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(54) Title: METHOD FOR PLAYING ON A PLAYER OF A CLIENT DEVICE A CONTENT STREAMED IN A NETWORK

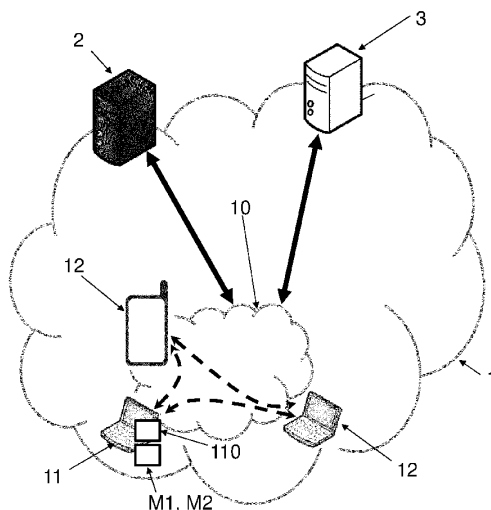


FIG. 1

(57) Abstract: The present invention relates to a method for playing
on a player of a client device (11) a content streamed in a network (1),
said content consisting of a sequence of segments available in a plu-
rality of quality levels, the player being configured so as to choose the
quality level of the segments as a function of at least one parameter
representative of a segment reception rate, according to an Adaptive
BitRate, ABR, logic of the player; the client device (11) comprising
a first buffer (M1) for storing segments in a format adapted for trans-
ferring within the network (1), the method being characterized in that
it comprises performing by a processing unit (110) of the client device
(11): (a) receiving from the player a request for a current segment at a
first quality level; (b) determining that the player will request accord-
ing to its ABR logic a next segment at a second quality level after said
requested current segment is provided from the first buffer memory (M1),
using a model predicting the ABR logic of the player; (c) if said next
segment is not present at said second quality level in the first buffer
memory (M1), fetching said next segment at said second
quality level from the network (1).

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