

Title (en)

OPT-OUT METHOD FOR A STREAM IN A VARIABLE BIT-RATE MULTIPLEX, THE STREAM CONSISTING OF A PLURALITY OF CHUNKS, ASSOCIATED BROADCAST SITE AND DEVICES

Title (de)

ABMELDEVERFAHREN FÜR EINEN STROM IN MULTIPLEX MIT VARIABLER BITRATE, WOBEI DER STROM AUS MEHREREN SEGMENTEN, EINEM ZUGEHÖRIGEN SENDEORT UND VORRICHTUNGEN BESTEHT

Title (fr)

PROCÉDÉ DE DÉCROCHAGE D'UN FLUX DANS UN MULTIPLEX À DÉBIT VARIABLE, LEDIT FLUX ÉTANT CONSTITUÉ D'UNE PLURALITÉ DE CHUNKS, SITE DE DIFFUSION ET DISPOSITIFS ASSOCIÉS

Publication

**EP 4091331 A1 20221123 (FR)**

Application

**EP 21700078 A 20210112**

Priority

- FR 2000323 A 20200114
- EP 2021050458 W 20210112

Abstract (en)

[origin: WO2021144247A1] The invention relates to a method for opting out within a multiplex made up of a plurality of streams transmitting services, the method being implemented in a broadcast network at a broadcast site receiving a stream broadcasting a first service to be replaced by a second service from a first given point in time. The video component of the second service consists of a plurality of chunks with different bit rates. The method comprises at least the following steps implemented at at least one broadcast site: segmenting the first service into a plurality of time segments of at least the size of a chunk, and determining the bit rate of each segment of the first service, selecting, for each component of the service to be replaced and for each time segment, a chunk whose bit rate is at most equal to that of the first service of this segment, the selected chunk being split into packets that are inserted into the first stream, replacing each component of the first service with data packets from the selected chunk, reiterating the above steps until a second given point in time when the broadcast of the service of the first stream is resumed.

IPC 8 full level

**H04N 21/234** (2011.01); **H04N 21/2365** (2011.01); **H04N 21/845** (2011.01)

CPC (source: EP)

**H04N 21/23424** (2013.01); **H04N 21/23655** (2013.01); **H04N 21/8456** (2013.01)

Citation (search report)

See references of WO 2021144247A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3106246 A1 20210716**; **FR 3106246 B1 20221209**; EP 4091331 A1 20221123; WO 2021144247 A1 20210722

DOCDB simple family (application)

**FR 2000323 A 20200114**; EP 2021050458 W 20210112; EP 21700078 A 20210112