Title (en)

ENCODING AND DECODING METHOD, AND ENCODING AND DECODING DEVICES WITH A TWO-STAGE ERROR PROTECTION PROCESS

Title (de)

CODIER- UND DECODIERVERFAHREN, SOWIE CODIER- UND DECODIERVORRICHTUNGEN MIT EINEM ZWEISTUFIGEN FEHLERSCHUTZVERFAHREN

Title (fr)

PROCEDE DE CODAGE ET DE DECODAGE ET DISPOSITIF DE CODAGE ET DE DECODAGE POURVUS D'UN PROCEDE DE PROTECTION CONTRE LES ERREURS EN DEUX ETAPES

Publication

EP 1771960 A1 20070411 (DE)

Application

EP 05773946 A 20050629

Priority

• EP 2005053076 W 20050629
• DE 102004036383 A 20040727

Abstract (en)

[origin: WO2006010689A1] Disclosed is an encoding method for transmitting a series of data packets in the framework of a combined streaming and downloading application by means of a two-stage error protection process and only one unidirectional transmission channel. According to said method, a partial block of successive data packets is protected against at least some of the transmission errors occurring during streaming with the aid of a first error protection process while all data packets are protected against the transmission errors remaining after streaming is completed with the aid of a second error protection process. The invention further relates to a decoding method by means of which a series of data packets that are encoded according to the inventive encoding method are decoded. Also disclosed is an encoding and decoding device for carrying out the inventive method.

IPC 8 full level

H04L 1/00 (2006.01); **H04N 19/00** (2014.01); **H04N 19/102** (2014.01); **H04N 19/134** (2014.01); **H04N 19/139** (2014.01); **H04N 19/196** (2014.01); **H04N 19/65** (2014.01); **H04N 19/67** (2014.01); **H04N 19/89** (2014.01); **H04N 19/895** (2014.01)

CPC (source: EP US)

H04L 1/0041 (2013.01 - EP US); **H04L 1/0045** (2013.01 - EP US); **H04L 1/0065** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006010689 A1 20060202; DE 102004036383 A1 20060323; DE 102004036383 B4 20060614; EP 1771960 A1 20070411; JP 2008508757 A 20080321; JP 2011078113 A 20110414; JP 5140716 B2 20130213; TW 200616372 A 20060516; US 2008320358 A1 20081225; US 2011131474 A1 20110602; US 8601343 B2 20131203

DOCDB simple family (application)

EP 2005053076 W 20050629; DE 102004036383 A 20040727; EP 05773946 A 20050629; JP 2007523053 A 20050629; JP 2010250268 A 20101108; TW 94124861 A 20050722; US 201113022256 A 20110207; US 65866705 A 20050629