

Title (en)

DEVICE AND METHOD FOR ARRANGING IN GROUPS TEMPORAL SEGMENTS OF A PIECE OF MUSIC

Title (de)

VORRICHTUNG UND VERFAHREN ZUM GRUPPIEREN VON ZEITLICHEN SEGMENTEN EINES MUSIKSTÜCKS

Title (fr)

DISPOSITIF ET PROCEDE POUR REGROUPER DES SEGMENTS TEMPORELS D'UN MORCEAU DE MUSIQUE

Publication

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Application

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Abstract (en)

[origin: WO2006034743A1] The invention relates to a method for arranging in various segment classes temporal segments of an audio piece which is structured into main parts which recur in the audio piece. For this purpose, a similarity representation of the segments is established (10). Said similarity representation comprises for each segment an associated plurality of similarity values which indicate the degree of similarity of the segment with every other segment of the piece of music. The similarity values associated with the segment are used to calculate a similarity threshold value for a segment (12) in order to allocate a segment to a segment class (14) if the similarity value of the segment meets a defined relationship with respect to the similarity threshold value. The invention provides a clustering method which works efficiently and correctly even in cases where the segments have very different or almost identical combined similarity values.

IPC 8 full level

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