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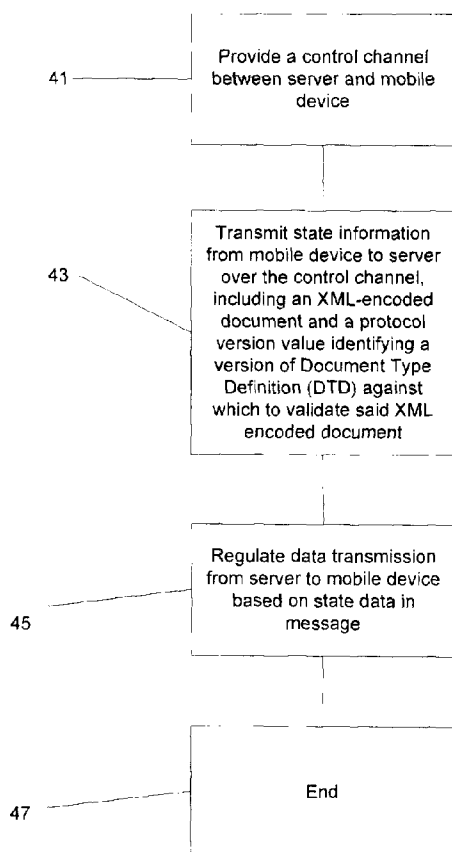
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[Continued on next page]

(54) Title: A METHOD FOR COMMUNICATING STATE INFORMATION BETWEEN A SERVER AND A MOBILE DEVICE BROWSER WITH VERSION HANDLING



(57) Abstract: A method for communicating state information between a server and a mobile device browser with version handling includes: providing a control channel between the server and mobile device browser; transmitting at least one message from the mobile device browser to the server over the control channel indicative of browsing-related state data, wherein the at least one message includes an XML-encoded document and a protocol version value identifying a version of Document Type Definition (DTD) against which to validate the XML-encoded document; and regulating subsequent transmission of data from the server to the mobile device browser based on the at least one message.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC: <i>H04L 29/02</i> (2006.01) , <i>H04L 12/24</i> (2006.01) , <i>H04L 12/16</i> (2006.01) , <i>H04Q 7/22</i> (2006.01) 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: H04L, H04Q				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used) Delphon, Canadian Patent Database: version management, request, XML, DTD, document type, state data, version, validate, verify, protocol, browser, web, html, Internet				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Y	US 2002/0194382 A1 Kausik et al., 19 December 2002 (19-12-2002), abstract, paragraphs [0001-0027]).	1-10		
Y	US 6,721,871 B2 Piispänen et al., 13 April 2004 (13-04-2004), abstract, column 3 lines 30-58, column 11 lines 1-30.	1-10		
A	US 2004/0177124 A1 Hansen, 09 September 2004 (09-09-2004), whole document.	1-10		
A	US 2005/0060370 A1 Xue et al., 17 March 2005 (17-03-2005), whole document.	1-10		
☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.				
<table border="0"> <tr> <td> * Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "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) "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 </td> <td> "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 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "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 "&" document member of the same patent family </td> </tr> </table>			* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "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) "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 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "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 "&" document member of the same patent family
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INTERNATIONAL SEARCH REPORT
Information on patent family members

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