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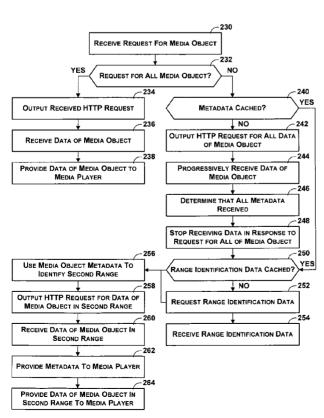
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(54) Title: MEDIA PLAYBACK POINT SEEKING USING DATA RANGE REQUESTS



Techniques are described for downloading user-selected segments of media objects. As described herein, a user may demand that a client device present a segment of a media object when the client device has not yet downloaded the data that represents the partial segment of the media object. The client device may then output two separate requests to a server that hosts the media object. The first request specifies a resource identifier of the media object and a first data range. Data in the first range specifies a format of data of the media object. The second request specifies the resource identifier of the media object and a second data range. Data in the second range represents the requested partial segment of the media object. When the client device receives the data, the client device uses the data in the first range to present the data in the second range.



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CLASSIFICATION OF SUBJECT MATTER INV. H04N5/00 H04N7/173 G06F9/445 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) HO4N G06F H04L 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, IBM-TDB, COMPENDEX C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages X US 2005/102371 A1 (AKSU EMRE [FI]) 1 - 2612 May 2005 (2005-05-12) paragraph [0023] - paragraph [0028]; figure 2 paragraph [0030]; figures 2,3 paragraphs [0002], [0022] X US 2007/078876 A1 (HAYASHI NATHANAEL J 1 - 26[US] ET AL) 5 April 2007 (2007-04-05) paragraph [0088] - paragraph [0093]; figure 5 paragraph [0002] US 2004/078470 A1 (BAUMEISTER SASCHA [DE] 1,13,25, ET AL) 22 April 2004 (2004-04-22) paragraphs [0013], [0016], [0021]; claims 1-3 Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: *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 document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 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 "O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docu ments, such combination being obvious to a person skilled other means in the art document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 19/05/2009 12 May 2009 Name and mailing address of the ISA/ Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Deane, Inigo Fax: (+31-70) 340-3016

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