

#### D. PMGS - 1/11

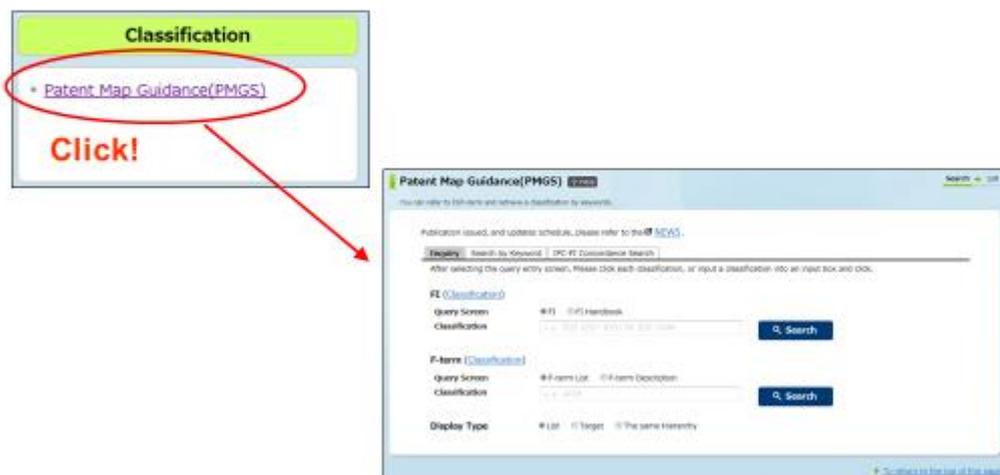
- **FI/F-term classification can be retrieved.**
  - FI and F-term are unique patent classifications developed by the JPO, and they are mainly assigned to JP documents.
  
- **“FI”** is organized in a hierarchical structure, and it is the subdivisions of the IPC subgroups.
  
- **“F-term”** is organized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

49

--- (Slide 49) ---

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

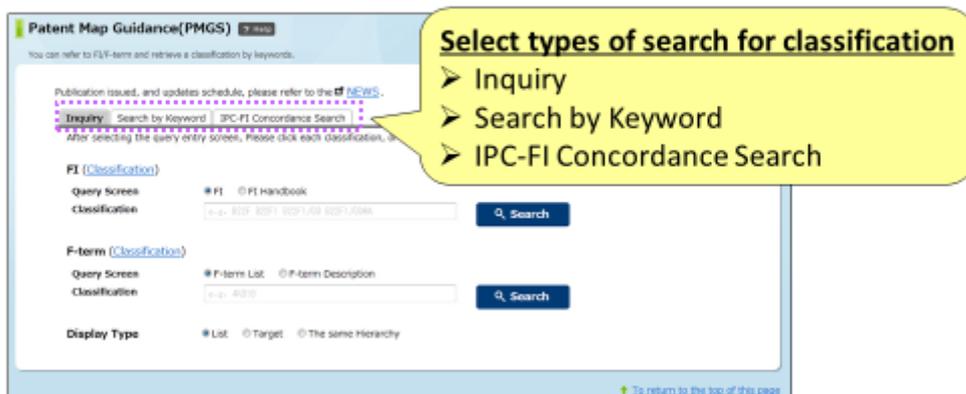


50

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

#### D. PMGS - 3/11



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

51

--- (Slide 51) ---

You can obtain classification information in three different ways using PMGS.

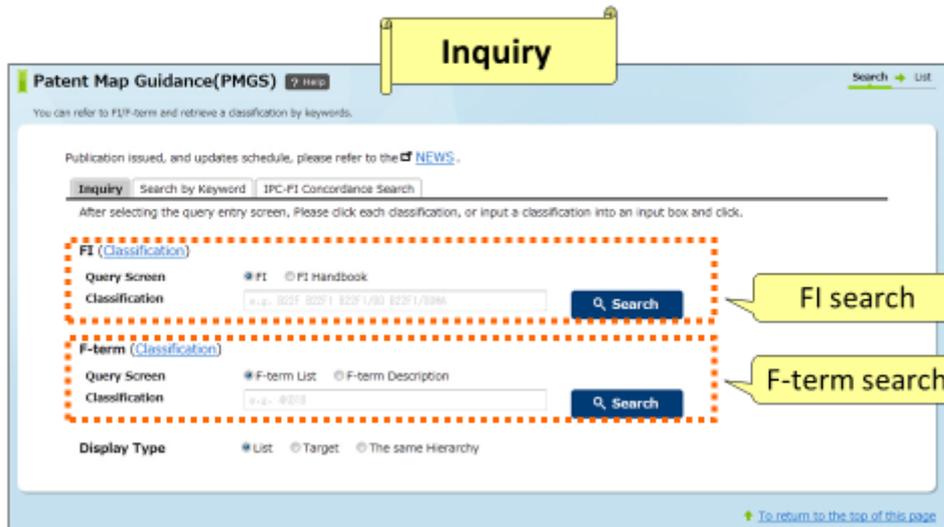
The first one is the search function called “inquiry”. By specifying FI or F-term using this function, you can obtain classification information related to the FI and F-term that you specified.

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



52

--- (Slide 52) ---

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

**Click!**  
After entering the query entry screen, please click each classification, or input a classification into an input box and click.

**F1 (Classification)**  
Query Screen  
Classification

**F-term (Classification)**  
Query Screen  
Classification

**Display Type**  
List Target The same hierarchy

**F1(List Indication)**  
This screen shows all FIs contained in the main group "000F1/00". (48 / FI Handbook)

**Display Type**  
List Target The same hierarchy

FI	Explanation
1/00	Details not covered by groups G06F 3/00-G06F 13/00 (architectures of general purpose stored-programme computers G06F 13/70)
323	Structures
321	Structures of areas adjacent to large computers
A	Structures of computer rooms
B	Acoustic or seismic resistant structures
C	Free-access floor structures
D	Seismic resistant structures
F	Structures

**Go down to hierarchical schedule of FI**

Section	Explanation
ASection	SECTION A — HUMAN NECESSITIES
BSection	SECTION B — PERFORMING OPERATIONS; TRANSPORTING
CSection	SECTION C — CHEMISTRY; METALLURGY
DSection	SECTION D — TEXTILES; PAPER

**Jump to a specific point in the hierarchical schedule of FI by entering its code**

53

--- (Slide 53) ---

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

Jump to an F-term schedule of a specific theme by selecting the “F-term list” button and entering its F-term theme code, e.g., “5B035”

The screenshot shows the Patent Map Guidance (PMGS) interface. On the left, there are search options: 'Search by Keyword', 'IPC-FI concordance search', and 'F-term (Classification)'. A red circle highlights the 'F-term (Classification)' link with the text 'Click!'. Below it, there is a search box for 'F-term classification' and a 'Search' button. On the right, a table titled 'F-term' lists various F-term codes and their descriptions. Below the table, a 'Group of Theme Selection' box shows a grid of F-term codes from 2B to 5M.

Go down to the hierarchical schedule of F-term

Group of Theme Selection  
A group can be chosen on this screen. Click on a group

2B	2C	2D	2E	2F	2G	2H	2K	2N	
3B	3C	3D	3E	3F	3G	3H	3J	3K	3L
4B	4C	4D	4E	4F	4G	4H	4J	4K	4M
5B	5C	5D	5E	5F	5G	5H	5J	5K	5M

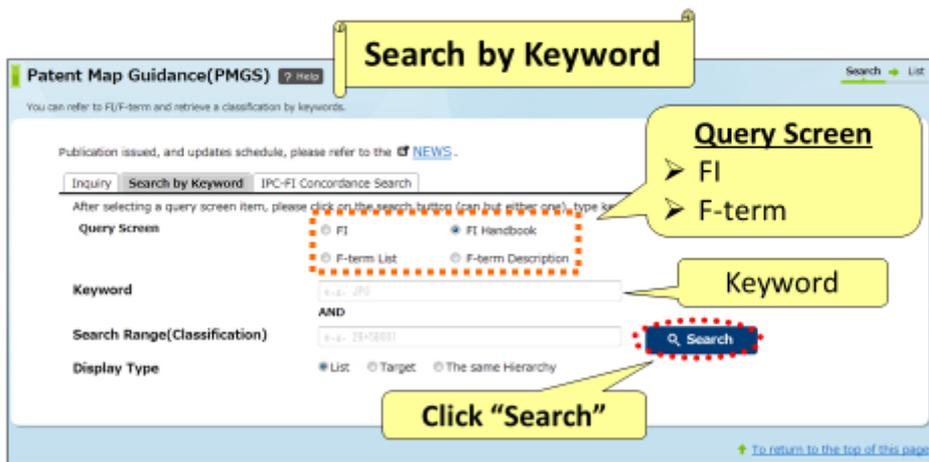
54

--- (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



55

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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”.

#### D. PMGS - 8/11

The search results list is displayed.

➤ Query Screen = FI

➤ Keyword = toy

Click the FI **"A41D11/00@K"**.

FI	Explanation
<a href="#">A41D11/00@K</a>	. Equipped with a <b>toy</b>
• <a href="#">A47G19/22@S</a>	. having an accessory ( <b>toy</b> , etc.)
• <a href="#">A63B69/04</a>	. simulating the movement of ho

Click "A41D11/00@K"

56

--- (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".

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**

List    Target    The same Hierarchy

FI	Explanation
· <a href="#">11/00</a>	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
	K, Equipped with a toy
	L . for both men and women

Clicked FI "A41D11/00@K"

57

-- (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.

#### D. PMGS - 10/11

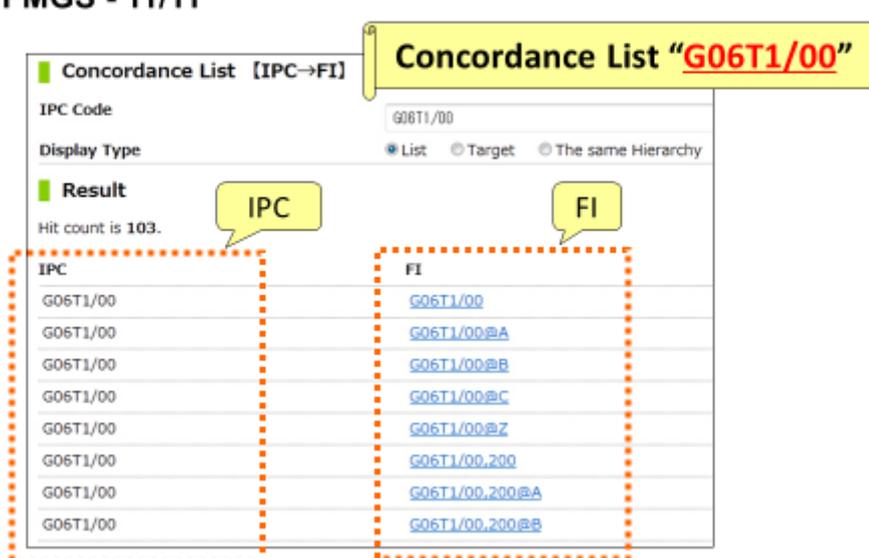


58

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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”.

D. PMGS - 11/11



**Concordance List [IPC→FI]**

IPC Code: G06T1/00

Display Type:  List  Target  The same Hierarchy

**Result**  
Hit count is 103.

IPC	FI
G06T1/00	<a href="#">G06T1/00</a>
G06T1/00	<a href="#">G06T1/00@A</a>
G06T1/00	<a href="#">G06T1/00@B</a>
G06T1/00	<a href="#">G06T1/00@C</a>
G06T1/00	<a href="#">G06T1/00@Z</a>
G06T1/00	<a href="#">G06T1/00.200</a>
G06T1/00	<a href="#">G06T1/00.200@A</a>
G06T1/00	<a href="#">G06T1/00.200@B</a>

59

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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.