Title (en)

VIDEO PROGRAM BEARING TRANSPORT STREAM REMULTIPLEXER

Title (de)

NEUMULTIPLEXER VON VIDEOPROGRAMMEN TRAGENDER TRANSPORTSTROM

Title (fr)

REMULTIPLEXEUR DE FLUX DE TRANSPORT SUPPORTANT UN PROGRAMME VIDEO

Publication

EP 1046253 A1 20001025 (EN)

Application

EP 99900800 A 19990107

Priority

- US 9900360 W 19990107
- US 721198 A 19980114
- US 721298 A 19980114
- US 733498 A 19980114
- US 720398 A 19980114
- US 720498 A 19980114
- US 721098 A 19980114
- US 696398 A 19980114
- US 696498 A 19980114
- US 719898 A 19980114
- US 719998 A 19980114

Abstract (en)

[origin: WO9937048A1] A method and system (30, 30', 100, 100', 100'', 100''') remultiplex video program bearing data (TS1-TS5, TS10-TS20), using a descriptor based system (122, 124, 129-4) for timely outputting transport packets, using a descriptor and transport packet caching technique (116, 122, 124, 114) for decoupling the synchronous receipt and transmission of transport packets from any asynchronous processing (160, 120, 130, S2, 402, S4, 404), using descriptors for managing scrambling and descrambling control words (129-9), optimizing bandwidth of transport streams by replacing null transport packets with transport packet data, and using a technique (180) for locking multiple internal reference clock generators (113).

IPC 1-7

H04J 3/24; H04L 9/18; H04L 12/56; H04K 1/00; H04N 7/10; H04N 7/12; H04N 7/52; H04N 7/24; H04N 7/58

IPC 8 full level

H04J 3/00 (2006.01); **H04K 1/00** (2006.01); **H04L 9/18** (2006.01); **H04N 7/24** (2011.01); **H04N 19/00** (2014.01); **H04N 19/467** (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP KR)

H04N 7/24 (2013.01 - KR); **H04N 21/23608** (2013.01 - EP); **H04N 21/434** (2013.01 - KR)

Designated contracting state (EPC)

CH DE FI FR GB IT LI NL

DOCDB simple family (publication)

WO 9937048 A1 19990722; AU 2030499 A 19990802; AU 761704 B2 20030605; BR 9906963 A 20011030; CA 2318415 A1 19990722; CA 2318415 C 20091215; CN 100380853 C 20080409; CN 1293845 A 20010502; EP 1046253 A1 20001025; EP 1046253 A4 20050511; HK 1036172 A1 20011221; IL 137277 A0 20010724; IL 137277 A 20061005; JP 2002510162 A 20020402; KR 20010034133 A 20010425; NO 20003599 D0 20000713; NO 20003599 L 20000913; NO 20084376 L 20000913

DOCDB simple family (application)

US 9900360 W 19990107; AU 2030499 A 19990107; BR 9906963 A 19990107; CA 2318415 A 19990107; CN 99803994 A 19990107; EP 99900800 A 19990107; HK 01106995 A 20011005; IL 13727799 A 19990107; JP 2000540637 A 19990107; KR 20007007746 A 20000713; NO 20003599 A 20000713; NO 20084376 A 20081017