

- I. Basics of Prior Art Search
- II. Search Strategy III. Search Tool J-PlatPat
- IV. Search Tool PATENTSCOPE

--- (Slide 25) ---

Next, I will explain J-PlatPat.

J-PlatPat is useful in searching Japanese documents.

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A. Basics of J-PlatPat - 1/6



✓ More than 100 million accesses per year

✓ 16 years history as of March 2015

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The JPO used to provide IPDL, which is a free search tool.

This popular tool, which was used until March 2015, was accessed more than a hundred million times.





A. Basics of J-PlatPat - 2/6



J-PlatPat took over the role of IPDL from 2015 March

- ✓ Simple and user-friendly interface
- ✓ Easier search of FI/F-term classification

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Since March 2015, J-PlatPat has replaced the role of IPDL.

J-PlatPat is known for its simple, user-friendly interface. You can also do simple searches for FI and F-term classifications.



A. Basics of J-PlatPat - 3/6



J-PlatPat : Japan Platform for Patent Information

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This shows an image of the J-PlatPat service.

J-PlatPat, which stands for the Japan Platform for Patent Information, is a service that enables users to search and browse publications owned by the JPO, as well as other related information on the Internet.

Information for approximately one hundred million documents is presently stored in the J-PlatPat database.

Industrial property information on this database has been accessed by individuals, small- and medium-sized businesses, and universities through the Internet.



A. Basics of J-PlatPat - 4/6

JPO home page http://www.jpo.go.jp/index.htm



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You can access J-PlatPat from this page.

First, access JPO's homepage and click the J-PlatPat banner on the right side of the screen. This will take you to the J-PlatPat English top page.



A. Basics of J-PlatPat - 5/6



Search for Patent & Utility Model, Design, and Trademark

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This is what the J-PlatPat English top page looks like.

You can use it to search patents, designs, and trademarks.



A. Basics of J-PlatPat - 6/6

Patent & Utility Model Search

		Number search	Classification search	Text search	Classification
•	Patent & Utility Model	Patent & Ltility Model Number: Search	* EL/F-term Search	* 863	 Patent Map Guidance(PMGS)

4 types of services are available

- ≻PAJ Search
- ➤Number Search
- ▶ Patent Map Guidance (PMGS)
- ≻FI/F-term Search

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 $\cdots \ ({\rm Slide} \ 31) \ \cdots$

Now let's look at searching for patents and utility models.

Four types of services are available, they are PAJ Search, Number Search, Patent Map Guidance, and FI/F-term Search.

Let me explain each one.



B. PAJ search - 1/11

 PAJ (Patent Abstracts of Japan) is a set of English abstracts of unexamined patent applications published in Japan

- PAJ is searchable by:
 Free keywords
 - Publication date
 - ≻ IPC
- Available data: from 1976
- Legal status and machine translation of an application are available for the PAJ published <u>from 1990, and 1993, respectively</u>.

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Now, I will explain PAJ search.

PAJ stands for the Patent Abstract of Japan, and refers to the English abstract of the Japanese patent application publication.

In PAJ searches, you can search for abstracts of Japanese patent application publications and bibliographic information in English.

For example, you can do text searches by using keywords such as technical terms, or search for applicant's or inventor's names. You can also narrow down the information by publication date, or search using the International Patent Classification. or IPC. If you know the application number, publication number, registration number, or appeal or trial number, you can do the search using these numbers.

The target of the search is the English abstract of the Japanese patent application publication issued in or after 1976.

Furthermore, for Japanese patent application publications issued in or after 1990, you can refer to the legal status. Also, for the Japanese patent application publications issued in or after 1993, you can machine-translate and browse the scope of claims or descriptions from Japanese to English.



B. PAJ search - 2/11

Text search			
Click	Searching PAJ		Search + Lit + Owni
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		3, Search	
			d'Data Coverage
			• To return to the top of this page
			33

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You can access the PAJ search form from the menu on the J-PlatPat top page.





B. PAJ search - 3/11



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This shows the screen for PAJ text searches.

Type the search keywords in English in the entry field on the screen.

There are three entry fields; abstract, title of invention, and applicant. Keywords can also be combined. If you type more than two keywords, enter a space between them. If there are more than 1000 search results, the list cannot be displayed. In this case, narrow down the list by specifying the time period of publication, or enter the International Patent Classification or IPC.





B. PAJ search - 4/11

Abstract	10.0
Title of invention	"toy", "people"
	for Abstract search
Applicant	IOI ADSTIACT SEALCH
	AND (m)
Publication Date	
from: 20020401 - too 20000101	2002/04/01 - 2002/01/
IPC	2002/04/01 - 2003/01/
	9, Search
Clink #Consult#	ti Data Coverage

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I will now give some examples.

Type the search keywords "toy" and "people" in the abstract field.

Specify the publication date as "2002/04/01 - 2003/01/01".

Click "search".





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B. PAJ search - 5/11

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can retrieve the PAI (Patent Abstracts of Japan) by keywords.		
Publication issues, and updates schedule, please re	effer to the B ² NEWS	
Abstract		
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Title of invention		
	A0 •	
Applicant		
	- 0A	
Publication Date		
From: 20820401 - to: 28038101		
1PC		
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Search results are displayed, showing that two documents were hit. To refer to the list of search results, click "view list".



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B. PAJ search - 6/11

The search results list is displayed.

Click the publication number "2002-233661."



--- (Slide 37) ---

When you click "view list", the list of search results is displayed as shown on the screen. Here, let's click the hyperlink of the first publication number, "2002-233661".





B. PAJ search - 7/11



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The PAJ of the first application uses the keywords "toy" and "people".

On the search result screen, the words "toy" and "people" are highlighted in the English abstract.





B. PAJ search - 8/11



--- (Slide 39) ---

Click "legal status" on the upper right corner to obtain current information in this regard.



---- (Slide 40) ----

When you click "full text" on the lower left corner, the result of the machine translation of claims into English is displayed first.



--- (Slide 41) ---

Next, you can also display the machine translation of the detailed description or technical field of the invention in English by clicking those hyperlinks on the screen.





B. PAJ search - 11/11



\cdots (Slide 42) \cdots

You can refer not only to the result of the machine translation, but also to the original Japanese text of Japanese patent documents by clicking "Image Data (Japanese)".



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C. Number search - 1/6

Almost all the Patent & Utility model gazettes issued by the JPO can be searched with any kind of the numbers of gazettes.

- Examples of kinds of numbers
 - Application Number
 - Publication Number
 - Patent Number

≻...

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Next, I will explain "number search".

This allows searching for almost all patent and utility model documents issued by the JPO using different kinds of numbers assigned to those documents.

For example, you can do a search with an application number, publication number and/or patent number.



C. Number search - 2/6

Number search Patent & Utility Model Number Search Click!	Patent & Utility Model Number Sec You'r diws o weg yddot o'u diw nab pada	irch 💷		<u>mant</u> + Lif + 2001
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You can access "number search" from the menu on the J-PlatPat top page.





C. Number search - 3/6

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--- (Slide 45) ---

Select the type of number, such as that for applications publications, enter the document number of the publication you would like to refer to, and click "search".

C. Number search - 4/6

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ocument Number	Document Number	, 7
Patent audioation maker	+-a> 2015-00012X 2015-123 827-00012X	
A:Publication of nation and loation	e-x-2015-00012X 2015-12X 427-00012X	
Patent annel/trial number	e.g. 2015-00012X 2015-12X 827-00012X	
	Q, Starch	* 844
Click "Search	1"	of Data Coverage

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Now, I will explain using examples.

Here, select "patent application number" as the kind of number, and enter "2002-273006" as the application number of the publication you would like to refer to. Then, click "search".

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C. Number search - 5/6

The search results list is displayed.

Click the publication number "2004-107736".

Display Ty	as ype: ⊕Al Pages (Offront Page O Claims (Drawings 📧 Spe	soffcation(unexamined)		
Results 1 re	cords.					
Number	Number	Publication Number	Publication Number	Number	Appeal/trial Number	other
1	39,2002-27300	JP.2004-107736.A		37.4180333.8		
			Click	"2004-10	7736"	

---- (Slide 47) ----

The list of search results is displayed. This includes information such as application and publication numbers. Click the hyperlink of the publication number "2004-107736" on the screen to browse the content of the application you would like to refer to.

C. Number search - 6/6

--- (Slide 48) ---

Then you can access the selected document.

There are three tabs to select the display format: "PAJ", "Detail" and "Image".

Selecting the "PAJ" tab also allows the English abstract to be referenced in the case of Japanese patent applications published in or after 1976.

By selecting the "detail" tab, you can access the full text of machine translations into English, such as a description thereof. The full text data of machine translation results, including descriptions, is available only for Japanese patent applications published in or after 1993.

By selecting the "image" tab, you can browse the image data of the original Japanese patent publication.

In cases where you specify multiple documents or numbers, you can display the previous or next document by clicking the hyperlink on the upper right corner.

Also, by clicking "Legal Status", you can access the legal status. The legal status is only available for the Japanese patent applications published in or after 1990.

D. PMGS - 1/11

FI/F-term classification can be retrieved.

- FI and F-term are unique patent classifications developed by the JPO, and they are mainly assigned to JP documents.
- <u>"FI"</u> is organized in a hierarchical structure, and it is the subdivisions of the IPC subgroups.
- <u>"F-term"</u> is organized according to particular technological fields to improve search efficiency from multiple viewpoints; purpose, usage, structure, operation, etc.

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Next, I will explain PMGS, which stands for "Patent Map Guidance System". You can obtain FI and F-term classification information by using PMGS. The FI and F-term are classifications developed by and only used by the JPO, and mainly assigned to patent documents written in the Japanese language. FI is the subdivision of IPC subgroups, and has a hierarchical structure. You can search from various points of view using the F-term classification. Its purpose is to improve search efficiency in a particular technical field.

D. PMGS - 2/11

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You can access the PMGS search form from the menu on the J-PlatPat top page.

D. PMGS - 3/11

tent Map Guidance	(PMGS) THEN	Select types of search for o	lassificatio
Publication issued, and upo Inquiry Search by Ke After selecting the query FI (Classification)	tetes schedule, please refer to the G (<u>ENS</u>). www.grades.com/ entry screen, Please clok each classification, of	 Inquiry Search by Keyword IPC-FI Concordance Sear 	ch
Query Screen Classification	 F1 0 Ft Handbook e-a- 825F 825F1 825F1/08 825F1/084 	Q, Search	
F-term (<u>Classification</u> Query Screen Classification	Priem List 0 Priem Description (a.z. 4030	Q. Search	
Display Type	@List OTarget OThe same Hierarchy		
		 To return to the top of this page 	

- ✓ Inquiry : <u>FI/F-term</u> search of specific <u>classification</u>
- ✓ Search by Keyword : <u>FI/F-term</u> search by using <u>keywords</u>
- ✓ IPC-FI Concordance Search : <u>FI</u> search by using <u>IPC</u>

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You can obtain classification information in three different ways using PMGS. The first one is the search function called "inquiry". By specifying FI or F-term using this function, you can obtain classification information related to the FI and F-term that you specified.

The second one is the search function called "search by keyword". With this function, you can obtain the FI and F-term information related to the search keyword that you specified.

The third one is the search function called "IPC-FI concordance search". With this function, you can obtain the FI information that corresponds to the IPC you specified. Now, I will explain one by one.

D. PMGS - 4/11

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can refer to FL/F-term and retriev	ve a classification by keywords.	
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Publication issued, and up	dates schedule, please refer to the all <u>NEWS</u> .	
Inquiry Search by Ke	syword IPC-FI Concordance Search	
After selecting the quer	y entry screen, Please click each classification, or input a classification int	to an input box and click.
FI (Classification)		
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Classification	a.a. ROTE ROTE ROTE AND ROTE (1004)	El search
F-term (Classificatio	0)	
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F-berm (<u>Classificatio</u> Query Screen Classification		Search
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First, I will explain the search function called "inquiry".

By specifying an FI or F-term, you can use this function to obtain classification information related to the FI and F-term that you specified.

D. PMGS - 5/11

Patent Map Guidence(PHO to-de Mete Photos and Advance	IS\$) East	Augenth @ Unit	Jump to a specific point in the bierarchical schedule of FI
	halos, prese taño to for $\overline{\sigma}$ (COS), $\overline{[\sigma_{i},\sigma_{i}]} = 0$ (considering teach) (co	_	by entering its code
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Display Type #	Lie D'Tarset D'The same Hersonly	61	Explanation
		- 1/00	Details not covered by groups G66F 3/08-G66F 13/08 (architectures of general purpose stand programme computers G6F 15/79)
	+ Institution		333 - Sthuctures
			311 Structures of areas adjacent to large computers
Go d	own to hierarchical		A Structures of computer rooms
			B . Acoustic or seismic resistant structures
sche	dule of FI		C . Free-access floor structures
			DSeismic resistant structures
-			E Dura Marca an
Section	Explanation		
ASection	SECTION A - HUMAN NECESSITIES		
BSection	SECTION 8 - PERFORMING OPERATIONS: TRANSPO	RTING	
CSection	SECTION C - CHEMISTRY; METALLURGY		
Direction	SECTION D - TEXTILES: PAPER		
			5

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Using the "inquiry" search function, there are two ways to obtain data related to FI. The first one is to click the "classification" link. You can go down the hierarchical schedule from the section level by clicking the "classification" link.

The second one is to enter the FI in the search box, which will take you to the specific point in the hierarchical schedule of the FI that you entered.

D. PMGS - 6/11

--- (Slide 54) ---

There are two ways to obtain data related to F-term using the "Inquiry" search function. The first is to click the "classification" link, which allows you to go down the hierarchical schedule.

The second one is to enter the F-term theme code in the search box, which takes you to the F-term list of the theme code you entered.

D. PMGS - 7/11

ent Map Guidance(PMGS)	Search by Keyword	d search
Publication issued, and updates schedule, p	please refer to the CT <u>NEWS</u> .	Query Screen ≻ Fl
After selecting a query screen item, plea Query Screen	control sector [control sector [control sector] control sector]	> F-term
Keyword	C - term List O F-term Description	Keyword
Search Range(Classification)	E-Z- 28+58001	Q, Search
Display Type	*List ©Target ©The same Herarchy Click "Search"	
		+ To return to the top of th

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Next, I will explain the search function called "search by keyword", which allows you to obtain the FI and F-term information related to the search keyword you specified. First, select which "query screen" you will use to do the search (FI or F-term). Then, enter the keyword in the search box and click "search".

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D. PMGS - 8/11

The search results list is displayed.

- Query Screen = FI
- Keyword = toy

Click the FI "A41D11/00@K".

FI	Explanation
A REPORT OF A REPORT OF A	
A41D11/00@K	. Equipped with a toy
• <u>A47G19/22@S</u>	. having an accessory (toy, etc.)
• <u>A63B69/04</u>	. simulating the movement of ho

--- (Slide 56) ---

This shows the result of the query by selecting FI as a "query screen" and entering "toy" as a keyword. Several search results are shown, so, for example, let's click "A41D11/00@K".

III. Search Tool - J-PlatPat D. PMGS - 9/11 Main group "A41D11/00" FI(List Indication) This screen shows all FIs contained in the main group "A41D11/00". (HB : FI Handbook) · Display Type Elist ◎ Target ◎ The same Hierarchy Explanation FI 11/00 Garments for children A Kinds of clothes for children B. Jackets C . Coverall D . . One-piece dresses E . Lower clothes F . . Lower clothes with chest and shoulder straps G . Overcoats H Functions of clothes for children J . Adjustment of height Clicked FI "A41D11/00@K" K . Equipped with a toy L . for both men and women

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JPO

-- (Slide 57) ---

The screen then shows all FIs included in the main group "A41D11/00". You can see that there are many FIs under "A41D11/00". "A41D11/00@K", which you clicked earlier, is also displayed. You can browse the explanation and see which perspective each FI has for a search key.

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D. PMGS - 10/11

Patent Map Guidance You can refer to FUF-term and retries	(PMGS) PC-FI Concordance Search	Search + Litt		
Publication issued, and up Inquiry Search by Ke Input IPC code to the q	dates schedule, please refer to the of <u>NEWS</u> .			
Classification	e.e. Atte			
Display Type @List ©Target ©The same Hierarchy Click "Search"				
		To return to the top of this pag		

--- (Slide 58) ---

Lastly, I will explain the search function "IPC-FI concordance search", which allows you to obtain the FI information that corresponds to the IPC you specified. If you know the IPC to be searched for, enter the IPC in the search box and click "search".

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D. PMGS - 11/11

Concordance List [IPC→FI]		
Display Type	List Target The same Hierarchy	
Result IPC	FI	
IPC	FI	
G06T1/00	G06T1/00	
G06T1/00	G06T1/00@A	
G06T1/00	G06T1/00@B	
G06T1/00	G06T1/00/@C	
G06T1/00	G06T1/00/8Z	
G06T1/00	G06T1/00.200	
G06T1/00	G06T1/00.200@A	
G05T1/00	G06T1/00.200@B	

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For example, this is the screen you will see when you enter and search IPC "G06T1/00". Here, you were able to obtain the concordance list for IPC "G06T1/00". IPCs are listed on the left, and FIs that correspond to the listed IPCs are shown on the right.

E. FI/F-term search - 1/5

- All the Patent & Utility model gazettes and PAJ can be searched with the FI/F-term, which is a unique patent classification developed by the JPO.
 - Example of FI: B01J23/56,301A
 - Example of F-term: 4B027 FB21

Search range is from <u>1885 to the present.</u>

Machine Translation is available for the gazettes published <u>in</u> <u>1993 and thereafter.</u>

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Next, I will explain the "FI/F-term search", which enables you to search patent documents published in and after 1885 using the FI or F-term classifications. Also, you can obtain machine-translated English versions of Japanese documents, such as descriptions contained in publications, if the Japanese patent applications were published in or after 1993.

E. FI/F-term search - 2/5

FI/F-term Search	Suph + Ut + bit
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You can access "FI/F-term search" from the menu on the J-PlatPat top page.

E. FI/F-term search - 3/5

FI/F-term Search TING	Search + List + Detail
You can retrieve a variety of patient and utility model gazettex by RVF-term.	
Publication issued, and updates schedule, please refer to the dimensional schedule.	
Kind(This choice can be omitted. When you have no check, all Kinds are chose	en.)
Environ(A, A1, 8) Environt specification(C) Exciting model(U, UL, A1, Y) Elevantined utility model specification(Z)	
Theme code (Necessary for F-1	term search)
F1/F-term	
n.g. 6305000 or 1nt ar (E297)/2008-031004311-63050013 You can if you write a theme. Is cost the theme in P-tark when marching for that theme.	Search query of FI/F-term
Publication Date	Combination of Pi, P-term is possible
from c.e. 201000 dos (c.e. 200000	Publication Date(optional)
Orexamined applications(A, U, UI, A1) Oreamined/Granted applications(B, Y)	
Q, Search	Click "Search" !
	of Patent Map Guidance
	Cf Data Coverage
	62
	To return to the top of this page

---- (Slide 62) ---

This is the search screen for the "FI/F-term search".

You can do the search by entering FI or F-term in the "FI/F-term" search box.

You can also create a search formula by combining FI and F-term classifications.

Please note that when you enter the "F-term" in the search formula, you need to specify the "theme code" in a separate box.

After you have entered the search formula, click "search".

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I will now explain another example of a case where you conduct a search by combining FI and F-term classifications.

Enter "2C150" in the "Theme code" box.

Enter "A63H15/00*AA01" in the "FI/F-term" box. Here, the asterisk "*" is used to mean "AND" in the search formula.

You can see that there are 25 results. Clicking "view list" displays a list of the search results.

Click one of the document numbers in the list.

E. FI/F-term search - 5/5

\cdots (Slide 64) \cdots

You can also browse documents that you have selected, as well as display the PAJ, machine-translated English version of claim or description and the image data or legal status of the Japanese patent document in the same way that the results obtained with the "number search" are displayed.