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

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Application

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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).

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