Title (en)

MULTIPLEXED AUDIO AND DATA TRANSMISSION OVER DIGITAL CONTENT DELIVERY CHANNELS

Title (de)

GEMULTIPLEXTE AUDIO- UND DATENÜBERTRAGUNG ÜBER ABLIEFERKANÄLE FÜR DIGITALEN INHALT

Title (fr)

TRANSMISSION D'AUDIO ET DE DONNEES MULTIPLEXEES SUR DES CANAUX DE DISTRIBUTION DE CONTENUS NUMERIQUES

Publication

EP 1676432 A2 20060705 (EN)

Application

EP 04794805 A 20041012

Priority

- US 2004033549 W 20041012
- US 69124203 A 20031022

Abstract (en)

[origin: WO2005043881A2] Systems and methods for multiplexing content from variable-rate audio channels with content from one or more data channels uses an audio/data multiplexing module. This module time-multiplexes multiple audio and data channels into a single data channel output, and send it to a logical channel. The audio and data packets in the multiplexed signal are tagged on packets of audio or data information within the multiplexed signal. Receive modules receive and select a single logical channel for output. These modules include audio/data de-multiplexing modules that receive and de-multiplex the multiplexed audio and data content from a logical channel into separate paths, where the users of such systems can listen to audio content while at the same time receiving data content; such as artist pictures or weather information.

IPC 1-7

H04N 1/00

IPC 8 full level

H04J 3/08 (2006.01); **H04B 7/185** (2006.01); **H04H 20/30** (2008.01); **H04H 20/74** (2008.01)

IPC 8 main group level

H04H 1/00 (2006.01)

IPC 8 main group level

H04N (2006.01)

CPC (source: EP)

H04B 7/18523 (2013.01); **H04H 20/30** (2013.01); **H04H 20/74** (2013.01)

Citation (search report)

See references of WO 2005043881A2

Designated contracting state (EPC)

DE FR GB IT

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

WO 2005043881 A2 20050512; **WO 2005043881 A3 20060706**; EP 1676432 A2 20060705

DOCDB simple family (application)

US 2004033549 W 20041012; EP 04794805 A 20041012