

Title (en)

DIGITAL TV SYSTEM WITH SYNCHRONIZED WORLD WIDE WEB CONTENT

Title (de)

DIGITALES FERNSEHSYSTEM MIT SYNCHRONISIERTEM WORLD WIDE WEB INHALT

Title (fr)

SYSTEME DE TELEVISION NUMERIQUE AVEC CONTENU WEB SYNCHRONISE AU PLAN MONDIAL

Publication

**EP 1145544 A2 20011017 (EN)**

Application

**EP 99937537 A 19990727**

Priority

- US 9917000 W 19990727
- US 12457298 A 19980729

Abstract (en)

[origin: WO0007361A2] In a one way broadcast digital video network, Internet HTML Web page data is formatted to fit within a standard MPEG-2 data packet structure, and multiplexed along with other MPEG-2 digital video signals for transport within a multiple channel digital video system. In particular, the headend server broadcasts a rotating carousel comprising an ensemble of Web pages in HTML format. The rotating carousel contains both broadcast Web pages and simulcast Web pages and a control map permitting the viewer to navigate among the HTML Web pages of the rotating carousel. In particular, the control map contains the locations of the HTML Web pages in the rotating carousel that correspond to broadcast Web pages. The control map further contains the locations of the HTML Web pages in the rotating carousel that correspond to simulcast Web pages. The control map is updated and rebroadcast whenever there is a change at the start, middle or end of a broadcast video program, thereby synchronizing the simulcast Web pages to the multiple channel broadcast digital video programs.

IPC 1-7

**H04N 5/00**

IPC 8 full level

**H04H 20/00** (2008.01); **H04N 7/08** (2006.01); **H04N 7/081** (2006.01); **H04N 7/16** (2011.01); **H04N 21/235** (2011.01); **H04N 21/236** (2011.01); **H04N 21/2365** (2011.01); **H04N 21/433** (2011.01); **H04N 21/434** (2011.01); **H04N 21/435** (2011.01); **H04N 21/462** (2011.01); **H04N 21/478** (2011.01); **H04N 21/4782** (2011.01); **H04N 21/8545** (2011.01); **H04N 21/858** (2011.01)

CPC (source: EP)

**H04N 7/165** (2013.01); **H04N 21/235** (2013.01); **H04N 21/23614** (2013.01); **H04N 21/2365** (2013.01); **H04N 21/4331** (2013.01); **H04N 21/4348** (2013.01); **H04N 21/435** (2013.01); **H04N 21/4622** (2013.01); **H04N 21/47815** (2013.01); **H04N 21/4782** (2013.01); **H04N 21/8545** (2013.01); **H04N 21/8586** (2013.01)

Citation (search report)

See references of WO 0007361A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0007361 A2 20000210**; **WO 0007361 A3 20011213**; **WO 0007361 A9 20000518**; AU 5235099 A 20000221; AU 772187 B2 20040408; CA 2337910 A1 20000210; CA 2337910 C 20081209; CN 1319304 A 20011024; EP 1145544 A2 20011017; JP 2002521972 A 20020716

DOCDB simple family (application)

**US 9917000 W 19990727**; AU 5235099 A 19990727; CA 2337910 A 19990727; CN 99810266 A 19990727; EP 99937537 A 19990727; JP 2000563060 A 19990727