Title (en)

METHOD OF ADAPTIVE BROADCASTING OF MULTIMEDIA STREAMS BY USING AN ENERGY INDEX

Title (de)

VERFAHREN ZUR ADAPTIVEN ÜBERTRAGUNG VON MULTIMEDIA-DATENSTRÖMEN ANHAND DER VERWENDUNG EINES ENERGIE-INDEX

Title (fr)

PROCEDE DE DIFFUSION ADAPTATIVE DE FLUX MULTIMEDIA EN UTILISANT UN INDICE D'ENERGIE

Publication

EP 3022909 A1 20160525 (FR)

Application

EP 14739490 A 20140717

Priority

- FR 1357127 A 20130719
- FR 1450092 A 20140107
- FR 1452560 A 20140326
- EP 2014065439 W 20140717

Abstract (en)

[origin: WO2015007868A1] Method of adaptive broadcasting of multimedia data streams Fi originating from a service provider (20), during a download between a receiving terminal (40) and a server (30), as a function of an energy criterion, comprising the following steps: · determining, for N representations Fi, at least one first energy index by calculating for each of the representations Fi of a multimedia segment, a value of energy Ei(t) consumed for decoding the representation Fi at the instant t, the maximum value of energy Emax(t) associated with the most energy consuming representation, and the values of the corresponding ratios formula (I) storing these values in a file associating with a representation Fi at least one ratio formula (I), • measuring the energy consumption used by the terminal in the course of the restoration of the representation Fi, and choosing another representation Fi or acting on the quality of restoration of the representation if the energy reserve of the terminal is insufficient to restore the content of the multimedia data stream on the basis of the representation Fi.

IPC 8 full level

H04N 19/102 (2014.01); **H04N 19/14** (2014.01); **H04N 19/156** (2014.01); **H04N 19/162** (2014.01); **H04N 19/30** (2014.01); **H04N 19/46** (2014.01); **H04N 21/2343** (2011.01); **H04N 21/443** (2011.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2015007868A1

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BA ME

DOCDB simple family (publication)

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