

Title (en)

METHOD FOR MULTIPITCH TRACKING

Title (de)

VERFAHREN ZUR ERMITTLUNG VON GRUNDFREQUENZ-VERLÄUFEN MEHRERER SIGNALQUELLEN

Title (fr)

PROCÉDÉ POUR LA DÉTERMINATION DE LA FRÉQUENCE FONDAMENTALE DE PLUSIEURS SOURCES DE SIGNAL

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Application

EP 11708975 A 20110222

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Abstract (en)

[origin: WO2011106809A1] The invention relates to a method for determining fundamental-frequency courses of a plurality of signal sources from a one-channel audio recording of a mixed signal, comprising the following steps: a) determining the spectrogram properties of the pitch states of individual signal sources using training data; b) determining the probabilities of the fundamental-frequency combinations of the signal sources contained in the mixed signal by combining the properties determined in a) by means of an interaction model; and c) tracking the fundamental-frequency courses of the individual signal sources.

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