

Title (en)

METHOD AND SYSTEM FOR GENERATING SEMANTIC VISUAL TEMPLATES FOR IMAGE AND VIDEO RETRIEVAL

Title (de)

VERFAHREN UND SYSTEM ZUM GENERIEREN SEMANTISCH VISUELLER MODELLE ZUR DARSTELLUNGS UND VIDEOWIEDERAUFFINDUNG

Title (fr)

SYSTEME ET PROCEDE DE GENERATION DE GABARITS SEMANTIQUES VISUELS POUR L'EXTRACTION D'IMAGES ET DE VIDEO

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Application

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Abstract (en)

[origin: WO9945483A1] For database image/video retrieval, a semantic visual template (SVT) is a set of icons of example scenes/objects that characterize a concept, e.g. skiing, sunset and the like. SVTs provide for two-way interaction between a user and a system. The user can provide the system with an initial sketch or example image, as a seed to the system to automatically generate other representations of the same concept. The user then can pick those views for inclusion that are plausible for representing the concept. When an SVT has been established, the database can be searched with it, for the user to provide relevancy feedback on the returned results. With established SVTs, the user can interact with the system at concept level. In forming new concepts, pre-existing SVTs can be used. A limited vocabulary can be parsed, in conjunction with semantic visual templates for querying the system.

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