

Title (en)

SYSTEM AND METHOD FOR PROVIDING MULTI-CHANNEL TELEVISION CONTENT OVER A SINGLE-CHANNEL COMMUNICATION LINK

Title (de)

SYSTEM UND VERFAHREN ZUR BEREITSTELLUNG VON MULTIKANALFERNSEHINHALT ÜBER EINE
EINZELKANALKOMMUNIKATIONSVERBINDUNG

Title (fr)

SYSTEME ET PROCEDE DE FOURNITURE D'UN CONTENU TELEVISUEL MULTI-CANAUX SUR UNE LIAISON DE COMMUNICATION A UN
SEUL CANAL

Publication

EP 1205074 A4 20051026 (EN)

Application

EP 00955613 A 20000816

Priority

- US 0022524 W 20000816
- US 14906599 P 19990816
- US 63871900 A 20000814

Abstract (en)

[origin: WO0113636A1] A system and method for providing multi-channel television content over a single-channel communication link (24) using digital subscriber line (DSL) technology is disclosed. A video spooler (60) is configured to receive a live, or stored, video request from a customer. A central office (20) is in communication with the video spooler (60) and is configured to receive the program request from the video spooler (60) if the request is for a live program and transmit the requested live program to the video spooler (60). During periods when the customer is not viewing a live program, the video spooler (60) requests and stores requested programs from the central office (20) for future viewing. The video spooler (60) also makes it possible for the customer to view stored programs at a future date. Capability is also provided by the video spooler (60) to allow a customer within a network to view a live program while another customer within the network views a stored program.

IPC 1-7

H04N 7/173

IPC 8 full level

H04M 3/42 (2006.01); **H04M 3/493** (2006.01); **H04M 11/08** (2006.01); **H04N 7/10** (2006.01); **H04N 7/173** (2011.01); **H04N 7/16** (2011.01)

CPC (source: EP US)

H04L 65/612 (2022.05 - EP); **H04L 65/765** (2022.05 - EP); **H04N 7/108** (2013.01 - EP); **H04N 7/17318** (2013.01 - EP);
H04N 7/17327 (2013.01 - EP); **H04N 21/26216** (2013.01 - EP); **H04N 21/2625** (2013.01 - EP); **H04N 21/4331** (2013.01 - EP);
H04N 21/4334 (2013.01 - EP); **H04N 21/43622** (2013.01 - EP); **H04N 21/44222** (2013.01 - EP US); **H04N 21/47214** (2013.01 - EP);
H04N 21/6125 (2013.01 - EP)

Citation (search report)

- [X] EP 0702492 A1 19960320 - NORTHERN TELECOM LTD [CA]
- [A] WO 9712486 A1 19970403 - BOSTON TECH INC [US]
- [A] US 5923361 A 19990713 - SUTTON JR GARNETT GRAHAM [US]
- [A] EP 0493099 A2 19920701 - GTE LABORATORIES INC [US]
- [A] WO 9704583 A2 19970206 - SIEMENS AG [DE], et al
- See references of WO 0113636A1

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 0113636 A1 20010222; AU 6778700 A 20010313; BR 0013382 A 20020507; CA 2382062 A1 20010222; CN 1160963 C 20040804;
CN 1375165 A 20021016; EP 1205074 A1 20020515; EP 1205074 A4 20051026; IL 148178 A0 20020912; JP 2003507942 A 20030225;
MX PA02001595 A 20020702; TR 200200835 T2 20020621

DOCDB simple family (application)

US 0022524 W 20000816; AU 6778700 A 20000816; BR 0013382 A 20000816; CA 2382062 A 20000816; CN 00812965 A 20000816;
EP 00955613 A 20000816; IL 14817800 A 20000816; JP 2001517800 A 20000816; MX PA02001595 A 20000816; TR 200200835 T 20000816