Title (en)
MEASURING AND REGULATING SYNCHRONIZATION OF MERGED VIDEO AND AUDIO DATA

Title (de)
SYNCHRONISATIONSMESSUNG UND -REGELUNG VON GEMULTIPLEXTEN VIDEO- UND AUDIODATEN

Title (fr)
MESURE ET REGULATION DE LA SYNCHRONISATION DE DONNEES VIDEO ET AUDIO FUSIONNEES

Publication
EP 0783823 A4 19981202 (EN)

Application
EP 94931269 A 19940829

Priority
US 9409565 W 19940829

Abstract (en)
[origin: WO9607274A1] This invention concerns real-time assembly of a compressed audio-visual system data stream (22) so the audio and video data may be subsequently presented in synchronism. Assembly of a system data stream (22) in accordance with present invention interleaves packets of data selected from a compressed audio bitstream (16) with packets of data selected from a compressed video bitstream (18). If frames of video data being assembled into the system data stream (22) advance too far ahead of the audio data being assembled into the system data stream (22), then all the data for a single frame of the video signal is omitted from the system data stream (22). Conversely, if frames of video data being assembled into the system data stream (22) lag too far behind the audio data being assembled into the system data stream (22), then a second copy of all the data for a single frame of the video signal is assembled into the system data stream (22).

IPC 1-7
H04N 7/52; H04N 7/06; H04N 5/928

IPC 8 full level
H04N 7/26 (2006.01); G09G 5/00 (2006.01); G10L 13/00 (2006.01); G11B 20/10 (2006.01); H03M 7/30 (2006.01); H04N 7/04 (2006.01); H04N 7/045 (2006.01); H04N 7/52 (2011.01)

CPC (source: EP US)
H04N 21/4305 (2013.01 - EP); H04N 21/43072 (2020.08 - EP US); H04N 21/4341 (2013.01 - EP)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 9607274A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9607274 A1 19960307; AU 8009894 A 19960322; EP 0783823 A1 19970716; EP 0783823 A4 19981202; JP H10507042 A 19980707

DOCDB simple family (application)
US 9409565 W 19940829; AU 8009894 A 19940829; EP 94931269 A 19940829; JP 50867896 A 19940829