

Title (en)

METHOD AND APPARATUS FOR EFFICIENTLY REPRESENTING, STORING AND ACCESSING VIDEO INFORMATION

Title (de)

VERFAHREN UND GERÄT ZUM WIRKSAMEN DARSTELLEN, SPEICHERN UND ZUGRIFF VON VIDEOINFORMATIONEN

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE REPRESENTER, DE METTRE EN MEMOIRE ET D'ACCEDER DE MANIERE EFFICACE A DES INFORMATIONS VIDEO

Publication

EP 0976089 A1 20000202 (EN)

Application

EP 97947483 A 19971114

Priority

- US 9720652 W 19971114
- US 3100396 P 19961115

Abstract (en)

[origin: WO9821688A1] A method and concomitant apparatus for comprehensively representing video information in a manner facilitating indexing of the video information. Specifically, a method according to the invention comprises the steps of dividing a continuous video stream into a plurality of video scenes (610, 612); and at least one of the steps of dividing, using intra-scene motion analysis, at least one of the plurality of scenes into one or more layers steps (620); representing, as a mosaic, at least one of the plurality of scenes; computing, for at least one layer or scene, one or more content-related appearance attributes (630); and storing in a database, the content-related appearance attributes or said mosaic representations (630).

IPC 1-7

G06K 9/00; **G06F 17/30**

IPC 8 full level

G06F 17/30 (2006.01); **G06T 7/20** (2006.01); **G11B 27/28** (2006.01); **H04N 7/26** (2006.01)

CPC (source: EP)

G06F 16/739 (2018.12); **G06F 16/745** (2018.12); **G06F 16/78** (2018.12); **G06F 16/786** (2018.12); **G11B 27/28** (2013.01); **H04N 19/142** (2014.11); **H04N 19/179** (2014.11); **H04N 19/23** (2014.11); **H04N 19/87** (2014.11); **G11B 2220/20** (2013.01)

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 9821688 A1 19980522; EP 0976089 A1 20000202; EP 0976089 A4 20011114; JP 2001503895 A 20010321

DOCDB simple family (application)

US 9720652 W 19971114; EP 97947483 A 19971114; JP 52279298 A 19971114