WORLD INTELLECTUAL PROPERTY ORGANIZATION

SPECIAL UNION FOR THE INTERNATIONAL PATENT CLASSIFICATION

(IPC UNION)

IPC Compilation File Specifications

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| --- | --- | --- | --- | --- |
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| October 31, 2013 | Fiévet | 1.03 | Revised | Simplification & QA |
| December 10, 2014 | Collioud | 1.04 | Revised | Removed ipcLevel attribute |
| January 20, 2015 | Collioud | 1.05 | PF Revised | New structure |
| April 08, 2015 | Collioud | 1.06 | Revised | Renamed tag name and attribute value “new” to “ins”  Replaced most content models by XHTML ones. XSD based.  Moved shared types of content to IPC Master Files Specification. |
| April 20, 2015 | Collioud | 3.0 | Revised | Accepted all tracked changes |
| May 3, 2015 | Collioud | 3.0 | Cleaned up | Removed unused amendmentType attribute value R |
| June 24, 2015 | Collioud | 3.1 | Revised | Added structChangeFrom attribute |
| September 19, 2017 | Collioud | 3.2 | Revised | Added T and L amendment types (CE 49) |

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# Introduction

This document describes the structure and content of the International Patent Classification (IPC) Compilation File and documents information found in the corresponding XML schema or DTD.

It uses, wherever possible, reference to International standards, in particular WIPO ST.8.

The format of the Compilation File is XML i.e. primarily an exchange format aiming at easy interface between IT systems of different types.

# Scope of the Compilation File

## Scope

Modified and new entries with necessary markup (e.g. for translation).

It contains the list of IPC entries (Groups, Subclasses, Notes etc.) that were modified during the revision period.

## Source of the Compilation entries

The Compilation File is a generated file from:

* the comparison between the current and previous Versions of IPC Scheme XML Master file.
* The current Version of IPC RCL XML Master file.

For each Symbol in the Compilation File, relevant amendments are described.

# Compilation File structure

## IPCCompilation tag

This is the root tag of the Compilation File.

Embedding tag for a given language version of IPC amendments with the following attributes:

### edition attribute

The IPC Version associated to this file, indicates the date of entry into force of the corresponding IPC version.

Value: see description of “IPC Version” in “IPC Master File Specification”.

### lang attribute

The language of the Definition explanations, descriptions and terms

Value: see description of “IPC data language code” in “IPC Master File Specification”.

## ipcEntryChange tag

Embedding tag for a textBodyChange or a transferredTo tag with the following attributes:

### symbol attribute

Symbol or start of scope for notes and Guidance Headings for the Compilation entry.

Value: An IPC Section Symbol, see description of “IPC Symbol” in “IPC Master File Specification”.

### endSymbol attribute

End of scope, in case of Note, Guidance Heading and deleted for the Compilation entry.

Value: An IPC Section Symbol, see description of “IPC Symbol” in “IPC Master File Specification”.

### entryType attribute

See description in “IPC Scheme Master File Specification.

### kind attribute

See description in “IPC Scheme Master File Specification”.

### structChangeFrom attribute

Attribute reflecting a change of structure.

Possible value is the same as “kind” attribute.

### edition attribute

Attribute reflecting the Symbol’s history. This history includes the creation and/or complex changes on the Symbol. In case this attribute is missing, the Symbol was created in the first edition of IPC.

### amendmentType attribute

The type of the latest amendment affecting the Symbol:

N: New

D: Deleted

U: Unchanged

M: Modified (m-type)

C: Changed (c-type)

T: Target (t-type)

L: Language

Note : Amendment types are described in “Guidelines for revision of the IPC”.

### isDead attribute

'Y': when the entry is removed.

‘N’: when the entry is modified or transferred (default value).

## textBodyChange tag

Embedding one xhtml:div element.

The content model must be compliant with “block” type of XHTML 1.0 “strict” standard.

xhtml:**del tag**

Embedding tag for deleted parts.

xhtml:**ins tag**

Embedding tag for inserted parts.

**xhtml:a tag**

The xhtml:**a** element can be used to reference a place in the IPC.

Constraint rules to apply over XHTML ones are:

**rel attribute:**

The type of referenced object.

Value:

* “symbol”: a single IPC Symbol, or
* “range”: a range of IPC Symbols, or

**href attribute:**

A Symbol code or a range of Symbols in the IPC.

Value:

* Symbol code: an IPC Symbol (see description of “IPC Symbol” in “IPC Master File Specification”), or
* Symbol range: two IPC symbols separated by a \_ (underscore character).

## transferredTo tag

Embedding tag for a list of sref and/or mref tag(s) as defined in IPC Scheme Master File specification.

This list is built from the list of transferred entries found in RCL Master File.

# Samples

## IPCCompilation

<IPCCompilation edition="20160101" lang="EN"   
xmlns="http://www.wipo.int/classifications/ipc/masterfiles" xmlns:xhtml="<http://www.w3.org/1999/xhtml>" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.wipo.int/classifications/ipc/masterfiles ipc\_compilation\_1-06.xsd">…</IPCCompilation **>**

## Modified symbol

<**ipcEntryChange amendment="M"** kind="1" symbol="A01C0009020000" entryType="K" isDead="N">

<**textBodyChange**><**xhtml:div**>

with <**del**>conveyer</**del**><**xhtml:ins**>conveyor</**xhtml:ins**> belts

</**xhtml:div**></**textBodyChange**>

</**ipcEntryChange**>

## New symbol

<**ipcEntryChange amendment="N"** kind="1" symbol="A63F0013200000" edition="20140101" entryType="K" isDead="N">

<**textBodyChange**><**xhtml:div**>

Input arrangements for video game devices

</**xhtml:div**></**textBodyChange**>

</**ipcEntryChange**>

## Deleted symbol

<**ipcEntryChange amendment="D"** symbol="B23K0026420000" isDead="N">

<**transferredTo**>

<**sref** ref="B23K0026600000"/>

<**sref** ref="B23K0026700000"/>

</**transferredTo**>

</**ipcEntryChange**>

## Modified Note

<**ipcEntryChange amendment="M"** kind="n" symbol="B61" entryType="K" isDead="N">

<**textBodyChange**><**xhtml:div**><**xhtml:**ol>

<**xhtml:**li>**<xhtml:del>**…**</xhtml:del>**</**xhtml:**li>

<**xhtml:**li>**<xhtml:ins>**…**</xhtml:ins>**</**xhtml:**li>

<**xhtml:**li>some text **<xhtml:del>**old text**</xhtml:del>** more unchanged text **<xhtml:ins>**added text**</xhtml:ins>**.</**xhtml:**li>

</**xhtml:**ol></**xhtml:div**></**textBodyChange**>

</**ipcEntryChange**>

End of document