

Title (en)  
METHOD FOR RECORDING A DIGITAL DATA STREAM

Title (de)  
VERFAHREN ZUR AUFZEICHNUNG EINES DIGITALEN DATENSTROMES

Title (fr)  
PROCEDE D'ENREGISTREMENT D'UN FLUX DE DONNEES NUMERIQUES

Publication  
**EP 1312088 A1 20030521 (EN)**

Application  
**EP 01958610 A 20010822**

Priority

- KR 0101420 W 20010822
- KR 20000048718 A 20000822

Abstract (en)  
[origin: WO0217317A1] The present invention relates to a digital data stream recording method. The present digital data stream recording method creates an additional empty stream object unit (SOBU) with only stuffing packets, if transport packets, received before a counted incremental packet arrival time for a SOBU exceeds a predetermined maximum incremental packet arrival time defined in a provisional standard related with a treamer, do not compose a single complete SOBU because the inpt bit rate of transport packets is so low that a SOBU is not fully written with transport packets within the maximum incremental time, and writes the time difference between the counted incremental packet arrival time and the maximum time in a mapping list entry associated with the created empty SOBU. Accordingly, an incremental time sum calculated from the mapping list is exactly matched with real incremental time counted for associated SOBUs, therefore, a target position can be exactly found with the incremental time inforamtion written in the mapping list.

IPC 1-7  
**G11B 20/04**

IPC 8 full level  
**G11B 20/10** (2006.01); **G11B 20/12** (2006.01); **G11B 27/034** (2006.01); **G11B 27/10** (2006.01); **G11B 27/30** (2006.01); **G11B 27/32** (2006.01); **H04N 5/00** (2006.01); **H04N 21/4147** (2011.01); **H04N 21/433** (2011.01); **H04N 21/4402** (2011.01)

CPC (source: EP KR)  
**G11B 20/10** (2013.01 - KR); **G11B 27/034** (2013.01 - EP); **G11B 27/105** (2013.01 - EP); **G11B 27/3027** (2013.01 - EP); **H04N 21/4147** (2013.01 - EP); **H04N 21/4334** (2013.01 - EP); **H04N 21/440209** (2013.01 - EP); **G11B 2220/216** (2013.01 - EP); **G11B 2220/2562** (2013.01 - EP)

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**WO 0217317 A1 20020228**; AU 8023601 A 20020304; CN 100394505 C 20080611; CN 1190962 C 20050223; CN 1388966 A 20030101; CN 1645505 A 20050727; EP 1312088 A1 20030521; EP 1312088 A4 20060426; JP 2004507029 A 20040304; JP 3875635 B2 20070131; KR 100575527 B1 20060503; KR 20020015577 A 20020228

DOCDB simple family (application)  
**KR 0101420 W 20010822**; AU 8023601 A 20010822; CN 01802493 A 20010822; CN 200410104584 A 20010822; EP 01958610 A 20010822; JP 2002521295 A 20010822; KR 20000048718 A 20000822