Title (en)
A METHOD AND AN APPARATUS FOR DATA STREAMING

Title (de)
VERFAHREN UND VORRICHTUNG ZUM DATEN-STREAMING

Title (fr)
APPAREIL ET PROCÉDÉ DE MISE EN FLUX DE DONNÉES

Publication
EP 2064703 A2 20090603 (EN)

Application
EP 07802920 A 20070827

Priority
- EP 2007058882 W 20070827
- US 84291806 P 20060908
- SE 0601863 A 20060908
- GB 0700343 A 20070109

Abstract (en)
[origin: GB2441577A] A server <B>1</B> for a video on demand (VOD) or similar streaming application comprises a streaming unit <B>3</B> which is an FPGA (field programmable gate array), programmable logic device (PLD) or similar which performs the common repetitive streaming functions. This is coupled to a control unit <B>6</B> which comprises a general purpose CPU which handles more varied but less frequent tasks. The video or other payload is stored in a memory <B>7</B>, which is probably flash memory or similar. Upon receiving video data the control unit segments it and identifies intra-frames (I-frames). It then stores the segments in memory along with pointers to the next segment as well as pointers to the I frames (See Fig. 5). Upon playback the streaming unit reads out a segment of video data along with the pointers. It then uses different pointers to access a new segment depending upon whether it is normal playback, fast forward or rewind mode.

IPC 8 full level
G11B 27/30 (2006.01); **H04N 5/00** (2011.01); **H04N 7/16** (2011.01); **H04N 7/24** (2006.01)

CPC (source: EP GB)
H04N 5/765 (2013.01 - EP); **H04N 7/163** (2013.01 - EP); **H04N 7/17336** (2013.01 - GB); **H04N 21/231** (2013.01 - EP);
H04N 21/232 (2013.01 - EP); **H04N 21/23406** (2013.01 - EP); **H04N 21/2347** (2013.01 - EP); **H04N 21/2387** (2013.01 - EP);
H04N 21/2393 (2013.01 - EP); **H04N 21/241** (2013.01 - EP); **H04N 21/4405** (2013.01 - EP); **H04N 21/6587** (2013.01 - EP);
H04N 21/8455 (2013.01 - EP); H04N 5/783 (2013.01 - EP); H04N 9/8042 (2013.01 - EP)

Citation (search report)
See references of WO 2008028836A2

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
GB 0700343 D0 20070214; **GB 2441577 A 20080312**; EP 2064703 A2 20090603; WO 2008028836 A2 20080313; WO 2008028836 A3 20080508

DOCDB simple family (application)
GB 0700343 A 20070109; EP 07802920 A 20070827; EP 2007058882 W 20070827