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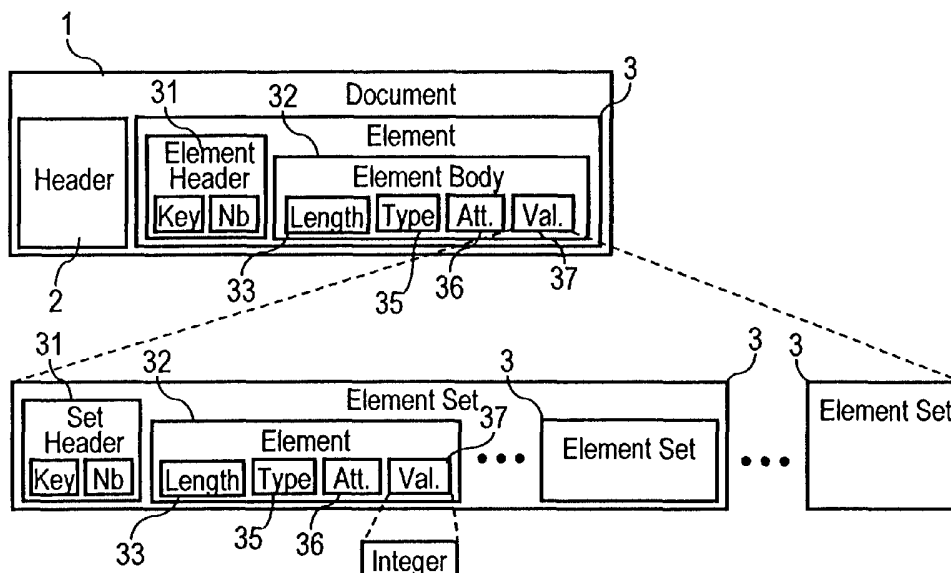
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 - (74) Agents: DE ROQUEMAUREL, Bruno et al.; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois Perret Cedex (FR).
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(54) Title: METHOD AND SYSTEM FOR COMPRESSING STRUCTURED DOCUMENTS



(57) Abstract: An encoding method for enabling a decoder to decode a structured document having a structure defined in a first schema not accessible to the decoder and resulting from a change of a second schema accessible to the decoder, the first schema defining at least one information element which is derived from a corresponding element defined in the second schema, the encoding method comprising the steps of: encoding the document using said first and second schemas into a binary stream comprising for each elements of the document a binary sequence encoding the element, and inserting in the binary sequence encoding the derived element a reference designating the first schema in which the structure of the derived element is defined, said reference designating the first schema being defined in a schema reference list containing references to all schemas used for encoding the document, the schema reference list being made accessible to the decoder.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03M7/30 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	paragraph '0019!	2-7,9-16
Y	--- GIRARDOT M ET AL: "MILLAU: AN ENCODING FORMAT FOR EFFICIENT REPRESENTATION AND EXCHANGE OF XML OVER THE WEB" COMPUTER NETWORKS AND ISDN SYSTEMS, NORTH HOLLAND PUBLISHING. AMSTERDAM, NL, vol. 33, no. 1-6, June 2000 (2000-06), pages 747-765, XP001005949 ISSN: 0169-7552	2,9-12
A	page 749, paragraph 3 -page 750 --- -/--	1,3-8, 13-17

Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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A document defining the general state of the art which is not considered to be of particular relevance	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
O document referring to an oral disclosure, use, exhibition or other means	* & * document member of the same patent family
P document published prior to the international filing date but later than the priority date claimed	

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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Foglia, P
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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 794 030 A (MORSI MAGDI ET AL) 11 August 1998 (1998-08-11) column 1, line 1 - line 22; figures 2-4 column 2, line 10 - line 20 column 6, line 17 - line 24 column 8, line 44 -column 9, line 12 ---	3-7, 13-16
E	WO 02 063776 A (SEYRAT CLAUDE ;EXPWAY (FR); THIENOT CEDRIC (FR)) 15 August 2002 (2002-08-15) page 19, line 1 - line 10 ---	1,2,8
A	BOS ET AL.: "Cascading Style Sheets, level 2 - CSS2 Specifications" W3C RECOMMENDATION, 'Online! 12 May 1998 (1998-05-12), XP002225538 Retrieved from the Internet: <URL:http://www.w3.org/TR/1998/REC-CSS2-19 980512> 'retrieved on 2002-12-16! Abstract, Quick Table of Contents, par. 3.2 "Conformance" ---	1-17
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T	"Bin-XML for encoding XML documents" BIN-XML TECHNICAL WHITE PAPER, 'Online! pages 1-5, XP002225539 Retrieved from the Internet: <URL:http://www.expway.tv> 'retrieved on 2002-12-16! page 3, paragraph 5 ---	1-17
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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