (whole document in PDF)

Select Language

Select Language	Danish	Hebrew	Macedonian	Slovenian
Afrikaans	Dutch	Hindi	Malay	Spanish
Albanian	Esperanto	Hungarian	Maltese	Swahili
Arabic	Estonian	Icelandic	Norwegian	Swedish
Belarusian	Filipino	Indonesian	Persian	Thai
Bulgarian	Finnish	Irish	Polish	Turkish
Catalan	French	Italian	Portuguese	Ukrainian
Chinese (Simplified)	Galician	Japanese	Romanian	Vietnamese
Chinese (Traditional)	German	Korean	Russian	Welsh
Croatian	Greek	Latvian	Serbian	Yiddish
Czech	Haitian Creole	Lithuanian	Slovak	

[Translation done.]

① Pulldown menu of languages used in Google Translate

② Select language for translation target

Japanese Document in PDF

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

[Translation done.]

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: 12:15:18 JST 10/24/2008

CLAIM + DETAILED DESCRIPTION

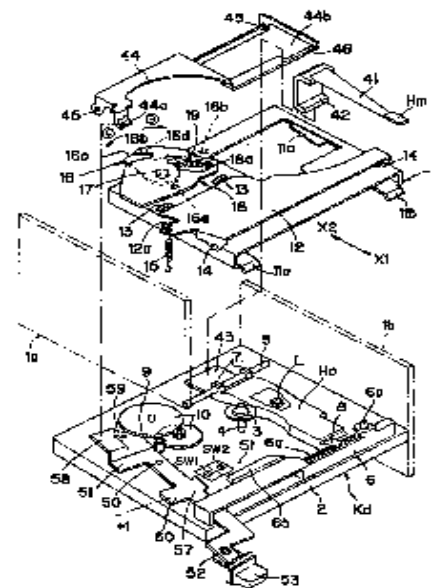
[Claim(s)]

[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 Disk drive equipment 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

Drawing selection

[1]



[Translation done.]

Report Mistranslation

Japanese (whole document in PDF)

Link to Japanese Gazette PDF

Display/Download Whole Document in PDF Format

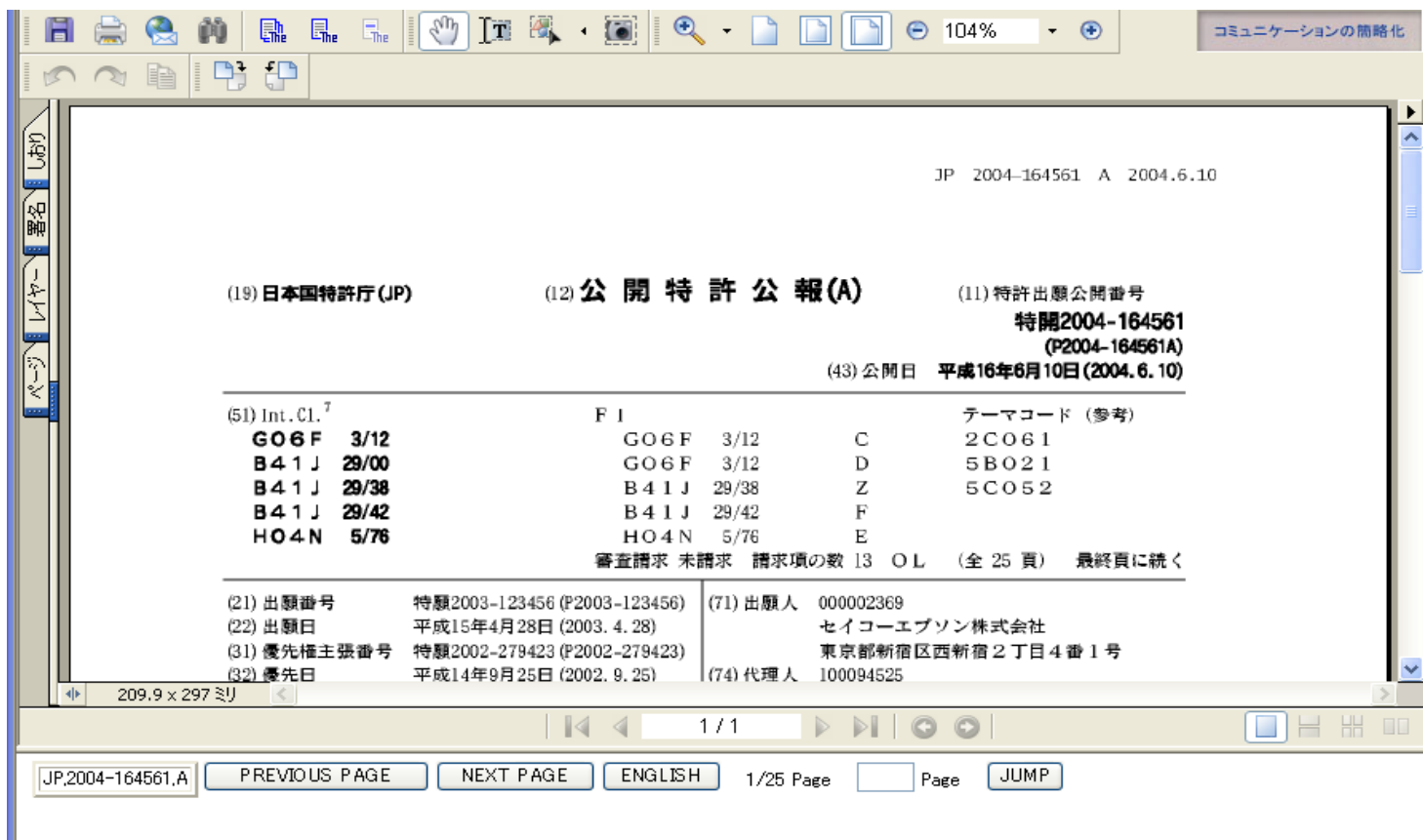
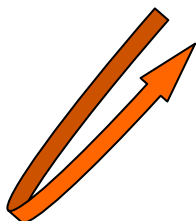
[HELP](#)

Click the link below to display the whole document in PDF format.
To display files over 3MB, please download all split files and merge program
and merge them (please see [HELP](#) for further instruction).

Please click this link to
download the PDF file.

[JP,2004-164561,A]

[1. JP,2004-164561,A](#)



JP 2004-164561 A 2004.6.10

(19) 日本国特許庁 (JP) (12) 公開特許公報(A) (11) 特許出願公開番号
特開2004-164561
(P2004-164561A)

(43) 公開日 平成16年6月10日 (2004.6.10)

(51) Int. Cl. ⁷ F I テーマコード (参考)

GO6F 3/12	GO6F 3/12	C	2C061
B41J 29/00	GO6F 3/12	D	5B021
B41J 29/38	B41J 29/38	Z	5C052
B41J 29/42	B41J 29/42	F	
HO4N 5/76	HO4N 5/76	E	

審査請求 未請求 請求項の数 13 O L (全 25 頁) 最終頁に続く

(21) 出願番号	特願2003-123456 (P2003-123456)	(71) 出願人	000002369
(22) 出願日	平成15年4月28日 (2003.4.28)		セイコーエプソン株式会社
(31) 優先権主張番号	特願2002-279423 (P2002-279423)		東京都新宿区西新宿2丁目4番1号
(32) 優先日	平成14年9月25日 (2002.9.25)	(74) 代理人	100094525

JP,2004-164561,A PREVIOUS PAGE NEXT PAGE ENGLISH 1/25 Page Page JUMP

Link to Patent Family Gazette

National Center for Industrial Property Information and Training

Advanced Industrial Property Network

STORED DATA

SEARCH

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 status, Cited documents
2	B2	US 7014374	21.03.2006	US 2004-0218209		
3	A1	US 2004218209	04.11.2004	US 2003-123456		

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

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

[Publication number]

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision]

[Date of final disposal for application]

[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]

US007014374B2

(12) **United States Patent**
Hamaguchi et al.

(54) **PRINTING APPARATUS AND PRINTING METHOD FOR PERFORMING PRE-COMMUNICATION WITH AN EXTERNAL DEVICE**

(75) Inventors: **Yoshiharu Hamaguchi**, Nagano-ken (JP); **Yusuke Torigoe**, Nagano-ken (JP)

(73) Assignee: **Seiko Epson Corporation**, Tokyo (JP)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 63 days.

(21) Appl. No.: **10/670,120**

(22) Filed: **Sep. 25, 2003**

(65) **Prior Publication Data**
US 2004/0218209 A1 Nov. 4, 2004

(30) **Foreign Application Priority Data**
Sep. 25, 2002 (JP) 2002-279423
Nov. 1, 2002 (JP) 2002-320578
Apr. 28, 2003 (JP) 2003-123456

(10) **Patent No.:** **US 7,014,374 B2**

(45) **Date of Patent:** **Mar. 21, 2006**

(56) **References Cited**

U.S. PATENT DOCUMENTS

2002/0172345 A1 * 11/2002 Wu 379/220.01
2003/0081240 A1 * 5/2003 Soto et al. 358/L.15
2003/0133154 A1 * 7/2003 Ohyama et al. 358/L.15
2003/0222985 A1 * 12/2003 Goto et al. 348/207.2
2004/0090543 A1 * 5/2004 Suehiro 348/231.99

FOREIGN PATENT DOCUMENTS

JP 11341065 A * 12/1999
JP 11355704 A * 12/1999
JP 2001-290612 10/2001
JP 2003309618 A * 10/2003
JP 2004013350 A * 1/2004

* cited by examiner

Primary Examiner—Minh Chau
(74) *Attorney, Agent, or Firm*—Sughrue Mion, PLLC

(57) **ABSTRACT**

The present invention provides a printing method and the like with which high-quality and high-speed printing is possible. The printing method includes: a step of performing pre-communication with an external device before print data are obtained from the external device; a step of obtaining

Legal Status & Cited Documents

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 status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	



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	

Access to Patent Family and Legal Status

Link to File Wrapper Information

AIPN Japan Patent Office
Advanced Industrial Property Network
National Center for Industrial Property Information and Training

RETURN TO TOP PAGE **HELP** **STORED DATA** **SEARCH**

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 status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

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]	14.02.2003
[Date of sending the examiner's decision of rejection]	
[Kind of final disposal of application other than the examiner's]	withdrawn
[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]	

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"

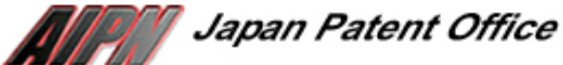
- Application data and Transaction history

- [28.04.2003: Request for a Patent](#)
- [28.04.2003: Description](#)
- [28.04.2003: Drawings](#)
- [28.04.2003: Abstract](#)
--- : --- : --- Certified or Appended Information
- [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](#)
--- : --- : --- Certified or Appended Information

[Translation done.]

Select Language

Cited Documents



AIPN Japan Patent Office
Advanced Industrial Property Network

National Center for Industrial Property Information and Training

RETURN TO TOP PAGE
HELP

STORED DATA
SEARCH

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 status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

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]	



Scroll down...

Cited Documents



Japan Patent Office

National Center for Industrial Property Information and Training

Advanced Industrial Property Network

STORED DATA **SEARCH**

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 status, Cited documents
2	B2	US 7014374	21.03.2006	US 2003-0670120	25.09.2003	
3	A1	US 2004218209	04.11.2004	US 2003-0670120	25.09.2003	

[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

Patent Family of Cited Documents

AIPN Japan Patent Office
Advanced Industrial Property Network

RETURN TO TOP PAGE HELP

Searched Number : 2003-123456 Legal status

Patent Family

No.	Kind	Publication No.	Publ. Date
1	A	JP 2004-164561	10.06.2004
2	B2	US 7014374	21.03.2007
3	A1	US 2004218209	04.11.2004

[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]

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

Patent Family

No.	Kind	Publication No.	Publ. Date	Application No.	Appl. Date	Related Information.
1	A	JP 2000-20275	21.01.2000	JP 1998-0186072	01.07.1998	Legal status, Cited documents


Legal Status, Cited Documents Application Number. JP 1998-0186072 [File Wrapper Information](#)

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

[Publication number]	2000-020275
[Date of request for examination]	
[Date of sending the examiner's decision of rejection]	
[Kind of final disposal of application other than the examiner's]	
[Date of final disposal for application]	
[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]	03.02.2006

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



- I. Overview of the AIPN
- II. Access to Dossier Information
- III. Access to Patent Family and Legal Status
- IV. Summary**

***Thank you
for your attention!***