Title (en)
METHOD AND SYSTEM FOR TRANSMISSION OF VIDEO AND PACKETIZED AUDIO DATA IN MULTIPLE FORMATS OVER A SERIAL LINK

Title (de)
VERFAHREN UND SYSTEM ZUR ÜBERTRAGUNG VON VIDEO- UND PAKETIERTEN AUDIODATEN IN MEHREREN FORMATEN ÜBER EINE SERIELLE STRECKE

Title (fr)
PROCEDE ET SYSTEME DE TRANSMISSION, SUR UNE LIAISON SERIE, DE DONNEES VIDEO ET AUDIO PAQUETISEES AYANT DES FORMATS MULTIPLES

Publication
EP 1459532 A2 20040922 (EN)

Application
EP 02795758 A 20021205

Priority
- US 0238948 W 20021205
- US 3623401 A 20011224
- US 9542202 A 20020312
- US 17186002 A 20020614
- US 19223302 A 20020710

Abstract (en)
[origin: WO03058826A2] A communication system including a transmitter, a receiver, and a serial link, in which encoded data (e.g., video, audio, and optionally also other auxiliary data) are transmitted from the transmitter to the receiver. The serial link can but need not be a TMDS or TMDS-like link. In typical embodiments, packets of encoded audio data are transmitted over each of one or more channels of the link during data islands between bursts of encoded video data. Other aspects of the invention are transmitters for encoding video data (preferable having any of multiple video formats) and encoding and packetizing audio data (preferably having any of multiple audio formats) for transmission over a serial link, receivers for receiving (and preferable reformatting) such data, and methods for formatting, encoding, packetizing, decoding and reformatting data received or to be transmitted over a serial link.

IPC 1-7
H04N 7/08

IPC 8 full level
H04N 7/08 (2006.01); **H04L 1/00** (2006.01); **H04L 1/20** (2006.01); **H04N 7/081** (2006.01); **H04N 7/52** (2011.01); **H04N 19/89** (2014.01)

CPC (source: EP)
G09G 5/006 (2013.01); **H04L 1/0041** (2013.01); **H04L 1/0057** (2013.01); **H04L 1/203** (2013.01); **H04L 1/206** (2013.01); **H04N 19/89** (2014.11); G09G 2370/047 (2013.01)

Citation (search report)
See references of WO 03058826A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03058826 A2 20030717; **WO 03058826 A3 20031113**; CA 2471541 A1 20030717; EP 1459532 A2 20040922; JP 2005514849 A 20050519

DOCDB simple family (application)
US 0238948 W 20021205; CA 2471541 A 20021205; EP 02795758 A 20021205; JP 2003559026 A 20021205