

Title (en)

DIGITAL VIDEO PROGRAMME MULTIPLEXING DEVICE

Title (de)

DIGITALE ANORDNUNG ZUM MULTIPLEXEN VON VIDEOPROGRAMMEN

Title (fr)

DISPOSITIF DE MULTIPLEXAGE NUMERIQUE DE PROGRAMMES VIDEO

Publication

**EP 0800747 A1 19971015 (FR)**

Application

**EP 95942247 A 19951212**

Priority

- FR 9501648 W 19951212
- FR 9414988 A 19941213

Abstract (en)

[origin: WO9619081A1] A device for transmitting a number of video programmes over a transmission channel having a predetermined throughput capacity, including, for each programme channel supplying a multiplexer, a video encoder having a frame-by-frame programmable encoding throughput. The device comprises, on each programme channel, a frame store (20) with a capacity of at least one frame positioned upstream from the programmable encoder (16), and an auxiliary encoder (22) receiving a series of input frames one frame ahead of the the first encoder. Means (26) for comparing the qualities of the frames encoded by the auxiliary encoders with one another or with a reference value control the encoding throughput to balance the output qualities of the various encoders.

IPC 1-7

**H04N 7/58**; H04N 7/50

IPC 8 full level

**H04N 7/50** (2006.01); **H04N 7/58** (2006.01); **H04N 21/2365** (2011.01); **H04N 21/434** (2011.01)

CPC (source: EP)

**H04N 19/124** (2014.11); **H04N 19/14** (2014.11); **H04N 19/15** (2014.11); **H04N 19/172** (2014.11); **H04N 19/61** (2014.11); **H04N 21/23655** (2013.01); **H04N 19/146** (2014.11)

Citation (search report)

See references of WO 9619081A1

Cited by

EP3088159A1

Designated contracting state (EPC)

AT BE CH DE DK ES GB IT LI LU NL PT SE

DOCDB simple family (publication)

**WO 9619081 A1 19960620**; AU 4350196 A 19960703; CA 2208432 A1 19960620; CN 1173264 A 19980211; EP 0800747 A1 19971015; FR 2728129 A1 19960614; FR 2728129 B1 19970214

DOCDB simple family (application)

**FR 9501648 W 19951212**; AU 4350196 A 19951212; CA 2208432 A 19951212; CN 95197329 A 19951212; EP 95942247 A 19951212; FR 9414988 A 19941213