Title (en)

SYSTEM AND METHOD FOR TRANSMITTING DIGITAL VIDEO FILES WITH ERROR RECOVERY

Title (de)

SYSTEM UND VERFAHREN ZUM ÜBERTRAGEN DIGITALER VIDEODATEIEN MIT FEHLERBEHEBUNG

Title (fr)

SYSTEME ET PROCEDE DESTINES A TRANSMETTRE DES FICHIERS VIDEOS NUMERIQUES A REPRISE SUR INCIDENT

Publication

EP 1444826 A4 20100901 (EN)

Application

EP 02801686 A 20021015

Priority

• US 0232681 W 20021015
• US 32948601 P 20011015

Abstract (en)

[origin: WO03034747A1] A system and apparatus for assigning a sequential control packet (in a sequential series) to a group of MPEG-2 compliant program packets for error recovery of a media object. The invention parses the media object into a series of program packets (204, 206) for transmission via a transport stream. A control packet (202) is then inserted into the transport stream as to correspond to a quantity of program packets, where a counter (220) of the control packet (202) is sequentially numbered. An additional control packet (210) is interleaved in the transport stream after a second quantity of program packets are parsed. Optionally, the control packets are received by a receiving device that issues a command in response to missing control packet, when there is a gap in the sequential numbering of received control packets.

IPC 1-7

H04N 7/12

IPC 8 full level

G06F 13/00 (2006.01); **H04L 29/08** (2006.01); **H04N 7/08** (2006.01); **H04N 7/081** (2006.01); **H04N 7/24** (2011.01); **H04N 7/26** (2006.01); **H04N 19/89** (2014.01)

CPC (source: EP KR)

H04N 19/89 (2014.11 - EP KR); **H04N 21/2389** (2013.01 - EP); **H04N 21/4385** (2013.01 - EP); **H04N 21/4425** (2013.01 - EP); **H04N 21/47202** (2013.01 - EP); **H04N 21/6375** (2013.01 - EP)

Citation (search report)

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• [X] EP 0939498 A2 19990901 - SONY CORP [JP]
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• [I] KOICHI YANO MATTHEW PODOLSKY STEVEN MCCANNE: "RTP Profile for RTCP-based Retransmission Request for Unicast session.; draft-podolsky-avt-rtprx-01.txt", IETF STANDARD-WORKING-DRAFT, INTERNET ENGINEERING TASK FORCE, IETF, CH, no. 1, 10 March 2000 (2000-03-10), XP015033996, ISSN: 0000-0004
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• See references of WO 03034747A1

Citation (examination)

US 5594490 A 19970114 - DAWSON WILLIAM P [US], et al

Designated contracting state (EPC)

DE ES FR GB IT TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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