

Title (en)

METHOD FOR DETERMINING A DICTIONARY OF BASE COMPONENTS FROM AN AUDIO SIGNAL

Title (de)

VERFAHREN ZUM BESTIMMEN EIN WÖRTERBUCH VON BASISKOMPONENTEN AUS EINEM AUDIOSIGNAL

Title (fr)

PROCEDE POUR DETERMINER UNE DICTIONNAIRE DE COMPOSANTS DE BASE D'UN SIGNAL AUDIO

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Application

EP 12794680 A 20121121

Priority

EP 2012073149 W 20121121

Abstract (en)

[origin: WO2014079484A1] The invention relates to a method (440) for determining a dictionary of base components (431) from an audio signal (401), the audio signal (401) being represented by an input matrix (V) which columns comprise features of the audio signal (401) at different instances in time, the method (440) comprising: decomposing (430) the input matrix (V) into a product of a non-negative base matrix (W) and a non-negative weight matrix (H), the decomposing (430) being constrained by a Wiener entropy measure with respect to elements of the non-negative weight matrix (H), wherein components of the non-negative base matrix (W) represent the dictionary of base components (431) of the audio signal (401).

IPC 8 full level

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