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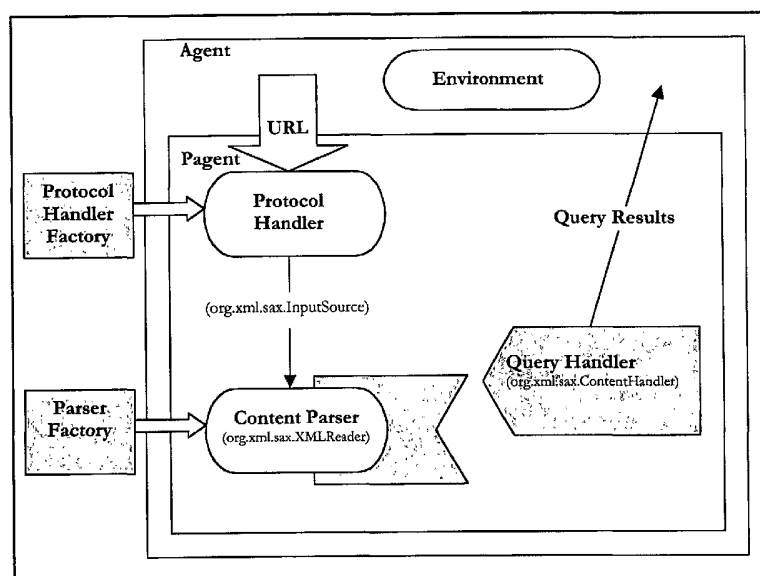
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(54) Title: WEB INTERACTION SYSTEM WHICH ENABLES A MOBILE TELEPHONE TO INTERACT WITH WEB RESOURCES



(57) Abstract: A web interaction system which enables a mobile telephone to interact automatically with web resources, in which the web interaction system comprises a query engine which operates on XML format data, translated from data obtained from a web site, the query engine parsing the XML into SAX events which are then queried by the query engine. Conventional query engines parse XML into a data object model (DOM) tree and not SAX events; DOM trees can however occupy significant memory space. SAX events on the other hand can be queried as parsing progresses (i.e. no need to wait for an entire DOM tree to be constructed before queries can be first performed). Not needing to wait for an entire web document to download is a major advantage since this would otherwise be a major bottleneck.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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B. FIELDS SEARCHED

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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, WPI Data, INSPEC, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BOHM K: "On extending the XML engine with query-processing capabilities", ADVANCES IN DIGITAL LIBRARIES, 2000. PROCEEDINGS. IEEE WASHINGTON, DC, USA 22-24 MAY 2000, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, PAGE(S) 127-138 XP010501111 ISBN: 0-7695-0659-3 page 127 -page 128, right-hand column, paragraph 1 page 131, left-hand column; figure 6 page 133, right-hand column, last paragraph -page 134, right-hand column, paragraph 2 page 136, right-hand column --- -/--	1-19

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

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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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ALTINEL M ET AL: "Efficient Filtering of XML Documents for Selective Dissemination of Information" , PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON VERY LARGE DATA BASES, XX, XX, PAGE(S) 1-12 XP002181785 page 1 -page 3, left-hand column, paragraph 3 page 4, left-hand column, paragraph 3 -page 6, left-hand column ---	1,2,7-15
X	"XML Query Engine Provides Initial XQuery Support" COVER PAGES, 'Online! 27 April 2001 (2001-04-27), XP002263013 Retrieved from the Internet: <URL:http://xml.coverpages.org/ni2001-04-27-c.html> 'retrieved on 2003-11-27! * the whole document * ---	1,7-14
A	GLUSHKO R J ET AL: "AN XML FRAMEWORK FOR AGENT-BASED E-COMMERCE EMERGING STANDARDS FOR COMMERCIAL DOCUMENT EXCHANGE PROMISE OPEN BUSINESS-TO-BUSINESS E-COMMERCE" , COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY, ASSOCIATION FOR COMPUTING MACHINERY. NEW YORK, US, VOL. 42, NR. 3, PAGE(S) 106-114 XP000849889 ISSN: 0001-0782 page 106 -page 109, left-hand column, paragraph 1 page 111, right-hand column page 113, right-hand column, paragraph 3 -page 114, left-hand column, paragraph 2 ---	1-19
A	ABITEBOUL S ET AL: "Xyleme, a dynamic warehouse for XML data of the web" , PAGE(S) 3-7 XP010554362 * the whole document * ---	1-19
A	SAHUGUET A ET AL: "Looking at the Web through XML glasses" , COOPERATIVE INFORMATION SYSTEMS, 1999. COOPIS '99. PROCEEDINGS. 1999 IFCIS INTERNATIONAL CONFERENCE ON EDINBURGH, UK 2-4 SEPT. 1999, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, PAGE(S) 148-159 XP010351848 ISBN: 0-7695-0384-5 page 148 -page 154, left-hand column, paragraph 1 -----	1,3-6