

Title (en)
MANAGEMENT OF ADAPTIVE STREAMING OF AN ITEM OF DIGITAL CONTENT OVER A MOBILE NETWORK WITH SELECTION OF A MAXIMUM AUTHORIZED ENCODING RATE ON THE BASIS OF A DATA BUCKET

Title (de)
VERWALTUNG VON ADAPTIVEM STREAMING EINES DIGITALEN INHALTS ÜBER EIN MOBILFUNKNETZ MIT AUSWAHL EINER MAXIMALEN AUTORISIERTEN KODIERRATE AUF DER BASIS EINES DATEN-BUCKETS

Title (fr)
GESTION DU TÉLÉCHARGEMENT PROGRESSIF ADAPTATIF D'UN CONTENU NUMÉRIQUE SUR RÉSEAU MOBILE AVEC SÉLECTION D'UN DÉBIT D'ENCODAGE MAXIMUM AUTORISÉ EN FONCTION D'UN GODET DE DONNÉES

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Application
EP 20792466 A 20200923

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• FR 2020051656 W 20200923

Abstract (en)
[origin: WO2021058910A1] The invention relates to a method for managing adaptive streaming (HAS) of an item of digital content (C1) within a multimedia stream reading terminal (30) connected to a mobile communication network. The item of digital content is associated with a description file (7) that describes the item of digital content and that comprises a list of time segments (C1i@Nj) of the item of content that are each associated with multiple encoding rates of the item of content. A maximum data volume to be consumed within the mobile communication network, referred to as a data bucket, is allocated to the multimedia stream reading terminal. According to the invention, when the adaptive streaming of the item of digital content is launched, such a management method: - determines (DET 301) a data volume that would be consumed by the multimedia stream reading terminal as a result of streaming the time segments at at least certain encoding rates, - selects (SEL 302) a maximum encoding rate of the item of content authorized for the streaming on the basis of the consumed data volume associated therewith and of the data bucket.

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