

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, depository, confplace, imprint, signatory, first-named-applicant | Parties |
| alltitle | Alternate title for serial; e.g. BMJ = British Medical Journal | | serial | Citations |
| anum | | | dnum | Citations |
| article | 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. DROP, J.G. Integrated Circuit Personalization at the Module Level. IBM Tech. Dis. Bull. October 1974, Vol. 17, No. 5, p. 1344 and 1345. [XPnnnnnnnnnn]. <nplcit id='ncit1' num='0012' type='S' file='XP1234456'> <article> <author> <name>DROP, J.G.</name> </author> <atl>Integrated Circuit Personalization at the Module Level</atl> <serial> <sertitle>IBM Tech. Dis. Bull.</sertitle> <pubdate>19741000</pubdate> <vid>17</vid> <ino>5</ino> </serial> <location> <pp>1344 and 1345</pp> </location> <refno id='XP1'>XP1234456</refno> </article> </nplcit> 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 | 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

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| 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: http://www.epoline.org 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='ncit12' 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

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| 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 drawings Recommended id = docp0001, docp0002, etc. | | ..., search-report, srep-info, srep-prior-art-docs, biological-material-doc, ..., wo-search-report, ..., lack-of-novelty, ..., pct-art34, iprp-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> | | <i>book, citation, online, serial</i> | <i>Citations</i> |
| 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'>figure1</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

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| Element Name | Description | Uses | Used By | Category |
|--------------|--|---|--|-------------------------|
| img | Image data Image is used for any kind of image: art work, figures, complex work units (math, tables, chemistry), etc. Recommended: id = i0001, i0002, etc. he, wi = "11" - milimeters - height, width; file = file name,location; label - not used; alt = alternate text if image not shown; img-content = drawing is the default; img-format = common will be tiff, st33 and st35 in for backward compatilby and, later, publication. orientation = orientation of the image (portrait landscape). Default is portrait inline = (yes no). Whether the image is to be presented inline or separated by line breaks. Default is no. | | 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

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| 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 | 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 I - Biological abstract citation C - Chemical abstracts citation E - Database citation D - Derwent citation P - Patent cited within NPL group J - Patent Abstracts of Japan citation (REC 067) S - Serial / Journal / Periodical citation W - World Wide Web / Internet search 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 | text, article, book, online, othercit | citation, p, li, corresponding-docs, database-searched, dd | Citations |

| 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: http://www.nlc-bnc.ca/iso/tc46sc9/standard/690-2e.htm#Contents 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.). <nplcit id='ncit1' num='0001' type='E' medium='online'> <online> <online-title>Kirk-Othmer Encyclopedia of Chemical Technology </online-title> <edition>3rd ed.</edition> <imprint> <address> <text>New York</text> </address> <name>John Wiley</name> <pubdate>19840000</pubdate> </imprint> <avail>dialog information services, palo alto (calif.)</avail> <datecit> <date>19900103</date> </datecit> </online> </nplcit> * 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: [http://www.cnn.com/SPECIALS/2000/genome/story/overview/] <nplcit id='ncit1' num='0002' type='E' medium='online'> <online> <author> <name>Clark, Carol</name> </author> <online-title>On the Threshold of a Brave New World</online-title> <imprint> <name>CNN.com, 2000</name> </imprint> <series> <text>In-depth specials</text> </series> <avail>http://www.cnn.com/SPECIALS/2000/genome/story/</avail> <datecit> <date>20000824; 10:25 est</date> </datecit> </online> </nplcit> * 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. <nplcit id='ncit3' num='0003' type='E' medium='online'> <online> <author> <name>Thacker, Jane</name> </author> <online-title>MPEG-21 project stream on digital item identification </online-title> <subname> <name>Message to: <iso.tc46.sc9@nlc-bnc.ca></name> </subname> <pubdate>3 October 2000; 13:33 EST</pubdate> <notes>Personal communication</notes> <avail>Message-ID: <002f01c02d60\$051a64a0\$22a2580c@vaio></avail> <datecit><date>6 october 2000; 13:10 EST</date></datecit> </online> </nplcit></p> | <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</p> | 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 |

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| Element Name | Description | Uses | Used By | Category |
|--------------|--|---|--|-----------|
| 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. | 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 | 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: <patcit id='pcit1' dnum='US4793675A' dnum-type='publication number'> <document-id> <country>US</country> <doc-number>4793675</doc-number> <kind>A</kind> <name>Handa</name> <date>19881227</date> </document-id> </patcit> 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) | 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

| 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 |

| 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. www.wipo.int | | 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. 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.