

## INTERNATIONAL COMMON ELEMENTS IN WIPO STANDARD ST.36 PARTICULARLY RELEVANT TO CITATION REFERENCES

Element Name	Description	Uses	Used By	Category
absno	Abstract number		article, book	Citations
address	Address components: Address formats differ from country to country If no structure possible use text		lack-of-novelty, addressbook, depositary, confplace, imprint, signatory, first-named-applicant	Parties
altitle	Alternate title for serial; e.g. BMJ = British Medical Journal		serial	Citations
anum			dnum	Citations
article	<p>Article citations within a 'host' document After patent citations the most common citations are articles within serials (periodicals, magazines), books and electronic (eg. internet) sources. This is a very complex and varied area to standardise. The tag set below is drawn from a number of sources as is the order of the tags (which in any case can be changed depending on the stylesheet used).; The order of tags is that of WIPO ST.14 / ISO 690 layout.</p> <p>DROP, J.G. Integrated Circuit Personalization at the Module Level. IBM Tech. Dis. Bull. October 1974, Vol. 17, No. 5, p. 1344 and 1345.</p> <p>[XPnnnnnnnnnnnn]. &lt;nplcit id='ncit1' num='0012' type='S' file='XP1234456'&gt; &lt;article&gt; &lt;author&gt; &lt;name&gt;DROP, J.G.&lt;/name&gt; &lt;/author&gt; &lt;atl&gt;Integrated Circuit Personalization at the Module Level&lt;/atl&gt; &lt;serial&gt; &lt;sertitle&gt;IBM Tech. Dis. Bull.&lt;/sertitle&gt; &lt;pubdate&gt;19741000&lt;/pubdate&gt; &lt;vid&gt;17&lt;/vid&gt; &lt;ino&gt;5&lt;/ino&gt; &lt;/serial&gt; &lt;location&gt; &lt;pp&gt;1344 and 1345&lt;/pp&gt; &lt;/location&gt; &lt;refno id='XP1'&gt;XP1234456&lt;/refno&gt; &lt;/article&gt; &lt;/nplcit&gt; Note: it is NOT expected that the applicant will create the tagged data - it can be generated from a 'pull down' data entry form (eg. in Word) or generated from internal SR databases</p>	text, author, atl, subname, serial, book, absno, location, class, keyword, cpyrt, artid, refno	(ST32:B562), nplcit	Citations
artid	Article unique ID - assigned by a publisher to an article		article	Citations
atl	Article title		article	Citations
author	Author Prime responsibility for the work there is no distinguishing between personal and corporate authors <author> followed by name or addressbook information use the ID attribute if, for example, there is a need to distinguish between multiple authors. Can also include affiliation details Recommended id = auth01, auth02, etc.	addressbook	online, article, book	Citations

International Common Elements in WIPO Standard ST.36 particularly relevant to Citation References  
Page 2

Element Name	Description	Uses	Used By	Category
avail	Availability and access - REQUIRED use for URL, online database, ftp address, email, etc.; e.g., Available from Internet: <a href="http://www.epoline.org">http://www.epoline.org</a> Available from DIALOG Information Systems, Palo Alto (Calif.)		online	Citations
bio-deposit	Biological deposit citation (US EFS: biological-deposit) According to PCT Rule 13bis, EPC Rule 28 This covers all bio data references long and short within the description and/or claims Recommended id = biod0001, biod0002, etc.	depository, bio-accno, date, term, dtext	bibliographic-data, p, li, indications, dd	Biological Deposit
book	Book citation In the order specified by WIPO ST.14 and ISO 690 and AACR2 rules for layout WALTON, Herrmann. Microwave quantum theory. London : Sweet and Maxwell, 1973. ISBN 0123456789. Vol.2, p. 138 to 192. <nplcit id='hcit12' num='0013' type='b'> <book> <author> <name>WALTON, Herrman</name> </author> <book-title>Microwave quantum theory</book-title> <imprint> <address> <text>London</text> </address> <name>Sweet and Maxwell</name> <pubdate>19730000</pubdate> </imprint> <location> <pp>138 to 192</pp> </location> <isbn>0-1234-568-9</isbn> </book> </nplcit>	text, author, book-title, conference, subtitle, subname, edition, imprint, descrip, series, absno, location, isbn, pubid, vid, bookno, notes, class, keyword, cpyrt, refno	(ST32:B562), nplcit, online, article	Citations
bookno	Book number		book	Citations
book-title	The title of the cited book		book	Citations
chapter	Chapter; e.g., in a book. Example: Chapter 2		location	Citations
chemistry	Chemistry Chemical formulae, ring structures, Markush structures, etc. For now treat as image data. Depending on industry support we may use, e.g., chemML, CML later Recommended id = chem0001, chem0002, etc	img, chem, img	p, li, claim-text, dd	Chemistry
citation	Reference to other documents, either patent literature (patcit) or non-patent literature (nplcit) Recommended id = 'cit0001', 'cit0002', etc.	patcit, nplcit, corresponding-docs, rel-passage, category, rel-claims, ...	references-cited, certain-published-documents, citations-explanations, srep-citations	Citations
column	Cited document column numbers	colf, coll	location	Citations
confno	Conference number		conference	Citations
confplace	Conference place	address	conference	Citations
conftitle	Conference title		conference	Citations

International Common Elements in WIPO Standard ST.36 particularly relevant to Citation References  
Page 3

Element Name	Description	Uses	Used By	Category
country	Country: use ST.3 country code; e.g. DE, FR, GB, NL, etc. Also includes EP, WO		..., place-of-search, request-for-conversion-to-national-application, effective-in, elected-office, elected-office, generating-office, made-by, made-by, ipea, ro, non-us, us, isa, ...	Parties
cpyrt	Copyright info. Copyright of publisher of serial		online, article, book, serial	Citations
datecit	Date cited - date on which the citation was cited. May be different from srchdate below	date	online	Dates
doc-number	The number of the referenced patent (or application) document		priority-claim, document-id, appeal-reference	Document Identification
doc-page	doc-page - DOCument or PAGE This is primarily to be used when data for the whole or major sections of an application are in image format OR other formats such as pdf. Page range attributes are given when required pp - page range ppf - first page ppl - last page (for pdf). The 'img' may also be used for complete pages, e.g. in drawingsRecommended id = docp0001, docp0002, etc.		..., search-report, srep-info, srep-prior-art-docs, biological-material-doc, ..., wo-search-report, ..., lack-of-novelty, ..., pct-art34, ipr-annex, srep-written-opinion, srep-for-pub,	Document Structure
document-id	Document identification refers to patents (and patent applications) only. See WIPO ST.14	country, doc-number, kind, name, date	..., patcit, publication-reference, ..., search-report-publication, printed-as-amended, ...	Document Identification
doi	<i>Digital Object Identifier</i>		book, citation, online, serial	Citations
edate	End date used in pubdate		pubdate	Dates
edition	Edition statement		..., classification-ipc, online, book	Citations
email	Email address		addressbook, authorized-officer	Parties
figref	A reference to a figure; e.g., "...as shown in <figref idref='f01'>figure<b>1</b></figref>..."	b, i, u, sup, sub, smallcaps	p, li, claim-text, dd	Paragraph
history	History of the article (not serial)	text, received, accepted, revised, misc	online	Citations
hostno	Numeration within host document		online	Citations
hosttitle	Title of the host document/database		online	Citations

International Common Elements in WIPO Standard ST.36 particularly relevant to Citation References  
Page 4

Element Name	Description	Uses	Used By	Category
img	<p>Image data Image is used for any kind of image: art work, figures, complex work units (math, tables, chemistry), etc.</p> <p>Recommended: id = i0001, i0002, etc.</p> <p>he, wi = "11" - milimeters - height, width;</p> <p>file = file name, location; label - not used;</p> <p>alt = alternate text if image not shown;</p> <p>img-content = drawing is the default;</p> <p>img-format = common will be tiff, st33 and st35 in for backward compatibility and, later, publication.</p> <p>orientation = orientation of the image (portrait   landscape). Default is portrait</p> <p>inline = (yes   no). Whether the image is to be presented inline or separated by line breaks. Default is no.</p>		abstract-figure, figure, p, tables, li, maths, maths, chemistry, chemistry, claim-text, dd	Document Structure
imprint	Imprint: Publication / creation data Place of publication : publisher, date(s) of publication usually only date of publication is used for journal citations	text, address, name, pubdate	online, book, serial	Citations
ino	Issue number		serial	Citations
isbn	International Standard Book Number		online, book, serial	Citations
issn	International Standard Serial Number		online, series, serial	Citations
issue	Issue designation; e.g., Annual, 1971-, 1890-1972		serial	Citations
kind	Document kind code; e.g., A1		..., B477, B561, B568, B572, B576, B621EP, ..., B891, document-id, ppub, pdoc, cdoc	Document Identification
line	Referenced line within cited work	linef, linel	location	Citations
linef	Cited document line, first		line	Citations
linel	Cited document line, last		line	Citations
location	Location within the cited work	text, serpart, sersect, chapter, pp, column, para, line	online, article, book	Citations
maths	MATHEMATICS This is image data or coded according to mathml, version 2 Recommended id = math0001, math0002, etc.	img, math, img	p, li, claim-text, dd	Paragraph
misc	Miscellaneous information relating to the history of the article; see ISO 12083	date	history	Citations
msn	Monographic series number		series	Citations
mst	Monographic series title		series	Citations

International Common Elements in WIPO Standard ST.36 particularly relevant to Citation References  
Page 5

Element Name	Description	Uses	Used By	Category
name	Name: If no distinction or detail can be given. Also to be used for: personal (natural person) and corporate (legal entity) names		document-id, imprint,	Parties
notes	Notes about the journal; e.g. Continues Journal of XYZ 1910-1998, published in French and English, etc.		online, book, serial	Citations
nplcit	<p>Non-Patent Literature (NPL) CITation; Notes: This can be free text data without any structure (#PCDATA) which is NOT recommended or it can be highly structured data which is marked up according to ST.14 and ISO 690 layout; This part of the DTD has used many different sources for element names and DTD structure and reference: AACR2 / MARC ISO 12083 - Electronic manuscript prep. and markup. DTD Association of American Publishers (AAP) Z39.59 DTD European Working Group for SGML (EWS) MAJOUR DTD SuperJournal Full Article DTD www.superjournal.ac.uk/sj Elsevier DTD Medline DTD (NLM) Attributes (recommended): id - ncit0001, ncit0002, etc num - 0001, 0002 npltype - The TYPE of citation is office specific (recommended); A - Abstract citation of no specific kind B - Book citation C - Biological abstract citation D - Chemical abstracts citation E - Database citation F - Derwent citation G - Patent cited within NPL group H - Patent Abstracts of Japan citation (REC 067) I - Serial / Journal / Periodical citation J - World Wide Web / Internet search citation K - citation medium - the type of medium e.g., CD (CD-ROM), MT (Magnetic Tape), DISK, ONLINE file - file name on local systems eg. XP number in EPO url - where possible give full web link to document</p>	text, article, book, online, othercit	citation, p, li, corresponding-docs, database-searched, dd	Citations

International Common Elements in WIPO Standard ST.36 particularly relevant to Citation References  
Page 6

Element Name	Description	Uses	Used By	Category
online	<p>Online citation Revised according to ISO-690-2 - Electronic documents and parts thereof. Please refer to this standard for definitions and examples. See: <a href="http://www.nlc-bnc.ca/iso/tc46sc9/standard/690-2e.htm#Contents">http://www.nlc-bnc.ca/iso/tc46sc9/standard/690-2e.htm#Contents</a> The tagging in fact is a mixture of article and book tags together with specific electronic source tags. 'Online' is taken to mean any kind of electronic documentation: databases, internet, CD-Roms, DVD, email, etc</p> <p>EXAMPLES: Kirk-Othmer Encyclopedia of Chemical Technology [online]. 3rd ed. New York : John Wiley, 1984 [cited 3 January 1990]. Available from: DIALOG Information Services, Palo Alto (Calif.). &lt;nplcit id='ncit1' num='0001' type='E' medium='online'&gt; &lt;online&gt; &lt;online-title&gt;Kirk-Othmer Encyclopedia of Chemical Technology &lt;/online-title&gt; &lt;edition&gt;3rd ed.&lt;/edition&gt; &lt;imprint&gt; &lt;address&gt; &lt;text&gt;New York&lt;/text&gt; &lt;/address&gt; &lt;name&gt;John Wiley&lt;/name&gt; &lt;pubdate&gt;19840000&lt;/pubdate&gt; &lt;/imprint&gt; &lt;avail&gt;dialog information services, palo alto (calif.).&lt;/avail&gt; &lt;datecit&gt; &lt;date&gt;19900103&lt;/date&gt; &lt;/datecit&gt; &lt;/online&gt; &lt;/nplcit&gt; * Article on Internet: Clark, Carol. On the Threshold of a Brave New World. In Blueprint of the Body [online]. CNN.com, 2000. [cited 24 August 2000;10:25 EST]. In-depth specials. Available from: <a href="http://www.cnn.com/SPECIALS/2000/genome/story/overview/">[http://www.cnn.com/SPECIALS/2000/genome/story/overview/]</a> &lt;nplcit id='ncit1' num='0002' type='E' medium='online'&gt; &lt;online&gt; &lt;author&gt; &lt;name&gt;Clark, Carol&lt;/name&gt; &lt;/author&gt; &lt;online-title&gt;On the Threshold of a Brave New World&lt;/online-title&gt; &lt;imprint&gt; &lt;name&gt;CNN.com, 2000&lt;/name&gt; &lt;/imprint&gt; &lt;series&gt; &lt;text&gt;In-depth specials&lt;/text&gt; &lt;/series&gt; &lt;avail&gt;<a href="http://www.cnn.com/SPECIALS/2000/genome/story/">http://www.cnn.com/SPECIALS/2000/genome/story/</a>&lt;/avail&gt; &lt;datecit&gt; &lt;date&gt;20000824; 10:25 est&lt;/date&gt; &lt;/datecit&gt; &lt;/online&gt; &lt;/nplcit&gt; * Personal communication (e-mail) Thacker, Jane. MPEG-21 project stream on digital item identification [online]. Message to: [iso.tc46.sc9@nlc-bnc.ca]. 3 October 2000; 13:33 EST [cited 6 October 2000; 13:10 EST]. Message-ID: [002f01c02d60\$051a64a0\$22a2580c@vaio]. Personal communication. &lt;nplcit id='ncit3' num='0003' type='E' medium='online'&gt; &lt;online&gt; &lt;author&gt; &lt;name&gt;Thacker, Jane&lt;/name&gt; &lt;/author&gt; &lt;online-title&gt;MPEG-21 project stream on digital item identification &lt;/online-title&gt; &lt;subname&gt; &lt;name&gt;Message to: &lt;iso.tc46.sc9@nlc-bnc.ca&gt;&lt;/name&gt; &lt;/subname&gt; &lt;pubdate&gt;3 October 2000; 13:33 EST&lt;/pubdate&gt; &lt;notes&gt;Personal communication&lt;/notes&gt; &lt;avail&gt;Message-ID: &lt;002f01c02d60\$051a64a0\$22a2580c@vaio&gt;&lt;/avail&gt; &lt;datecit&gt; &lt;date&gt;6 october 2000; 13:10 EST&lt;/date&gt; &lt;/datecit&gt; &lt;/online&gt; &lt;/nplcit&gt;</p>	text, author, online-title, hosttitle, subname, edition, serial, book, imprint, pubdate, history, series, hostno, location, notes, avail, class, keyword, cpyrt, issn, isbn, datecit, srchterm, srchdate, refno	B562, nplcit	Citations
online-title	The title of the electronic resource		online	Citations
othercit	Other citations - free form	b, i, u, sup, sub	(ST32:B562), nplcit	Citations

International Common Elements in WIPO Standard ST.36 particularly relevant to Citation References  
Page 7

Element Name	Description	Uses	Used By	Category
p	<p>Paragraph Recommended id = p0001, p0002, etc. num = 0001, 0002, etc. Note: paragraphs may occur in sections other than the description and at different times eg. for the abstract, in this case use for example "p0001a"; amended claims: "p0001ac", etc.</p>	b, i, u, sup, sub, smallcaps, br, pre, dl, ul, ol, crossref, figref, patcit, nplcit, bio-deposit, img, chemistry, maths, tables, table-external-doc	..., abstract, abst-solution, abst-problem, description, sequence-list-text, industrial-applicability, mode-for-invention, best-mode, disclosure, advantageous-effects, tech-solution, tech-problem, description-of-drawings, background-art, technical-field, claims-statement, ..., reason-limited-search, ...	Paragraph
para	Referenced paragraph within cited work	paraf, paral	location	Citations
paraf	Cited paragraph, first		para	Citations
paral	Cited paragraph, last		para	Citations
passage	Passage within the cited patent literature		rel-passage	Citations
patcit	<p>PATENT CITATIONS: Patent Citation within abstract, description or claims. For patent citations within Search Report see Search Report DTD Notes: Tags arranged according to WIPO ST.14 order. This can be free text data without any structure (text). Example: &lt;patcit id='pcit1' dnum='US4793675A' dnum-type='publication number'&gt; &lt;document-id&gt; &lt;country&gt;US&lt;/country&gt; &lt;doc-number&gt;4793675&lt;/doc-number&gt; &lt;kind&gt;A&lt;/kind&gt; &lt;name&gt;Handa&lt;/name&gt; &lt;date&gt;19881227&lt;/date&gt; &lt;/document-id&gt; &lt;/patcit&gt;</p> <p>Note: It is NOT expected that the applicant will create the tagged data - it could be generated from a 'pull down' data entry form or generated from internal SR databases Attributes (recommended): id - pcit0001, pcit0002, etc. num - 0001, 0002, etc. dnum - use full number as one string, eg, "US5401234A"; url - where possible give full web link to patent file - file name eg. if stored on local systems dnum-type - type of document number (e.g., application number, publication number)</p>	text, document-id, rel-passage	(ST32:B561), citation, p, li, dd	Citations
pnum			dnum	Citations
pp	Cited document page numbers	ppf, ppl	location	Citations
ppf	Cited document page , first		pp	Citations
ppl	Cited document page, last		pp	Citations
pubdate	Publication date used in npl citations	sdate, edate, time	online, serial, imprint	Dates

International Common Elements in WIPO Standard ST.36 particularly relevant to Citation References  
Page 8

Element Name	Description	Uses	Used By	Category
pubid	Publisher's unique id		book, serial	Citations
references-cited	This tag and elements to be used primary to code data on the title page of patents under INID code (56). e.g. US patent. For the search report as a sub-document use search-report, e.g. for ISR	text, citation, date-search-completed, date-search-report-mailed, place-of-search, search-report-publication, searcher	bibliographic-data	Citations
refno	Reference number (general); for the EPO this is the XP number		online, article, book	Citations
rel-claims	Relevant claims		citation, rel-passage	International Conventions
rel-passage	Relevant passage group within patent; most used in search reports - use text in abstract, description and claims	text, passage, category, rel-claims	citation, patcit	International Conventions
revised	Date article was revised	date	history	Dates
sdate	Start date used in pubdate		pubdate	Citations
serial	Serial citation data: This describes the volume or issue as a whole and not a particular article within it.	sertitle, alttitle, subname, issue, imprint, pubdate, descrip, notes, issn, isbn, pubid, vid, ino, cpyrt	bulletin-gazette, online, article	Citations
series	Series statement	text, mst, msn, issn	online, book	Citations
serpart	Part within a serial		location	Citations
sersect	Serial section		location	Citations
sertitle	Serial title		serial	Citations
srchdate	Date of search/retrieval YYYYMMDD	date	online	International Conventions
subname	Subordinate responsibility; e.g., editor, translator, etc.	addressbook	online, article, book, serial	Citations
subtitle	Book subtitle		book	Citations
table-external-doc	References a stand-alone table authored with the table-external DTD.		p	Paragraph
tables	TABLES This is image data or coded according to OASIS Exchange model with modified cell 'entry' content. Recommended id = tabl0001, tabl0002, etc.	img, table	p, claim-text	Paragraph

International Common Elements in WIPO Standard ST.36 particularly relevant to Citation References  
Page 9

Element Name	Description	Uses	Used By	Category
text	If no structure is possible, enter text (without markup)		B561, B562, ..., srep-info, ..., nplcit, patcit, addressbook, dnum, correction, references-cited, printed-as-amended, ... iprp-citations, ..., srep-written-opinion, ..., srep-citations, ... online, history, article, book, location, series, conference, imprint, rel-passage, ...	General Text
url	Universal Resource Locator; e.g. <a href="http://www.wipo.int">www.wipo.int</a>		addressbook	Citations
vid	Volume id/number		book, serial	Citations

**Notes:**

1. the table above is a selection of data taken from the International Common Elements (ICE) at [http://www.wipo.int/standards/en/xml\\_material/st36/index.html](http://www.wipo.int/standards/en/xml_material/st36/index.html). Some rows and columns have been removed for brevity and readability.
2. ... indicates removal of less relevant material
3. italicized text indicates an addition of suggested material to the ICE of ST.36.