Title (en)
METHOD FOR RECOGNIZING NOTE PATTERNS IN PIECES OF MUSIC

Title (de)
VERFAHREN ZUR ERKENNUNG VON NOTENMUSTERN IN MUSIKSTÜCKEN

Title (fr)
PROCÉDÉ PERMETTANT DE DÉTECTER DES MOTIFS DE NOTES DANS DES PIÈCES MUSICALES

Publication
EP 2351017 B1 20130102 (DE)

Application
EP 09755830 A 20091015

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Abstract (en)
[origin: EP2180463A1] The method involves repeatedly segmenting channels (ch1-chp) i.e. musical instrument digital interface channels. Identical segments are determined and stored in lists (L11-Lpn) of music candidate patterns with instances for each segmentation type. Coincidence values (K21-12, K21-31) for each list of each channel are calculated relative to the lists of the channels. Resemblance values (E12, E21) and the coincidence values of each list are concatenated to a total value (Gpn) per list. The patterns with the highest total value in each channel are used as detected note pattern of the channels.

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G10H 1/0066 (2013.01 - EP US); G10H 2210/061 (2013.01 - EP US); G10H 2250/135 (2013.01 - EP US)

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