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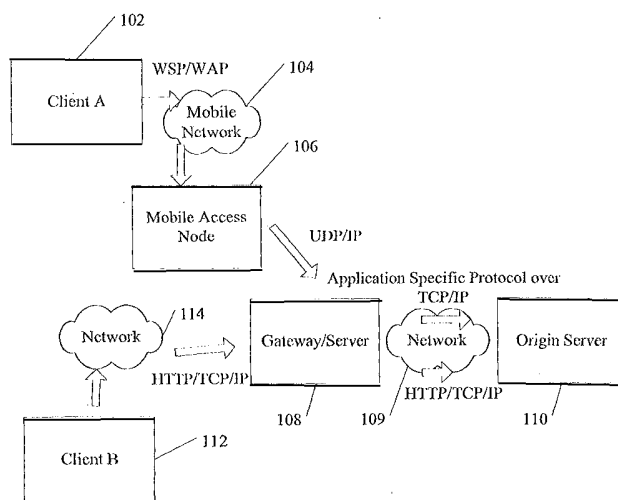
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[Continued on next page]

(54) Title: DYNAMIC PROBING AND REPORTING OF BIT RATE INFORMATION



(57) Abstract: A method and apparatus are provided for measuring a bit rate between a client (102, 112) and a server (110). In an embodiment of the invention, a number of bits included only within one or more transaction units are measured over a time period. The time period is a sum of time durations of each of the transaction units. In an embodiment of the invention, bit rate measurements are performed on a server (110) and in another embodiment of the invention bit rate measurements are performed on a client (102, 112). Embodiments of the invention include adapting, by the server (110), of content to be sent to the client (102, 112) based on the bit rate measurements. Embodiments of the invention further include reporting the measured bit rate to the server (110) when the bit rate measurements are performed on the client (102, 112). Other aspects of the invention include sending an indication of the measured bit rate and a desired bit rate to the server (110) when bit rate measurements are performed in the client (102, 112).



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

**B. FIELDS SEARCHED**

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U.S. : 709/223, 224, 232, 238

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 practicable, search terms used)  
Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,023,725 A (OZAWA et al) 08 February, 2000 (08.02.2000), col. col. 2, line 17 - col. 4, line 30.	1-3, 22-24, 35-37, 45 and 49
Y,P	US 20020024969 A1 (HEILES) 28 February 2002 (28.02.2002), page 1 - 2.	1-3, 22-24, 35-37, 45 and 49
A,E	US 20020165970 A1 (LUDEWIG) 07 November 2002 (07.11.2002).	1-3, 22-24, 35-37, 45-50

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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**Continuation of B. FIELDS SEARCHED Item 3:**

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