



- I. IPC
- II. FI
- III. F-term
- **IV. Reference tool**



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## A. IPC Home Page – 1/2

http://www.wipo.int/classifications/ipc/en/

Media Meetings WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION	Contact Us   My Ar	ccount   English⊣	
IP Services Policy Cooperation Reference About IP Inside WIPO	Search WIPO	م	<u>http://wipo.int/ipcpub/</u>
Home Reference International Classifications IPC International Patent Classification (IPC)			Français     International Patent Classification (IPC) Official Publication     Search     Contact us   Accessibility   Site map     ANIZATION
The International Patent Classification (IPC), established by the Strasbourg Agreement 1971, provides for a hierarchical system of language independent symbols for the classification of patents and utility models according to the different areas of technology to which they pertain. Browse and search the IPC Clicck! News Next version of the IPC (IPC 2015,01) enters into force on January 1, 2015. Jul 1, 2014 IPC/WG/31 (May 12 to 16, 2014): document IPC/WG/31/2 (Report) and presentation available. Jun 19. Cited from http://www.wipo.int/classifications/ipc/en/	IPC Home Page - Help N Version 2014.01 ▼ Current symbol Go to Language English French English/French View mode path initian Network Show CPC/FI Deleted entries Subclass indexes Guidance Headings Guidance Headings Guidance Headings Guidance Headings Guidance Headings Cross-references Assistance STATS Text categorization (PCCAT) Number of displayed entries 500 ▼ Last modified: 15.08.2014 IPCCUB v5.1 CPC version: 2014.02 Fi version: 2013.11.01	Scheme       P     A       P     B       P     C       P     D       P     E       P     F       P     G       P     H	RCL       Compilation       Catchwords       Guide to the IPC         SECTION A — HUMAN NECESSITIES       SECTION B — PERFORMING OPERATIONS; TRANSPORTING         SECTION C — CHEMISTRY; METALLURGY       SECTION D — TEXTILES; PAPER         SECTION E — FIXED CONSTRUCTIONS       SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING         SECTION G — PHYSICS       SECTION H — ELECTRICITY
			Cited from <a href="http://wipo.int/ipcpub/">http://wipo.int/ipcpub/</a>



Français

### A. IPC Home Page –2/2

	International Patent (	Classification (IPC) Off	cial Publication	Français Search	nierai
WORLD INTELLECTUAL PROPERTY ORD	RCL Compilation	Catchwords	Guide to the IPC	bility   Site map	by en
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F Go to	e. B	F03	MACHINES OR ENGINES; HO I-GAS OR COMBUSING MACHINES OR ENGINES FOR LIQUIDS; WIND, SPR MECHANICAL POWER OR A REACTIVE PROPULSIV	NG, OR WEIGHT MOTORS; PR E THRUST, NOT OTHERWISE PF	DDUCING ROVIDED FOR
Language	£	F04	POSITIVE-DISPLACEMENT MACHINES FOR LIQUID	S; PUMPS FOR LIQUIDS OR EL	ASTIC FLUIDS
English     French     English/French View mode     path			Note(s) Combinations of positive-displacement and non-positive- subclass for pumps, and in subclasses F04C, F04D in res	isplacement pumps are classified in s bect of matter specific to those subclas	subclass F04B as a general sses.
full		F46			
hierarchic	G,	110	FLUID-PRESSURE ACTUATORS; HYDRAULICS OR F	NEOMATICS IN GENERAL	
Show CPC/FI  Deleted entries	£	F16	ENGINEERING ELEMENTS OR UNITS; GENERAL MI EFFECTIVE FUNCTIONING OF MACHINES OR INST	ASURES FOR PRODUCING AN ALLATIONS; THERMAL INSULAT	D MAINTAINING 10N IN GENERAL
Subclass indexes Guidance Headings	ď	F17	STORING OR DISTRIBUTING GASES OR LIQUIDS		

Jump to a specific point in the hierarchical schedule of IPC entering its code

> Francais Search sibility | Site mar

WIPO	IP SERVIC	ES Interna	tional Patent Clas	sification (IPC) Offic	ial Publication		Contract of Contract bill	Search
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C Home Page - Help	Scheme	RCL	Compilation	Catchwords	Guide to the IPC			
rsion 014.01 •	фр)	F02B 37/00	Engines chara introduction of characterised	icterised by provisio liquid fuel into cylind by passages conduc	n of pumps driven at le ers by use of auxiliary fl ting the charge from the	east for part of the time by exhaust (cha luid F028 13/00; characterised by after-ch e pump to the engine inlet F028 33/44)	racterised by the larging F02B 29/06;	ŕ
rrent symbol	ď	F02B 37/007	· with exhaust-	driven pumps arrang	ped in parallel [6]			
128 377 12	di P	F02B 37/013	· with exhaust-	driven pumps arrang	ed in series [6]			
do to	d?	F02B 37/02	· Gas passag	es between engine o	utlet and pump drive, e	.g. reservoirs		
nguage English	đP	F028 37/04	Engines with pump	exhaust drive and ot	her <mark>d</mark> rive of pumps, e.g	with exhaust-driven pump and mechani	cally-driven second	
French	di	F02B 37/10	· · at least one	pump being alternat	lely driven by exhaust a	nd other drive [3]		
English/French	62	F02B 37/11	··· driven by c	ther drive at starting	only [6]			
AND REAL PROPERTY AND	ef l	F02B 37/12	· Control of the	e pumps [3]				
ew mode	e com	F02B 37/14	· · of the altern	ation between exhau	st drive and other drive	of a pump, e.g. dependent on speed [3]		
path	æ	F028 37/16	· · by bypassin	g charging air [6]				
FUH biococobie	di	F02B 37/18	· · by bypassin	g exhaust [6]				
riter ar critic	62	F028 37/20	· · by increasin	og exhaust energy, e.	a using combustion ch	ambers [6]		
Show CPC/FI	æ	F02B 37/22	· · by varying th	e cross-section of e	thaust passages or air	passages [6]		
Deleted entries	ď	F02B 37/24	•• by using pu	mps or turbines with	adjustable guide vane	s [6]		
Guidance Headings	67.0.l	F02B 39/00	Component pa F02B 33/00-F0	arts, details, or acce 2B 37/00	ssories relating to driv	en charging or scavenging pumps, not	provided for in groups	E
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## B. Patent Map Guidance (PMGS) – 1/14

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





### B. Patent Map Guidance (PMGS) – 2/14

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Classification			
Patent Map Guidance(PMGS)			
Click!			
	Patent Map Guidance(I You can refer to FI/F-term and retrieve a	PMGS) ? Help classification by keywords.	Search + List
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	F-term ( <u>Classification</u> )		
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### B. Patent Map Guidance (PMGS) – 3/14

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- ✓ 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>
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### B. Patent Map Guidance (PMGS) – 4/14

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### B. Patent Map Guidance (PMGS) – 5/14

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	• <u>1/00</u>	Details not covered by groups G06F 3/00-G06F 13/00 (architectures of general purpose stored programme computers G06F 15/76)
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Go down to the hierarchical		311 Structures of areas adjacent to large computers
		A Structures of computer rooms
$\mathbf{X}$ schedule of FI		B . Acoustic or seismic resistant structures
		C . Free-access floor structures
		D Seismic resistant structures
		E Floor structures

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



### B. Patent Map Guidance (PMGS) – 6/14

#### FI(List Indication)

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#### Display Type

O Target 
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FI	Explanation	Reference, etc.		
• <u>3/00</u>	Input arrangements for transferring data to be processed into a form capable of being handled by the computer; Output arrangements for transferring data from processing unit to output unit, e.g. interface arrangements [4]		5B041	HB
	A Related to connection, addition, cutoff, selection or switching the devices (W or Y takes precedence)		5B041	<u>HB</u>
	B . Active inserting or removal (inserting or withdrawing live wires) (Connections or disconnection without shutting off the power supply)		58041	HB
	C . Non-contact connecting circuits (DC insulated connection)		5B041	<u>HB</u>
	DOptical coupling		5B041	HB
	E Optical transfer (including transfers with optical fibers) (including optical buses)		5B041	HB
	F Circuits for connecting or shutting off the bus lines (including circuit connection of abnormal buses) e.g. bus width conversion		58041	<u>HB</u>
	G Bus driving circuits in general		5B041	<u>HB</u>
	H . Transmitters or receivers (including tristate buffers or latches)		5B041	HB
	From FI, corresponding theme code can b	)e		



### B. Patent Map Guidance (PMGS) – 7/14

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### B. Patent Map Guidance (PMGS) - 8/14



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Term	Explanation					
AA00	Input data This viewpoint covers the subject matter for data inputted with input devices. When input data are unknown, classification is not made under this viewpoint.					
AA01	. Numbers					
AA02	. Alphanumeric characters					
AA03	. Kana This place covers the subject matter for kana input of word processors or the like.					
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### B. Patent Map Guidance (PMGS) – 9/14

Patent Map Guidance(PMGS) ? You can refer to FI/F-term and retrieve a classification by	Help Search by Keywords.	d Search + List
Publication issued, and updates schedule, p	Dease refer to the <b>I</b> <u>NEWS</u> . Concordance Search	<mark>Query Screen</mark> ≻ FI
After selecting a query screen item, pleas Query Screen	se click on the search button (can but either one), type k FI I FI I FI Handbook F-term List F-term Description	F-term
Keyword	e.g. JPO AND	Keyword
Search Range(Classification) Display Type	●.g, 28+58001 ● List ◎ Target ◎ The same Hierarchy	Q Search
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## B. Patent Map Guidance (PMGS) – 10/14

### The search results list is displayed.

- Query Screen = FI
- Keyword = toy

Click the FI "<u>A41D11/00@K</u>".





## B. Patent Map Guidance (PMGS) – 11/14

	FI(List Indication This screen shows all FIs • Display Type List © Target	Main group "A41D11/00" contained in the main group "A41D11/00". (HB : FI Handbook)
	FI	Explanation
	• <u>11/00</u>	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
Clickod		J . Adjustment of height
		K. Equipped with a tov
		L . for both men and women



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### B. Patent Map Guidance (PMGS) – 13/14





# B. Patent Map Guidance (PMGS) – 14/14

**Details of JP publication** 

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This means	s "F-term"	/ F-term codes
Fターム 3E142 EA	13 GA04 JA02	
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