

Title (en)

Method to determine the fundamental frequency of a speech signal

Title (de)

Verfahren zur Bestimmung der Grundfrequenz in einem Sprachsignal

Title (fr)

Procédé d'extraction de la fréquence fondamentale d'un signal de parole

Publication

EP 0821345 B1 20010905 (FR)

Application

EP 97401752 A 19970721

Priority

FR 9609313 A 19960724

Abstract (en)

[origin: EP0821345A1] The fundamental frequency extraction method preaccentuates signals then inputs a number of frames of digital samples. A Fourier Transform calculation is then carried out of the energy transform of the samples, and also of the smoothed output of the current frame. The difference between the two calculations is taken, and the harmonic product taken. The fundamental frequency is then extracted from the harmonic product.

IPC 1-7

G10L 11/04

IPC 8 full level

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CPC (source: EP)

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Cited by

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