Cooperative Patent Classification (CPC)

TC 3700 & 1600 Customer Partnership January 2013





United States Patent and Trademark Office, Cooperative Patent Classification (CPC)

Objectives

Part I: Brief CPC Overview Part II: General CPC Update

Part II: External Classification and Search Products

Part III: External Training Initiatives

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General Features of CPC

- CPC is a joint USPTO/EPO classification system
- → CPC is **based on the IPC** and **follows IPC classification rules and practices** except as noted otherwise in the CPC
 Definitions
- CPC provides the examination corps and stakeholders with:
 - International classification system based on International Patent Classification (IPC) standards
 - ⋄ More comprehensive access to prior art
 - A classification scheme/system that is adaptive and more actively maintained
 - A single classification symbol set for all USPTO and EPO documents

CPC Logical/Hierarchical Structure

Hierarchical Top Levels: 9 Sections

HUMAN NECESSITIES	A
PERFORMING OPERATIONS; TRANSPORTING	В
CHEMISTRY; METALLURGY	С
TEXTILES; PAPER	D
FIXED CONSTRUCTIONS	E
MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS	F
PHYSICS	G
ELECTRICITY	Н
GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-OVER TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS [N0403] [M1103] [C1207]	Y

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Format of CPC Symbols

A61B 5/0408

▶ complete **group symbol**; consists of different components

A Section (A, B, ... H)
A61 Class (any 2 digits)
A61B Subclass (any letter)
A61B 5/0000 . Main Group
A23G 5/0408 . Subgroup

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General CPC Update

- CPC launched January 2, 2013
- What does it mean for EPO?
 - Switch classification from ECLA to CPC
 - Member States have also switched
- What does it mean for USPTO?
 - Two year transitional period

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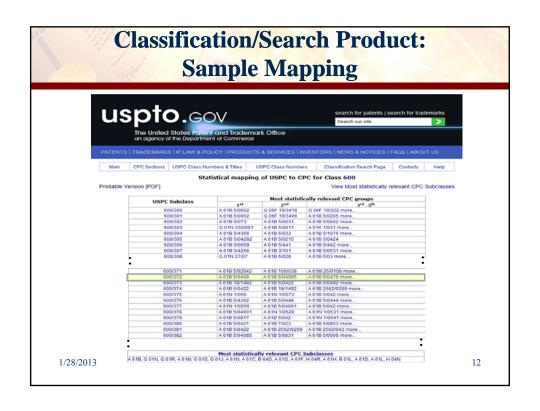
i. Classification Search by Scheme & Definition

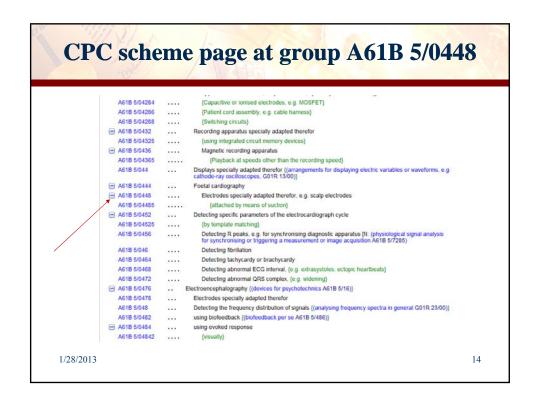
ii. PubEast

Part III: External Training Initiatives

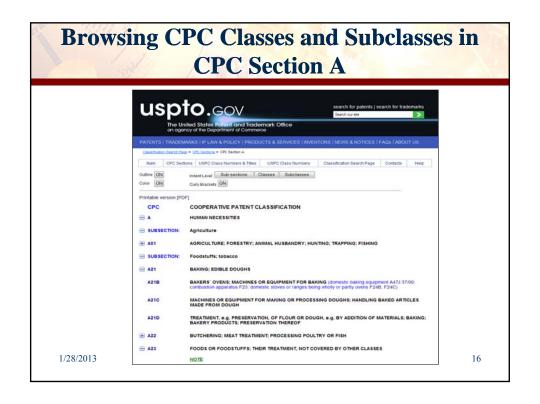
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Classification Search by Scheme & Definition





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		search for patents search for trademarks Bearch our sale	
	an ag	United States Patient and Trademark Office gency of the Department of Commerce	
	PATENTS-1 TRADE	EMARKS IP LAW & POLICY PRODUCTS & SERVICES INVENTORS NEWS & NOTICES FAGS ABOUT US	
	Main CPC St	ections USPC Class Numbers & Titles USPC Class Numbers Classification Search Page Contacts Help	
	CPC	COOPERATIVE PATENT CLASSIFICATION	
	A	HUMAN NECESSITIES	
	В	PERFORMING OPERATIONS: TRANSPORTING	
	С	CHEMISTRY; METALLURGY	
	D	TEXTILES; PAPER	
		FIXED CONSTRUCTIONS	
	F	MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS	
	g	PHYSICS	



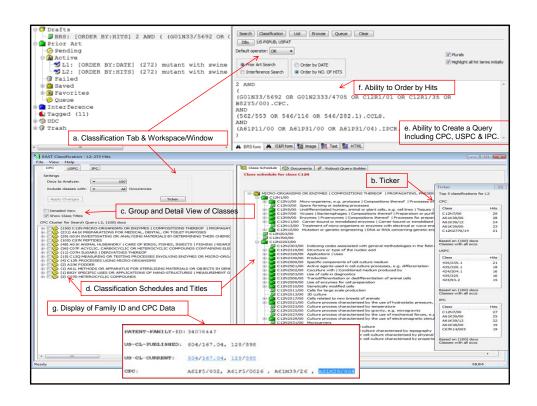
PubEast

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Implementing Cooperative Patent Classification (CPC): EAST

- CPC Search System User Interface provides:
 - a. New Classification Tab & Workspace/window.
 - b. A Ticker to display CPC, USPC, & IPC with the five highest classes and hits.
 - c. Classes displayed by group & detailed view.
 - d. Classification schedules and titles.
 - e. The ability to create a classification query to search among CPC, USPC, & IPC.
 - f. Ability to Order by Hits (hit terms in a document).
 - g. Display of Family ID and CPC Classification information added to documents.

1/28/2013





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Part III: External Training Initiatives

External Training Initiatives

- CPC "Block" training for external users
 - E-learning Platform
 - Reference Materials
- E-learning modules and/or reference materials explaining the impact of CPC on USPTO and EPO search and classification tools, e.g.,...

PubWest PubEast EPOQUE.Net Espacenet

• General Workshops and Ad-hoc CPC user awareness events

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Availability of External Training Initiatives

Legend: Q1 = Quarter 1; Q2 = Quarter 2; Q3 = Quarter 3; and Q4 = Quarter 4

Product	Production	Roll-out	Target Group
Training Pilot US	Q1/Q2 2012	Q3 2012	USPTO and USPTO Classification Contractor
Field Specific Training USPTO	Q2/Q3 2012	Q4 2012 & Q1/Q2 2013	USPTO and USPTO Classification Contractor
"Block Training" (Internal)	Q3 2012	Q4 2012 & Q1/Q2 2013	USPTO and USPTO Classification Contractor
"Block Training" (External)	Q1 2013	Q2/Q3 2013	All Public Users/Stakeholders
E-learning Modules on Search and Classification Tools	Q3/Q4 2012 & Q1 2013	Q2/Q3 2013	All Internal and External Users/Stakeholders
General Workshops and Ad-hoc CPC Awareness Events	Q1/Q2 2013	Q3/Q4 2013	All Public Users/Stakeholders

All external Product deliver dates subject to budgetary constraints.

CPC Website

- CPC General Website:
 - http://www.CPCinfo.org
- Link to Classification Homepage: http://ptoweb:8081/#a
- IPC Guide:

http://ptoweb:8081/international/guide ipc ce34 10 6.pdf

- ESPACENET, the EPO's public search tool:
 - http://worldwide.espacenet.com/

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Questions?

Thank you!