

Title (en)

CONTENT IDENTIFICATION IN A DIGITAL VIDEO RECORDER

Title (de)

INHALTSIDENTIFIKATION IN EINEM DIGITALEN VIDEOREKORDER

Title (fr)

IDENTIFICATION DE CONTENU DANS UN ENREGISTREUR VIDEO NUMERIQUE

Publication

EP 1504598 A4 20090701 (EN)

Application

EP 03724522 A 20030508

Priority

- US 0314507 W 20030508
- US 44273902 A 20020509

Abstract (en)

[origin: WO03096686A1] The invention concerns a method and apparatus for controlling a video-media recording device configured for automatically identifying and selectively skipping commercial message segments of a video signal. The method can include the steps of recording (206) the video signal on a digital recording medium (124) in a digital format; monitoring the video signal to detect an event start and an event end (208) corresponding to a beginning and an end of at least one commercial message; and selectively storing in a memory location (220) digital data identifying an event start information and an event end information. At least one of the event start information and the event end information can identify the location of the one or more commercial messages. The method can also include selectively skipping (312) in a playback mode the commercial portion of the video signal responsive to the digital data identifying the event start information and the event end information.

IPC 1-7

H04N 5/91

IPC 8 full level

H04N 5/76 (2006.01); **H04N 21/435** (2011.01); **H04N 21/4545** (2011.01); **H04N 5/85** (2006.01); **H04N 9/79** (2006.01); **H04N 9/804** (2006.01)

CPC (source: EP KR)

H04H 20/106 (2013.01 - EP); **H04H 60/27** (2013.01 - EP); **H04H 60/37** (2013.01 - EP); **H04N 5/76** (2013.01 - EP); **H04N 5/91** (2013.01 - KR);
H04N 5/92 (2013.01 - KR); **H04N 5/85** (2013.01 - EP); **H04N 9/7921** (2013.01 - EP); **H04N 9/8042** (2013.01 - EP)

Citation (search report)

- [X] EP 1193973 A2 20020403 - VICTOR COMPANY OF JAPAN [JP]
- [X] WO 0111865 A1 20010215 - BRITISH SKY BROADCASTING LTD [GB], et al
- [PA] US 6449021 B1 20020910 - OHTA MASASHI [JP], et al
- [A] US 6100941 A 20000808 - DIMITROVA NEVENKA [US], et al
- [A] US 2002001459 A1 20020103 - FUJIE KEIICHIRO [JP], et al & JP 2000165796 A 20000616 - SONY CORP
- See references of WO 03096686A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 03096686 A1 20031120; AU 2003230353 A1 20031111; CN 100411434 C 20080813; CN 1653809 A 20050810; EP 1504598 A1 20050209;
EP 1504598 A4 20090701; JP 2006511980 A 20060406; JP 4541139 B2 20100908; KR 100960342 B1 20100528; KR 20040106500 A 20041217;
MX PA04011027 A 20050125

DOCDB simple family (application)

US 0314507 W 20030508; AU 2003230353 A 20030508; CN 03810519 A 20030508; EP 03724522 A 20030508; JP 2004504514 A 20030508;
KR 20047017989 A 20030508; MX PA04011027 A 20030508