CPC classification at the
Finnish Patent and Registration Office

Pekka Laihanen

Feb 6th, 2018

CPC Fifth Annual meeting, Geneva

PRH PATENTTI- JA REKISTERIHALLITUS

CPC Classification / Search

Systematic ECLA/CPC classification since 2004

***including*:**
national applications,
utility models, and
PCT-applications

ECLA/CPC symbols have ”always” been used for search

tutrap-en.pdf - Adobe Reader

Tiedosto Muokkaa Näytä Ikkuna Ohje

1 / 2 120%

FINNISH PATENT AND REGISTRATION OFFICE
Patents and Innovations Line
P.O. Box 1160
FIN-00101 Helsinki

SEARCH REPORT

PATENT APPLICATION No.	CLASSIFICATION	
20071025	Int.Cl. ***G06T 7/00*** (2006.01) ***H04N 5/067*** (2006.01)	CPC **G06T 7/001** **H04N 5/0675**

PATENT CLASSES SEARCHED
(classification systems and classes)

IPC

DA

EP

DO

Cat

PATENTTI- JA REKISTERIHALLITUS
Patentti- ja rekisterihallitus
00091 PRH

TUTKIMUSRAPORTTI

HYÖDYLLISYYSMALLI-HAKEMUS NRO	HYÖDYLLISYYSMALLI NRO	LUOKITUS, IPC	
U20160129	11841	IPC ***G05D 23/19*** (2006.01) *H05B 1/02* (2006.01) *G05B 19/042* (2006.01) *G05B 15/02* (2006.01) *F24F 11/00* (2006.01)	CPC **G05D 23/1904** **G05D 23/1917** G05D 23/1905 H05B 1/0225 G05B 19/0426 G05B 15/02 F24F 11/0009

TUTKITUT PATENTTILUOKAT
(luokitusjärjestelmät ja luokkatiedot)

IPC: G05D, H05B

TUTKIMUKSESSA KÄYTETYT TIETOKANNAT

EPODOC, EPO-Internal full-text databases, Full-text translation databases from Asian languages, WPIAP, XP3GPP, XPAIP, XPESP, XPETSI, XPI3E, X

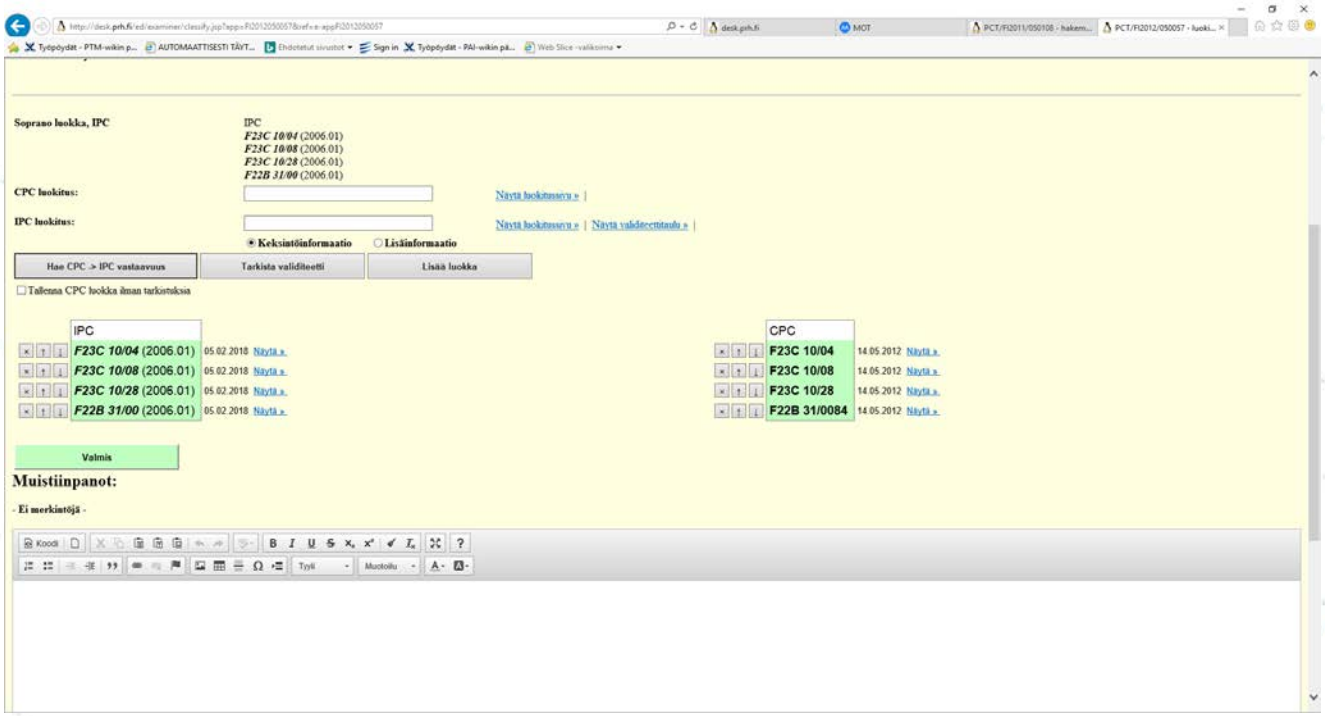
National Search Reports with IPC and CPC

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI2012/050057

CLASSIFICATION OF SUBJECT MATTER

IPC
F23C 10/04 (2006.01)
F23C 10/08 (2006.01)
F23C 10/28 (2006.01)
F22B 31/00 (2006.01)



PCT search reports: just IPC

(even though also CPC-symbols are given)

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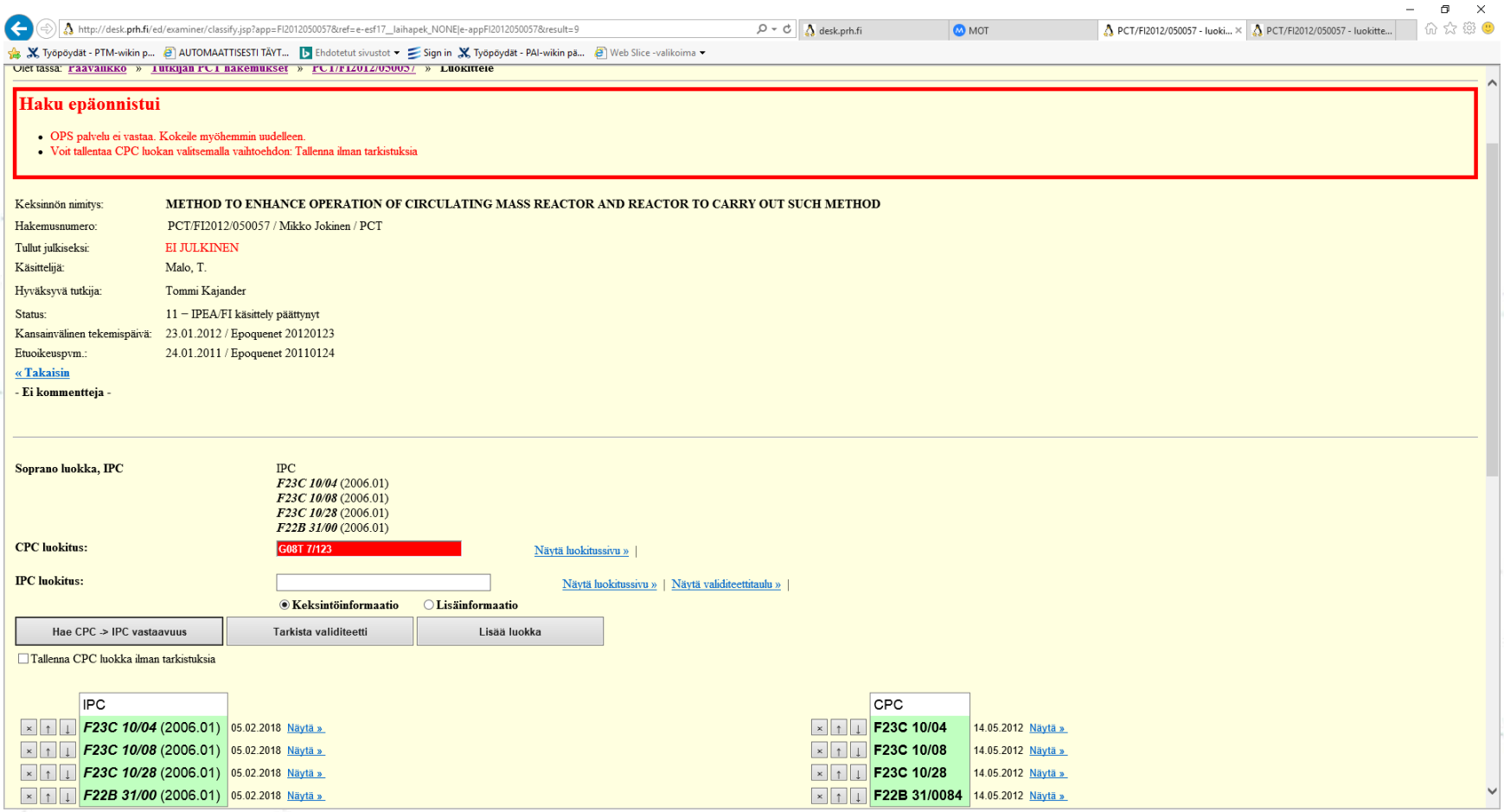
No (specific) CPC Quality Assurance Process (maybe in the future)



Naturally our classification tool does not accept invalid symbols but there is no any specific process for CPC quality assurance.

Classification may be assessed as a part of our general examination quality assurance process.

PRH PATENTTI- JA REKISTERIHALLITUS

CPC comparisons with other offices

(CPC-classifications within the same family)

- similar methodology as used by the EPO
- different offices may be used as benchmarks (FI, EP, US, SE …)
- no efforts to measure the quality of the classifications

Information for our examiners / training

As a part of our CPC training program (that also includes some ”general” training) CPC-comparison reports were sent to all examiners

(e.g. EP vs. FI)

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FI20100180
PRH: A61B6/03,A61B6/10,A61B6/035
FAM: A61B6/035

FI20100182
PRH: A61B6/035,A61B6/04,A61B6/03
FAM: A61B6/032,A61B6/04,A61B6/4405,A61B6/035

FI20105476
PRH: G01S17/95,G01W1/02,H01S3/137,G02B5/28
FAM: G01S7/4814,G01K2213/00,G01S17/95,G02B26/001,H01S5/4062,
G02B5/28,G01W1/00,G01S7/4815

FI20105934
PRH: A61B6/08,A61B6/14
FAM: A61B6/545,G06K9/3241,G06T7/0012,A61B6/14

FI20105936
PRH: A61B8/0875,A61B8/5223,A61B8/5292,A61B8/0858,A61B5/4509,
A61N7/00,A61B6/00,A61B8/00
FAM: A61B8/0875,A61B8/5223,A61B6/505,A61B8/5292,A61B8/0858
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TÄRKEIMMÄT ANALYYSITULOKSET VUOSITTAIN:

Oikeellisuus ja kattavuus keskimäärin sekä nollatapausten osuus ja vertailujen määrä vuosina 2010 - 2014:

vuosi	oik.	kat.	0-vast.	vert. lkm
2010	50.0 %	56.0 %	0 %	5
2011	66.7 %	15.6 %	0 %	3
2012	49.8 %	48.9 %	11 %	9
2013	33.3 %	100.0 %	0 %	1
2014	0.0 %	0.0 %	0 %	0

Might have been the last and only chance to do this properly

(FI CPC data is almost up-to-date in (and only in) PRH’s national data bases but further updating may utilize some kind of family-level integration)

CPC data exchange

- Very simple: XML-files by e-mail

- Only national patent applications (no utility models, no PCT)

- CPCNO data (in EPO data bases) is partially outdated
  - Reclassification is not comprehensive

(only national patent applications are reclassified (to a certain extent))

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CPC working lists cannot be (fully) utilized
(a proper CPC-validity file might help)