Topic 9

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

IPC - International Patent Classification

IPC-Related Internet Resources

Koichi MATSUSHITA
IPC Section, World Intellectual Property Organization (WIPO)

Regional Seminar
December 2013
Tokyo, Japan

WIPO Homepage

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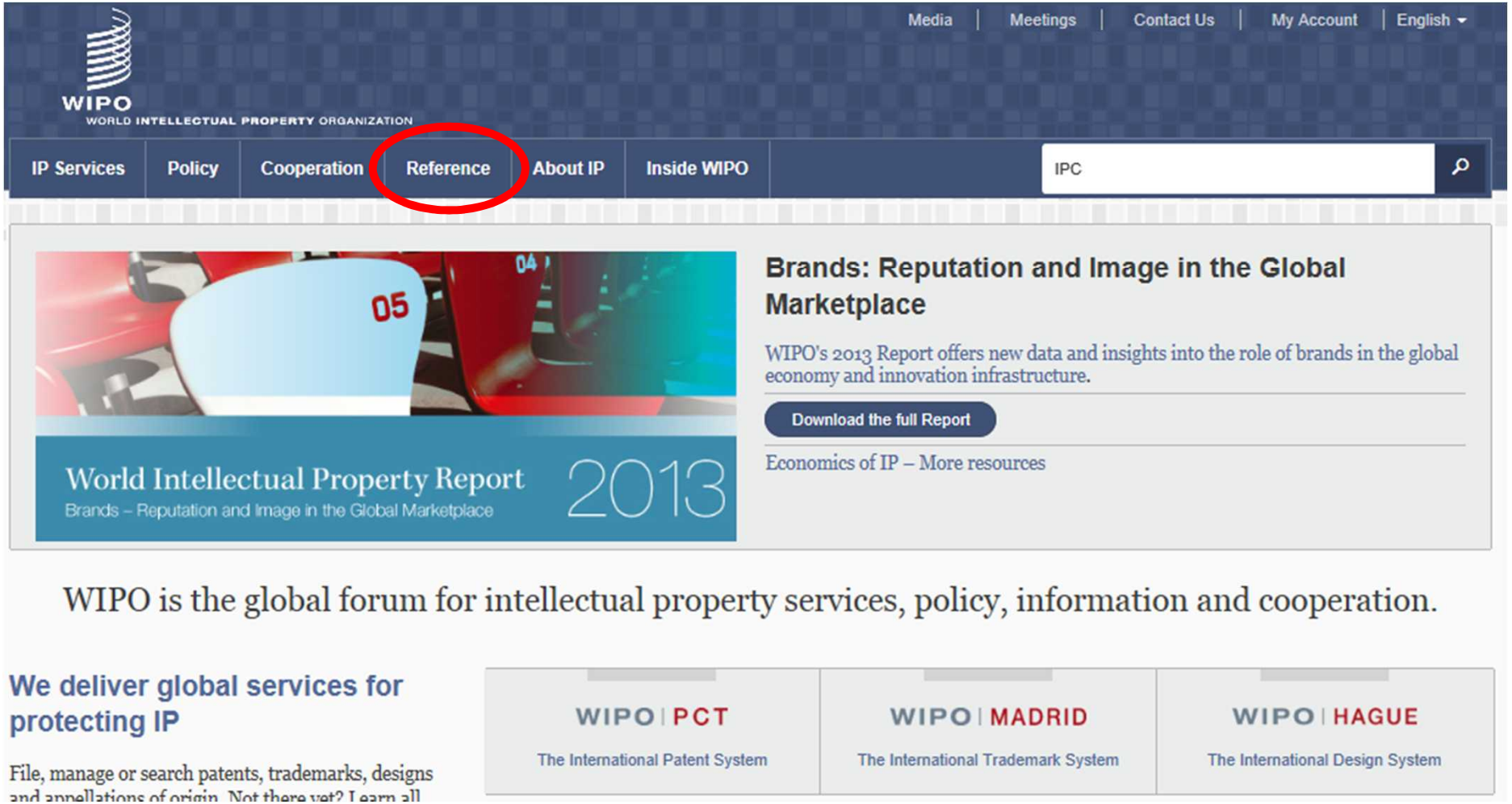

WIPO Homepage > Reference

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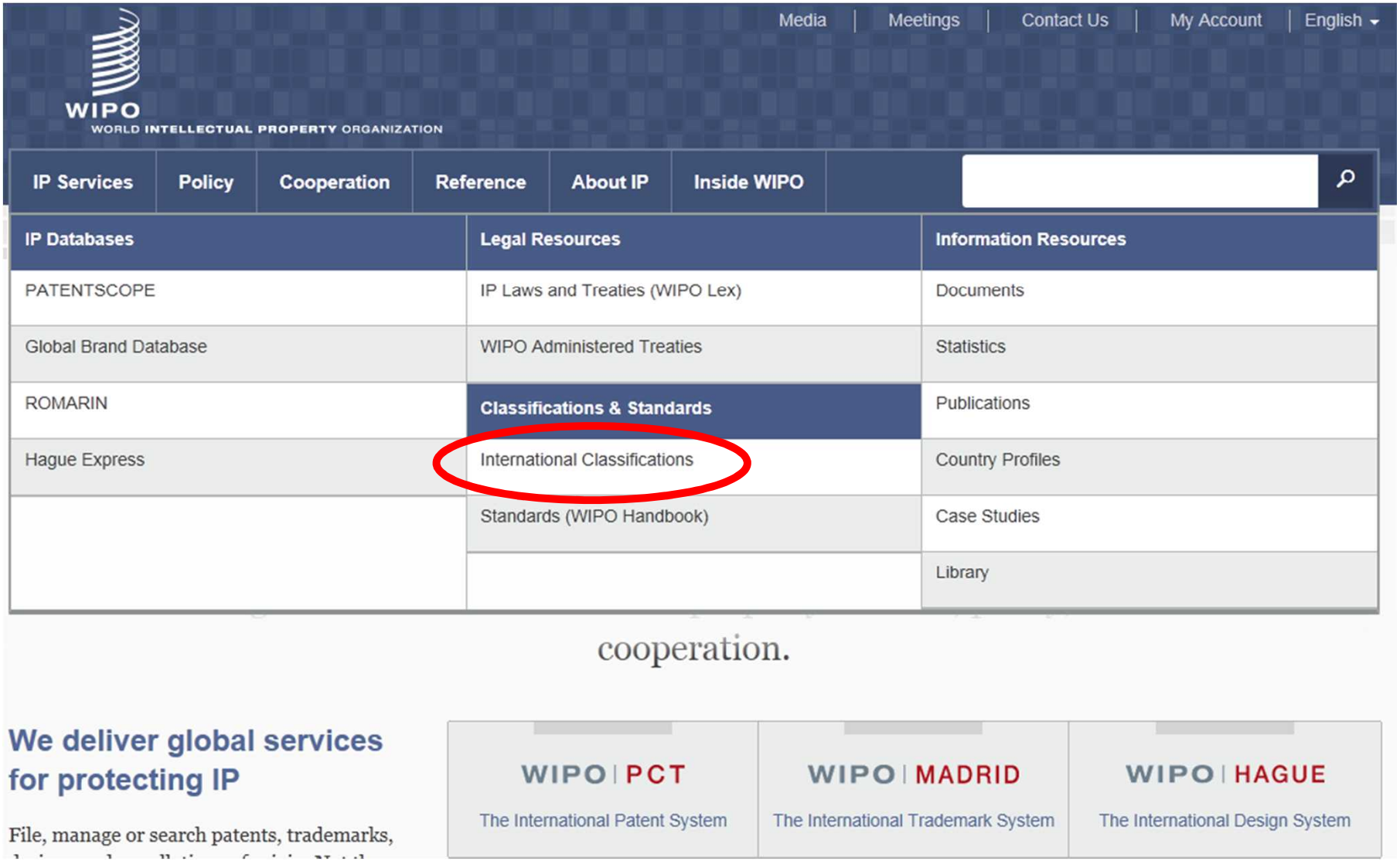

International Classifications

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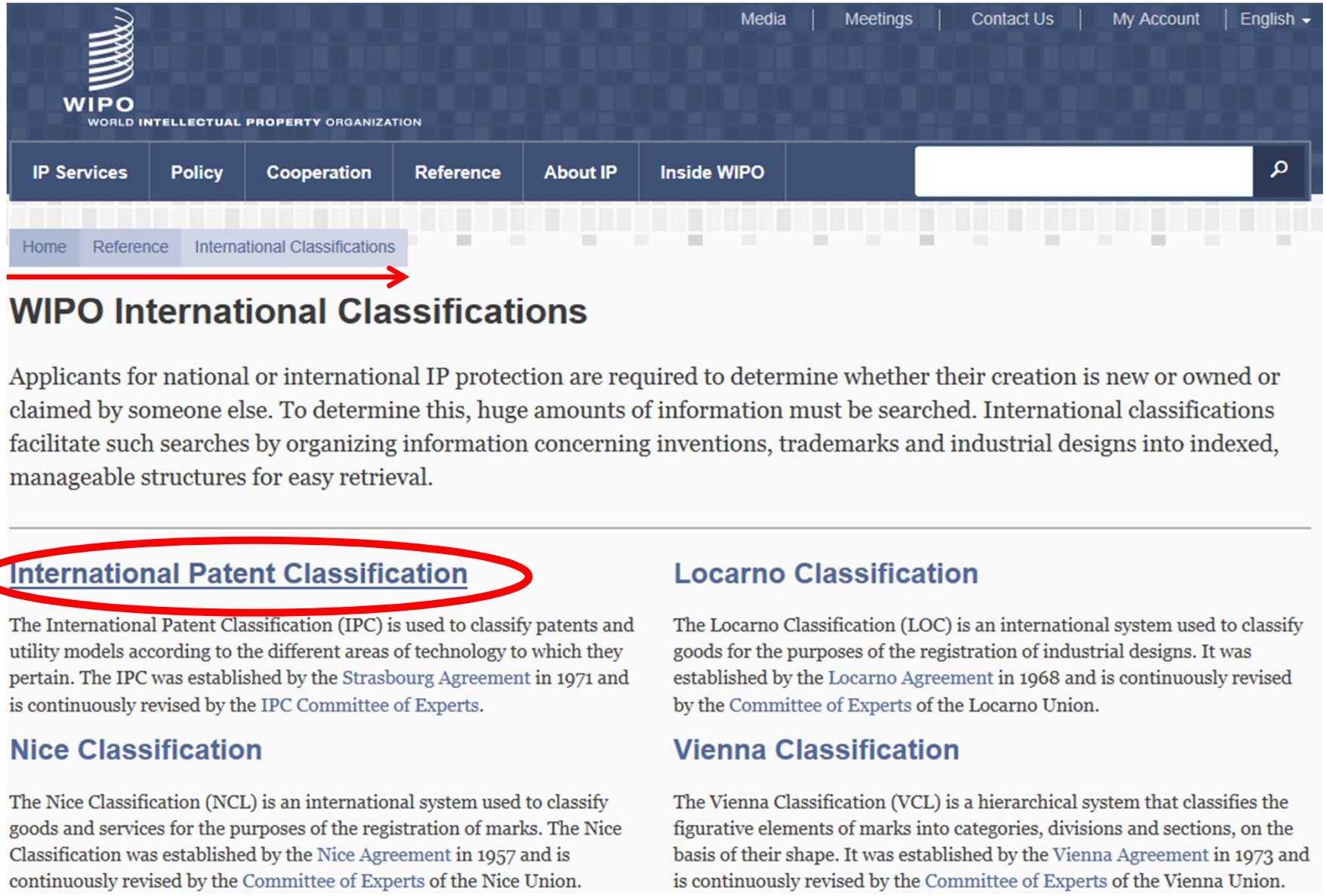

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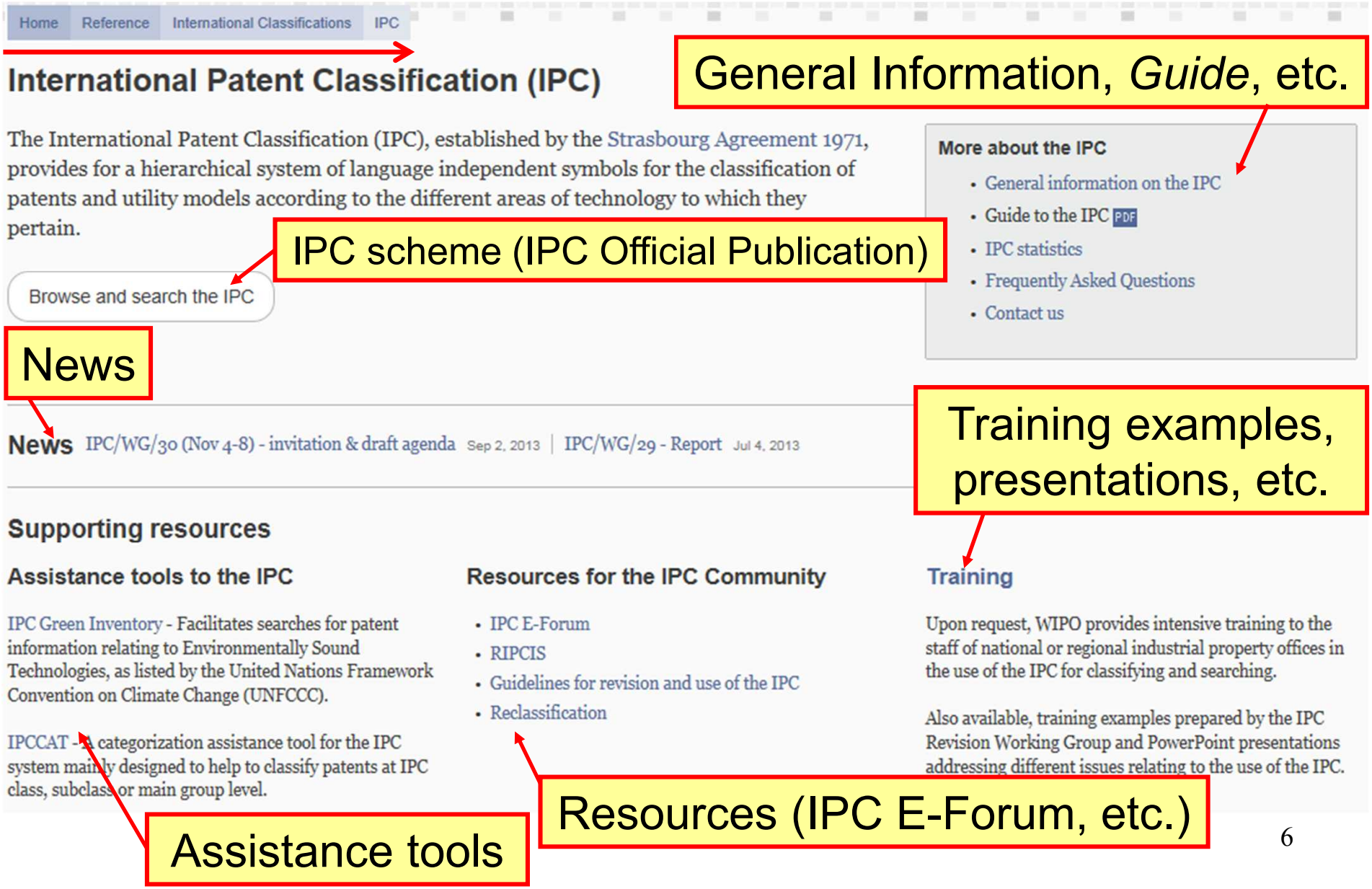
IPC Homepage

- ✓ URL: http://www.wipo.int/classifications/ipc/en/
- ✓ General information on IPC; *Guide* to the IPC
- ✓ Browse and search the IPC
- ✓ Information on IPC-related meetings
- ✓ Links to assistance tools (IPCCAT, etc.)
- ✓ Resources for IPC Community (IPC E-Forum, etc.)
- ✓ Training material and presentations
- ✓ Download and IT Support: PDF, XML, file specifications, DTDs, etc.

International Patent Classification(IPC)



International Patent Classification(IPC)

Download and IT support

We provide IPC master files and their by-products as well as some of the tools used to create them. In case of inconsistency between master files and their by-products, the master files are the reference.

All files can be freely downloaded and stored, copied, modified (layout or format printed, used to create derivative products and publicly displayed. WIPO's copyr should be acknowledged in respect of the use of data from the authentic versions IPC in public products and services.

Quick access

- IPC-2014.01 files and data
- IPC-2013.01 files and data
- Older editions

IT Support (IPC master files, etc.)

Meetings of IPC bodies

Regular meetings

- Special Union for the International Patent Classification (IPC Union): Assembly
- Committee of Experts of the IPC Union
- IPC Revision Working Group

Circulars are available in respective meeting pages.

Non-regular and discontinued meetings

- ad hoc IPC Reform Working Group
- IPC-related Seminars
- IPC Advanced Level Subcommittee

Latest

- IPC Revision Working Group: Thirtieth session (November 4 to 8, 2013)
- IPC Revision Working Group: Twenty-ninth session (May 13 to 17, 2013)

IPC-related meetings and seminars

Related links

PATENTSCOPE database

Using PATENTSCOPE you can search through more than 30 million patent documents including 2.2 million international patent applications submitted under the PCT.

Other International Classifications

Nice (goods and services for registration of marks)

Vienna (figurative elements of marks)

Locarno (industrial designs)

WIPO standards

WIPO's Handbook on Industrial Property Information and Documentation is the authoritative source of the Organization's standards, recommendations and guidelines in the field of industrial property information and documentation.

PATENTSCOPE

IPC-related internet resources

Resources hosted by WIPO

- ✓ IPC Official Publication
  - Catchward Index
  - Terms
  - STATS
  - IPCCAT
- ✓ IPC E-Forum
- ✓ PATENTSCOPE, etc.

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IPC Official Publication

- ✓ Available at:

  http://web2.wipo.int/ipcpub/#refresh=page

  - Master Files for local installations
  - PDF files for download
- ✓ English and French as official languages
- ✓ Other language versions provided by national Offices
  - Accessible via link (Bridge)

IPC Official Publication

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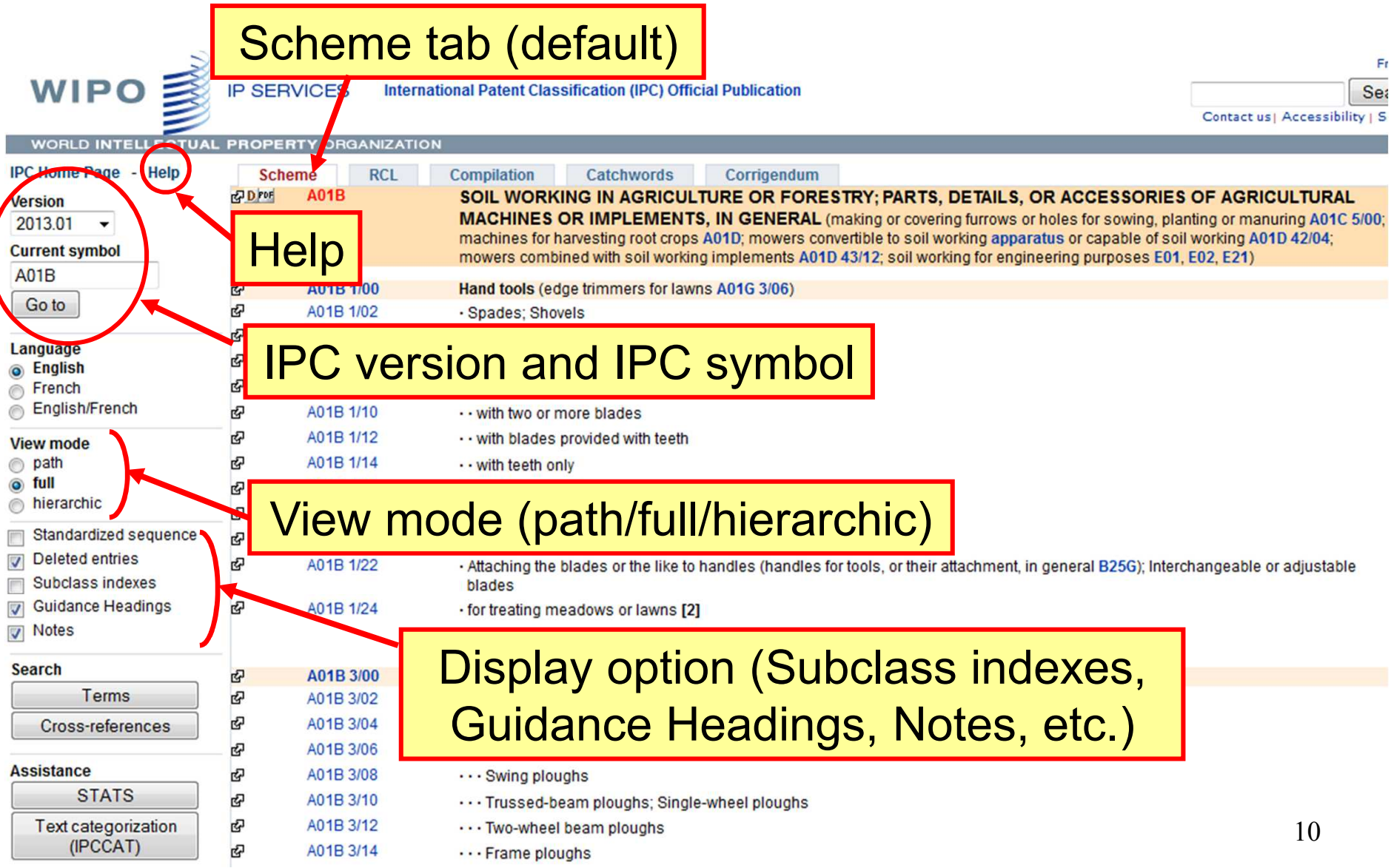

IPC Scheme - PDF file

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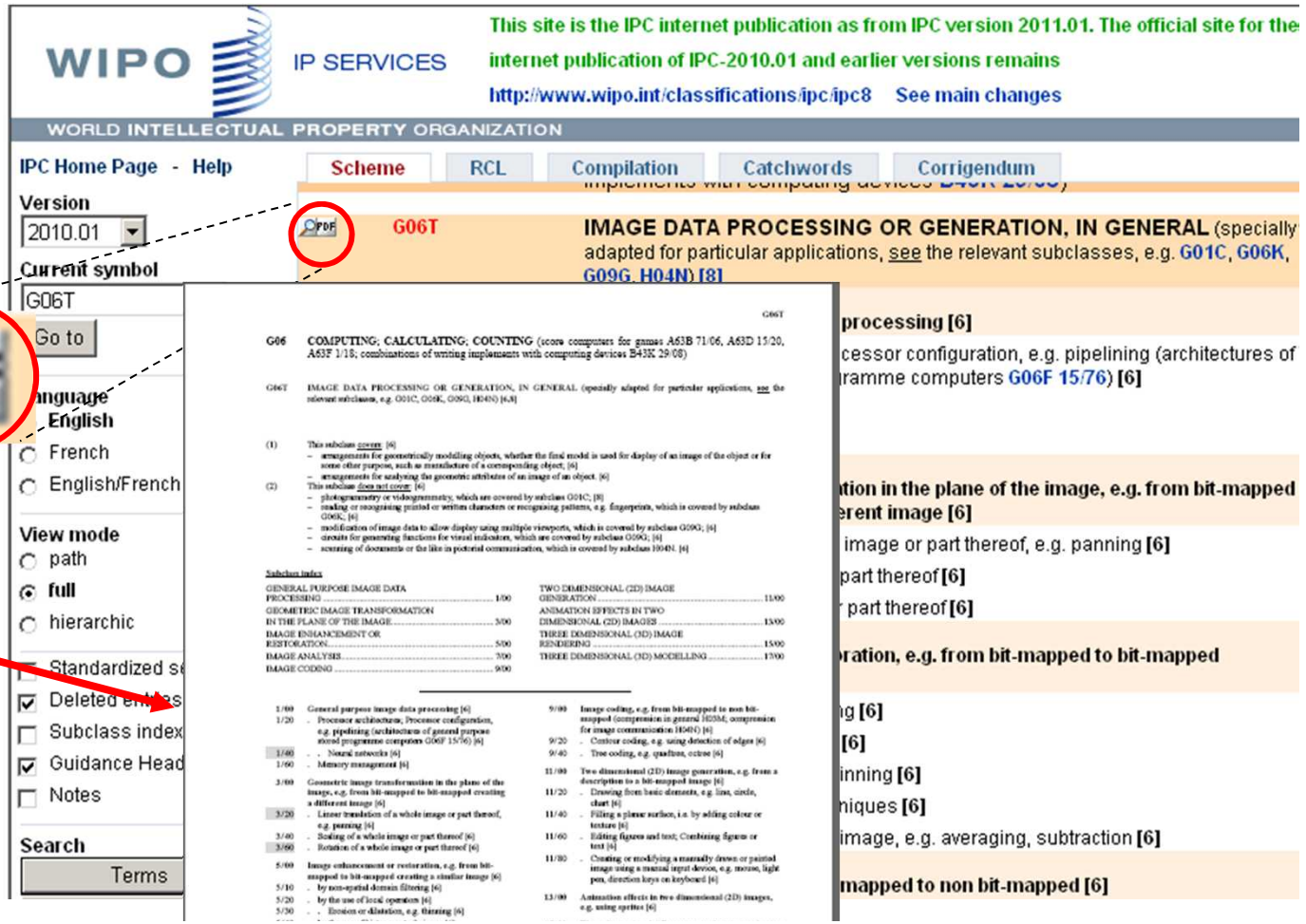

Download IPC scheme (PDF file)

All PDF files are available at Download and IT support area:

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

Additional information in the IPC

- ✓ Supplementary to the IPC scheme
- ✓ Accessible via links/icons
  - Definitions of subclass/group when available
  - Terms in scheme are linked to Glossary of Terms in Definitions (e.g. A01F)
  - Illustrations, Chemical formulae
    (e.g. C07D499/00, F23B50/02)
  - Bridge

Definitions

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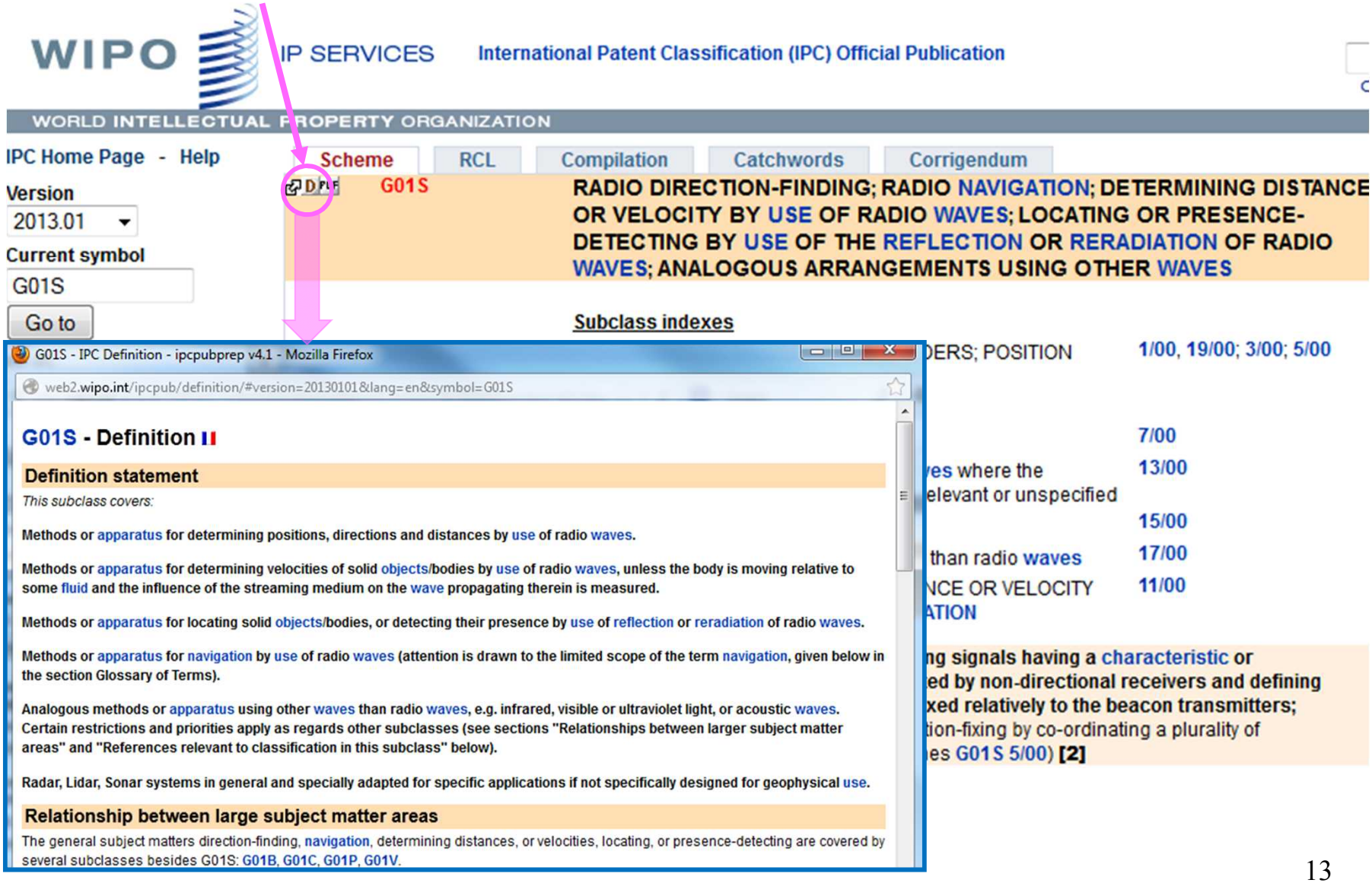

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Definitions

Contents:

- ✓ Broader explanation of scope
- ✓ Relations to other related/similar areas
- ✓ References
- ✓ Special rules
- ✓ Glossary (terms in scheme linked to glossary)
- ✓ Synonyms, e.g. alternative expressions used in patent documents

Bridge

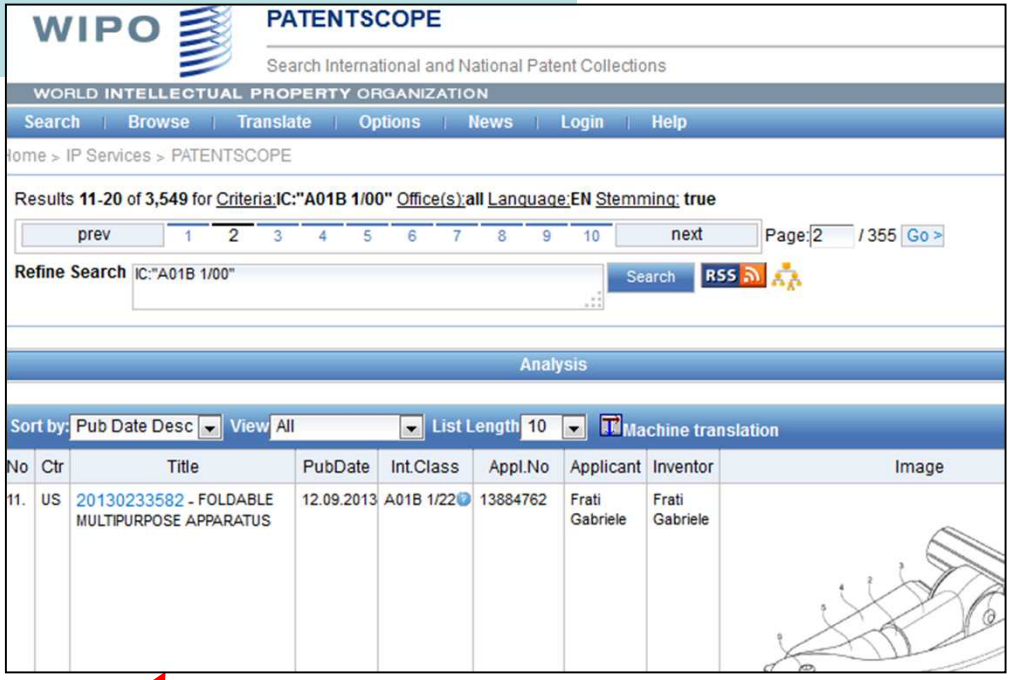
Allows quick bridging/access to:

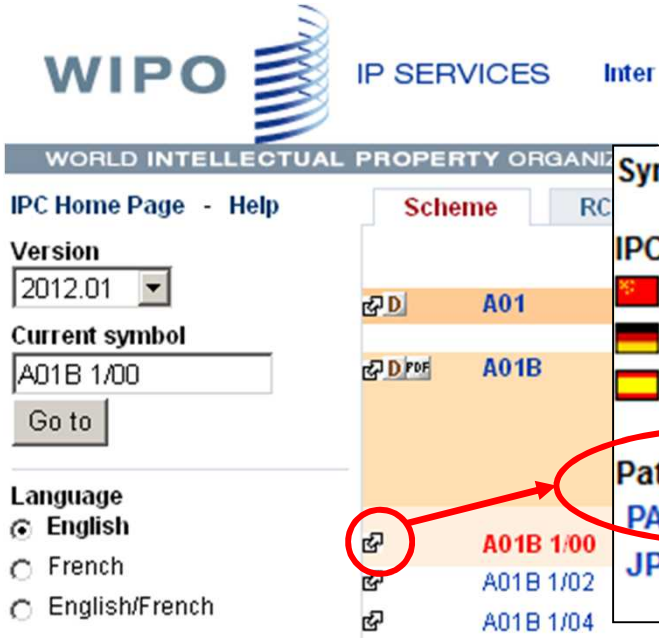
- ✓ IPC National translations
- ✓ Other classifications (CPC, FI/F-term, etc.)

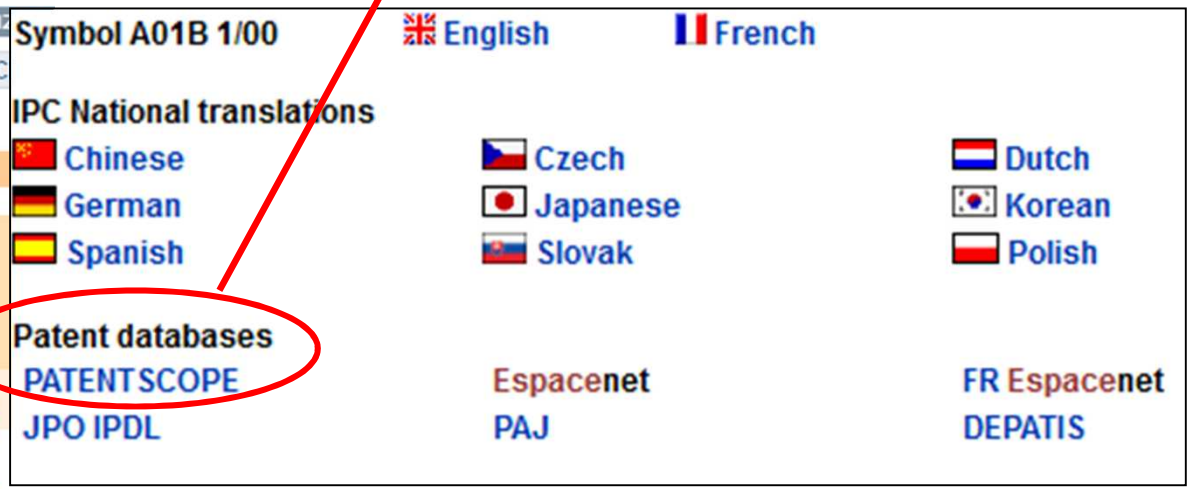
Bridge

Allows quick access to:

- ✓ Patent databases (Patentscope, Espacenet, IPDL, etc.) for selected symbol







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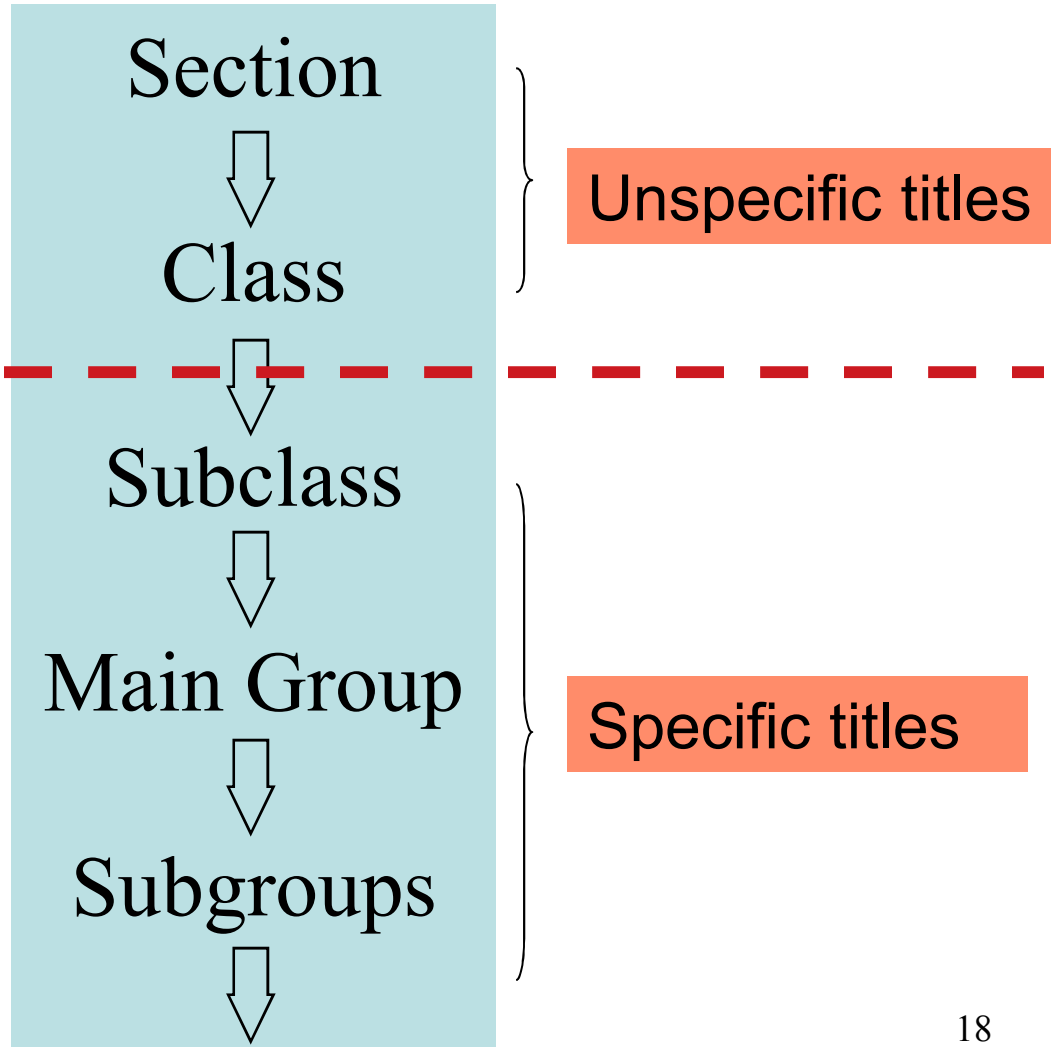
Selecting / Finding IPC place

- ✓ Different approaches/strategies:
  - Browsing the IPC scheme
  - Catchword Index
  - Terms (text search of the IPC)
  - IPCCAT (automated classification tool)
  - STATS (statistical approach by PATENTSCOPE)

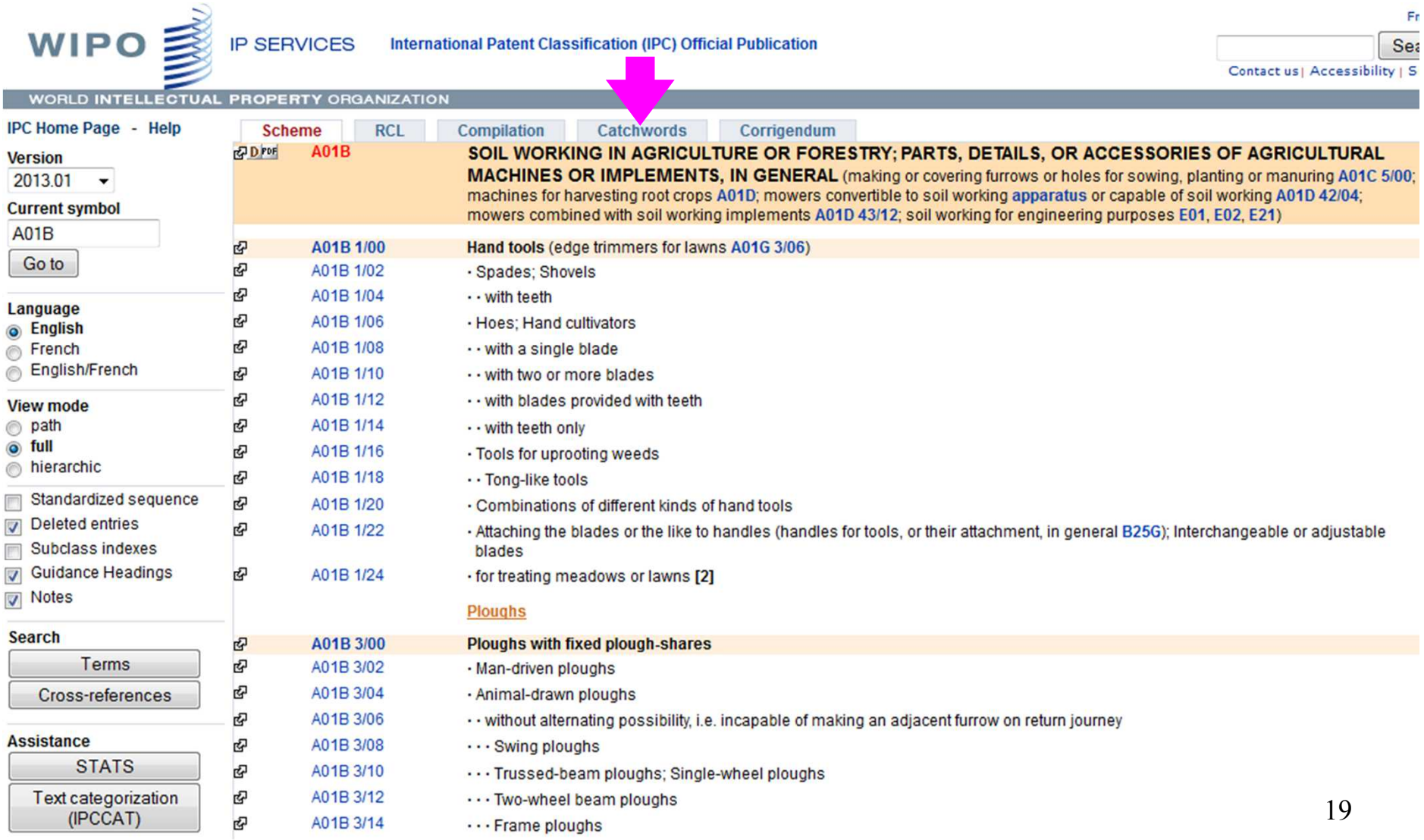
Browsing the IPC scheme

Simple approach:

- ✓ **Browsing the IPC**



Catchword Index



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Catchword Index

Terms (text search of the IPC)

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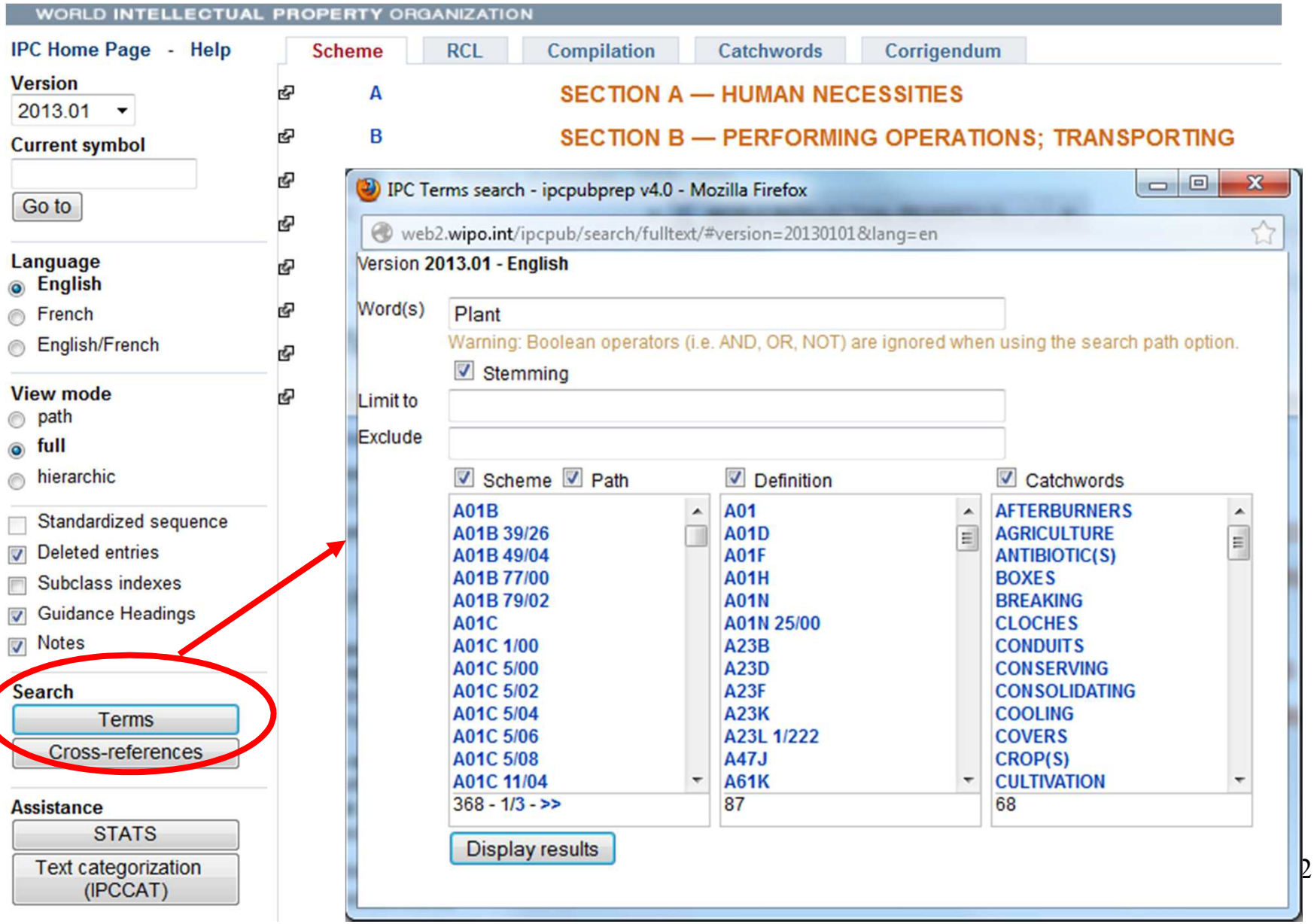
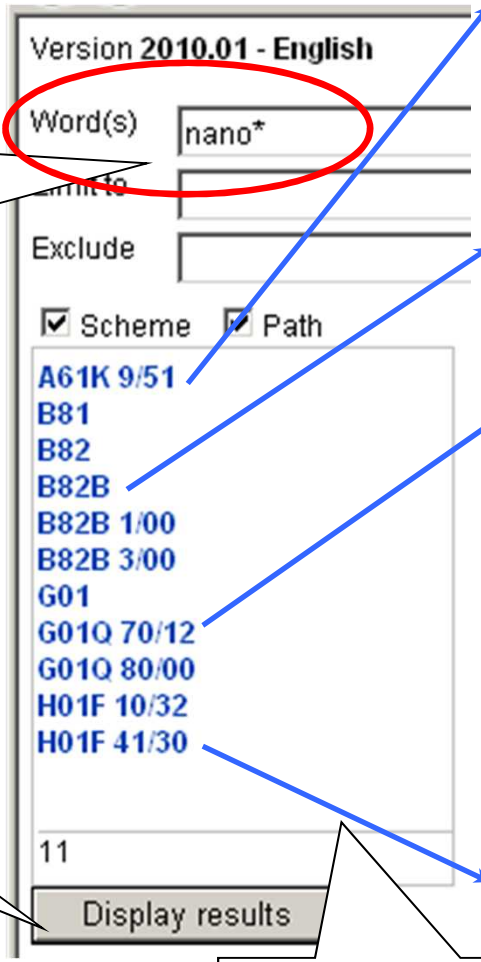


Terms

1. Input keyword (e.g. " nano* ")



2. Display results

A61K 9/51 ... Nanocapsules

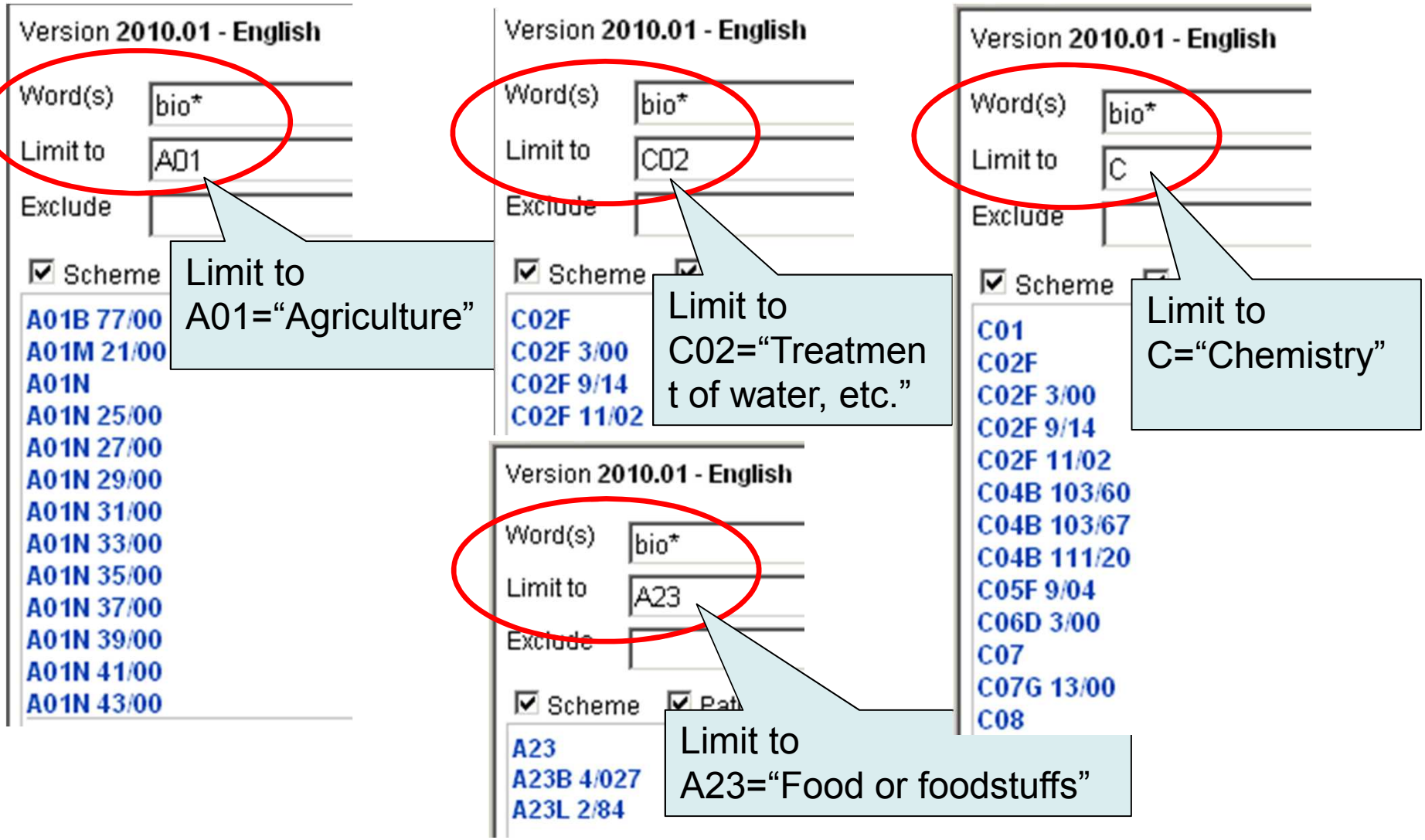
B82	NANO-TECHNOLOGY [7]
B82B	NANO-STRUCTURES; MANUFACTURE [7]
B82B 1/00	Nano-structures [7]
B82B 3/00	Manufacture or treatment of nano-structures

G01Q 70/12 ... *Nano-tube tips*

H01F	MAGNETS; INDUCTANCES; TRANSFOR MATERIALS FOR THEIR MAGNETIC PR based on ferrites C04B 35/26; alloys C22C; ther 37/00; loudspeakers, microphones, gramopho electromechanical transducers H04R) [2]
H01F 41/00	Apparatus or processes specially adapted for assembling the devices covered by this subcl
H01F 41/14	• for applying magnetic films to substrates (cove with metals, in general C23C; manufacturing r [3]
H01F 41/30	•• for applying nanostructures, e.g. by molecula

3. Links to the IPC scheme

Terms


Version 2010.01 - English
Word(s) bio*
Limit to A01
Exclude
Scheme
A01B 77/00
A01M 21/00
A01N
A01N 25/00
A01N 27/00
A01N 29/00
A01N 31/00
A01N 33/00
A01N 35/00
A01N 37/00
A01N 39/00
A01N 41/00
A01N 43/00
Limit to A01="Agriculture"
Version 2010.01 - English
Word(s) bio*
Limit to C02
Exclude
Scheme
C02F
C02F 3/00
C02F 9/14
C02F 11/02
Limit to C02="Treatment of water, etc."
Version 2010.01 - English
Word(s) bio*
Limit to A23
Exclude
Scheme
A23
A23B 4/027
A23L 2/84
Limit to A23="Food or foodstuffs"
Version 2010.01 - English
Word(s) bio*
Limit to C
Exclude
Scheme
C01
C02F
C02F 3/00
C02F 9/14
C02F 11/02
C04B 103/60
C04B 103/67
C04B 111/20
C05F 9/04
C06D 3/00
C07
C07G 13/00
C08
Limit to C="Chemistry"

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IPCCAT (categorization tool)

- ✓ A categorization assistance tool for the IPC designed to help to classify patent documents at IPC subclass/main group level
- ✓ Designed with the concept of full phrases describing the technical subject matter (not a keyword search tool)
- ✓ Upload of document is possible
- ✓ Based on artificial neural network
- ✓ It is suggested that patent abstracts be used (at the minimum), and not a random selection of text from the patent description
- ✓ Need to consult the IPC scheme
- ✓ Available at: https://www3.wipo.int/ipccat/

IPCCAT

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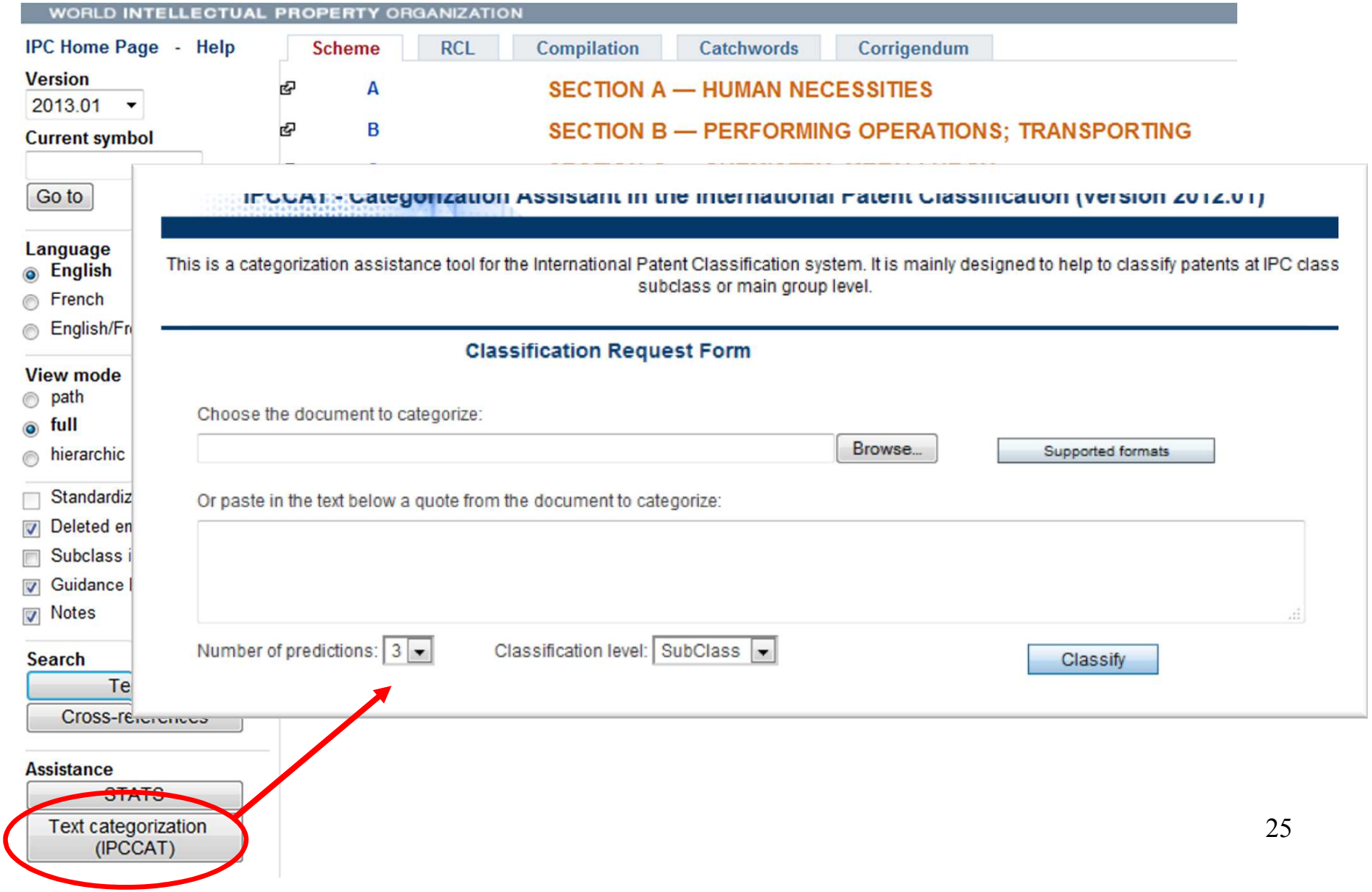
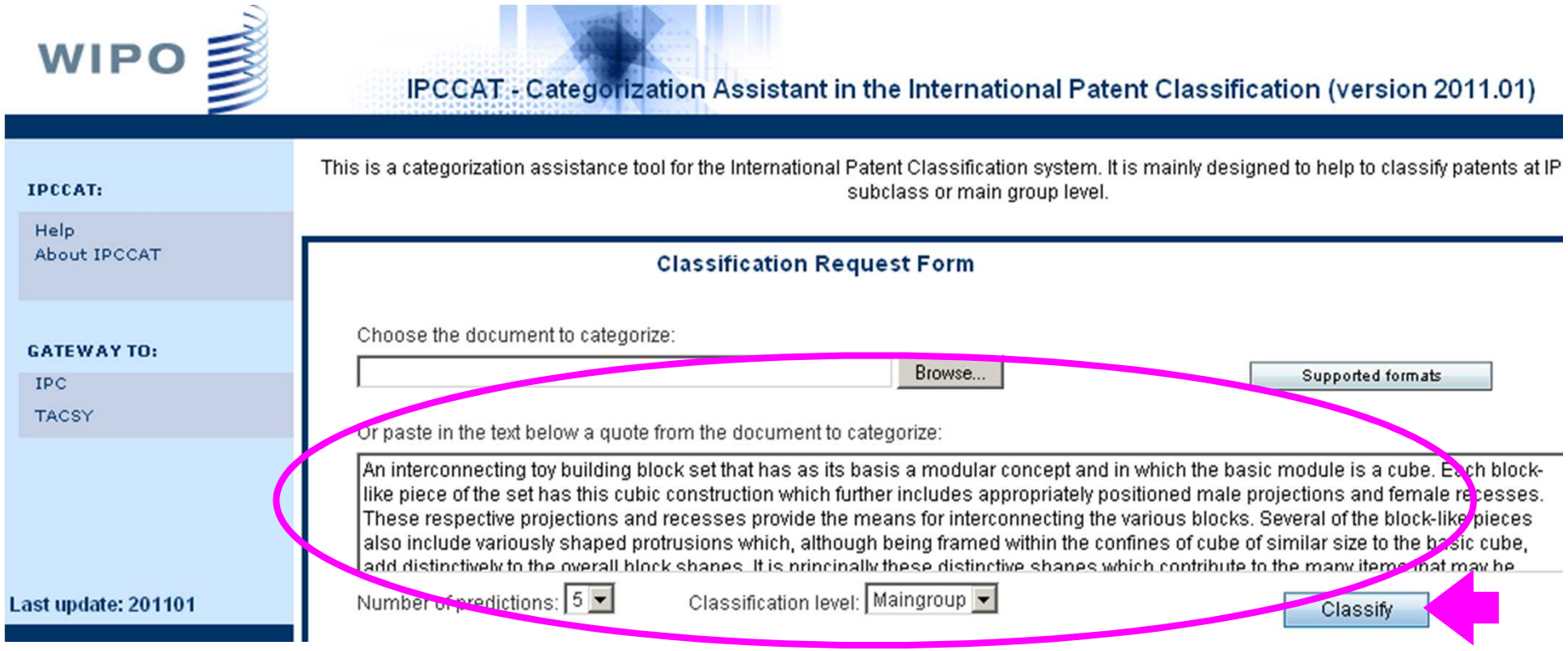


IPCCAT


WIPO
IPCCAT - Categorization Assistant in the International Patent Classification (version 2011.01)
IPCCAT:
Help
About IPCCAT
GATEWAY TO:
IPC
TACSY
Last update: 201101
This is a categorization assistance tool for the International Patent Classification system. It is mainly designed to help to classify patents at IP subclass or main group level.
Classification Request Form
Choose the document to categorize:
Browse...
Supported formats
Or paste in the text below a quote from the document to categorize:
An interconnecting toy building block set that has as its basis a modular concept and in which the basic module is a cube. Each block-like piece of the set has this cubic construction which further includes appropriately positioned male projections and female recesses. These respective projections and recesses provide the means for interconnecting the various blocks. Several of the block-like pieces also include variously shaped protrusions which, although being framed within the confines of cube of similar size to the basic cube,
Number of predictions: 5
Classification level: Maingroup
Classify

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IPCCAT

IPCCAT:

Help
About IPCCAT

GATEWAY TO:

IPC
TACSY
Start

VIEW:

Submitted text

Suggested IPC Categories

Confidence	IPC	Description	Refine
★★★	A63H 33/00		
★★	A63F 9/00		
★	A47B 47/00		
★	H01R 31/00		
★	E04B 2/00		

STATS (Statistical approach)

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- ✓ Identifies IPC places most frequently referenced in the PATENTSCOPE database searched by particular terms
- ✓ Statistical presentation of the search results is performed according to IPC subclasses and groups
- ✓ Search by simple terms and multi-term (combination of simple terms separated by a space) in all patent collections of the PATENTSCOPE

STATS

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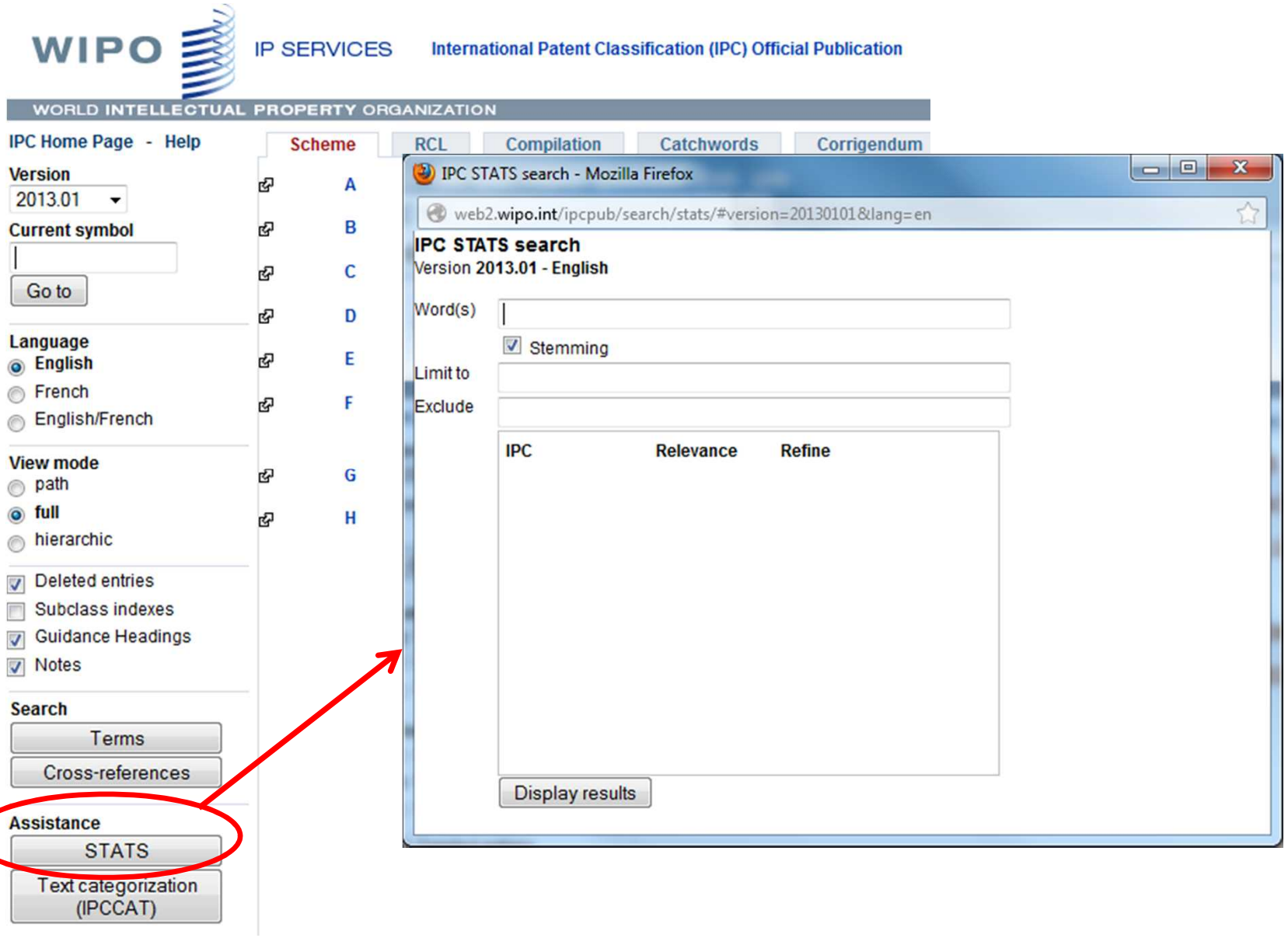

STATS

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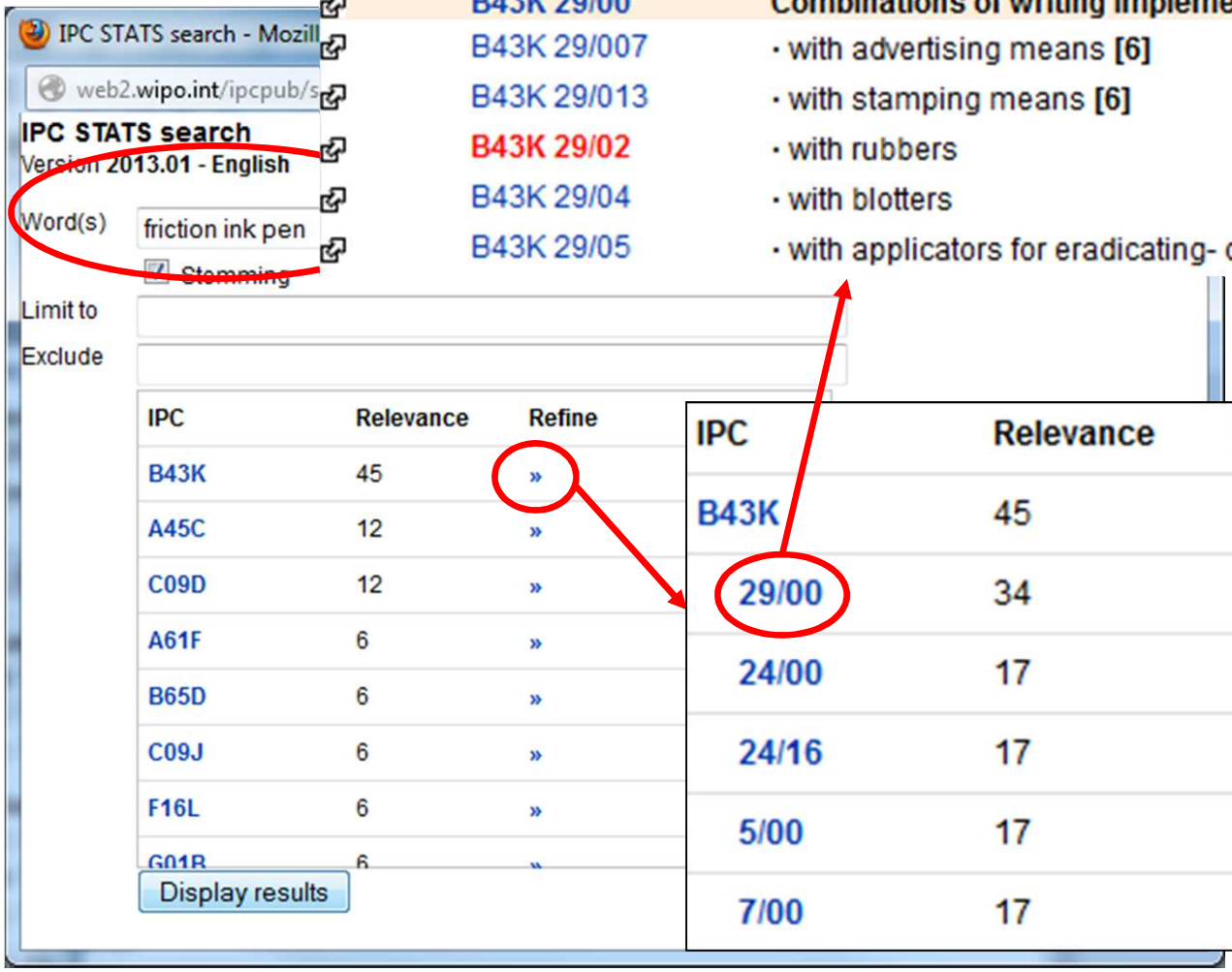
B43	**WRITING OR DRAWING IMPLEMENTS; BUREAU ACCESSORIES**
B43K	**IMPLEMENTS FOR WRITING OR DRAWING** (containers, casings or accessories for cosmetic substances, e.g. shaving soap, lipstick, make-up, A45D 34/00, A45D 40/00)
B43K 29/00	**Combinations of writing implements with other articles**
B43K 29/007	· with advertising means **[6]**
B43K 29/013	· with stamping means **[6]**
B43K 29/02	· with rubbers
B43K 29/04	· with blotters
B43K 29/05	· with applicators for eradicating- or correcting-liquid **[6]**



IPC	Relevance	Refine
B43K	45	«
29/00	34	
24/00	17	
24/16	17	
5/00	17	
7/00	17	

STATS

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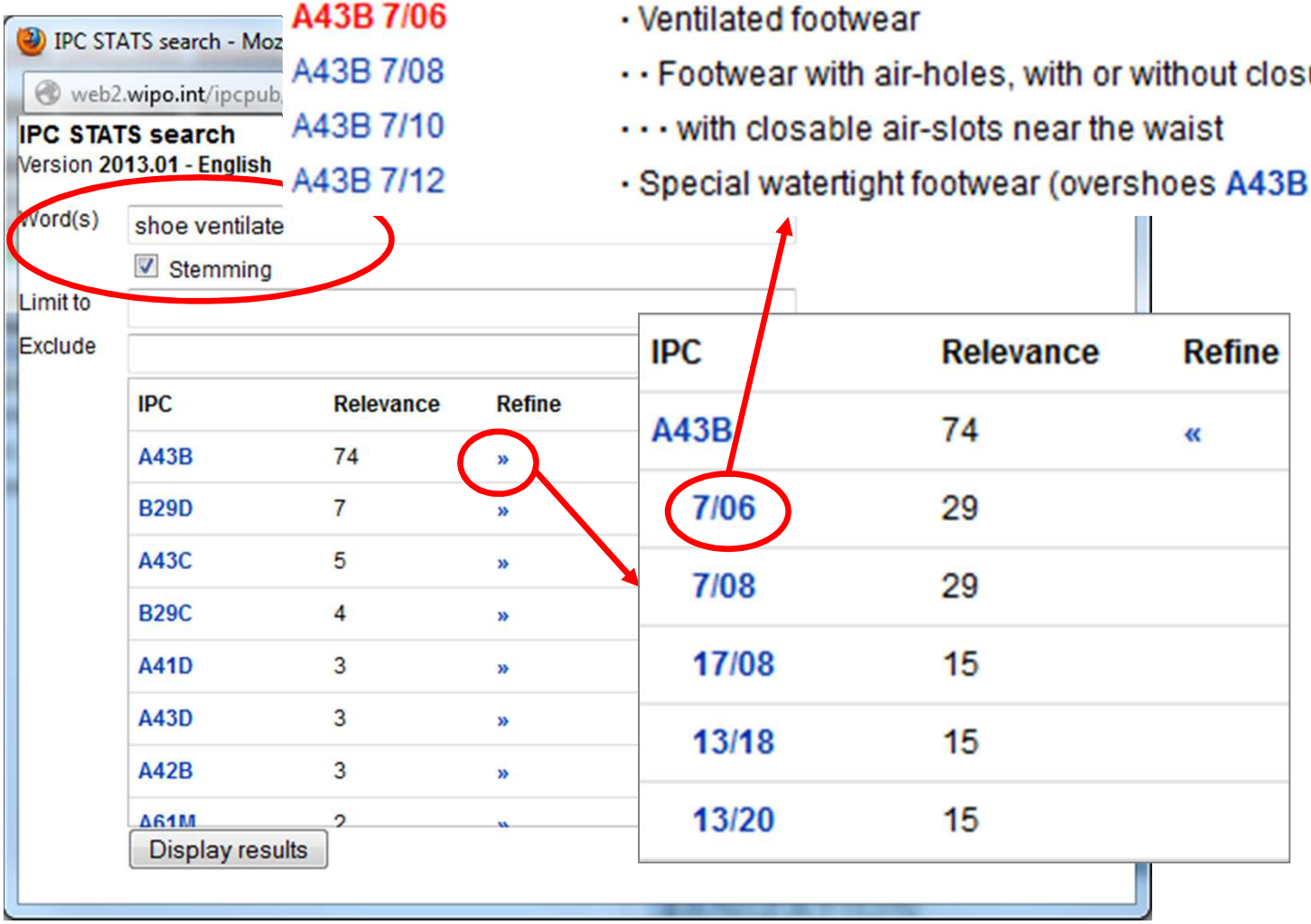
A43B 7/00	**Footwear with health or hygienic arrangements**
A43B 7/02	· Footwear with heating arrangements (footwarmers **A61F 7/08**; electric heating elements **H05B**)
A43B 7/04	· · Footwear with electric batteries, generators, or the like
A43B 7/06	· Ventilated footwear
A43B 7/08	· · Footwear with air-holes, with or without closures
A43B 7/10	· · · with closable air-slots near the waist
A43B 7/12	· Special watertight footwear (overshoes **A43B 3/16**)



STATS

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Version
2013.01

Current symbol
E06B 7/23
Go to

Language
- English
- French
- English/French

View mode
- path
- full
- hierarchic

- Standardized sequence
- Deleted entries
- Subclass indexes
- Guidance Headings
- Notes

Search
Terms
Cross-references

Assistance
STATS

E	SECTION E — FIXED CONSTRUCTIONS
E06	DOORS, WINDOWS, SHUTTERS, OR ROLLER BLINDS, IN GENERAL; LADDERS
E06B	FIXED OR MOVABLE CLOSURES FOR OPENINGS IN BUILDINGS, VEHICLES, FE ENCLOSURES, IN GENERAL, e.g. DOORS, WINDOWS, BLINDS, GATES (shades o 9/22; curtains A47H; lids for car boots or bonnets B62D 25/10; sky-lights E04B 7/18; sunshades,
E06B 7/00	Special arrangements or measures in connection with doors or windows (screening or simila
E06B 7/16	· Sealing arrangements on wings or parts co-operating with the wings (E06B 7/098 takes preced
E06B 7/22	· · by means of elastic edgings, e.g. elastic rubber tubes; by means of resilient edgings, e.g. felt c strips (E06B 7/18 takes precedence)
E06B 7/23	· · · Plastic, sponge rubber, or like strips or tubes
E06B 7/232	· · · Resilient strips of hard material,

IPC STATS search - Mozilla Firefox

web2.wipo.int/ipcpub/search/stats/#version=20130101&lang=en

Version 2013.01 English

Word(s): sealing strip door

Stemming

Limit to:

Exclude:

IPC	Relevance	Refine
E06B	30	»
B60J	24	»
E05D	10	»
B29C	7	»
C08L	7	»
F25D	6	»
E05B	6	»
B60R	5	»

Display results

IPC	Relevance	Refine
E06B	30	«
7/23	31	
5/16	26	
3/48	19	
3/70	14	
3/46	12	