

Title (en)

Method and device for frequency compression with selective frequency shifting

Title (de)

Verfahren und Vorrichtung zur Frequenzkompression mit selektiver Frequenzverschiebung

Title (fr)

Procédé et dispositif de compression de fréquence à décalage de fréquence sélectif

Publication

EP 2437258 B1 20151111 (DE)

Application

EP 11183051 A 20110928

Priority

DE 102010041653 A 20100929

Abstract (en)

[origin: EP2437258A2] The method involves providing an audio signal in a frequency channel (14'). A dominant instantaneous frequency (14'') is determined in the frequency channel. The channel including the instantaneous frequency is displaced or reproduced in another channel. A permanent frequency position (fd) for the instantaneous frequency is determined by a preset compression characteristic line in the latter channel based on a frequency position (fs) of the instantaneous frequency. The instantaneous frequency is displaced or reproduced from an intermediate frequency position (fz) to the permanent position. An independent claim is also included for a device for compressing frequency of an audio signal.

IPC 8 full level

G10L 21/00 (2013.01); **H04R 25/00** (2006.01); **G10L 19/02** (2013.01); **G10L 21/06** (2013.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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