Title (en)

METHOD FOR FREQUENCY DISTORTION OF AN AUDIO SIGNAL AND A HEARING AID CARRYING OUT THIS METHOD

Title (de)

VERFAHREN ZUR FREQUENZVERZERRUNG EINES AUDIOSIGNALS SOWIE EIN HÖRGERÄT ZUM AUSFÜHREN DIESES VERFAHRENS

Title (fr)

PROCÉDÉ POUR UNE DISTORSION DE FRÉQUENCE D'UN SIGNAL AUDIO AINSI QU'UNE PROTHÈSE AUDITIVE METTANT EN OEUVRE UN TEL PROCÉDÉ

Publication

EP 3373601 B1 20230531 (DE)

Application

EP 18154220 A 20180130

Priority

DE 102017203631 A 20170306

Abstract (en)

[origin: US2018255407A1] A method for the frequency distortion of an audio signal includes splitting the audio signal into a plurality of specified frequency bands, in which a band limit frequency is defined in each case by two respective immediately adjacent frequency bands. A first frequency band and a second frequency band lying immediately above the first frequency band are determined on the basis of the audio signal. A distortion of the frequencies differing from the distortion applied to signal components in the second frequency band is applied to signal components in the first frequency band, and a frequency-distorted signal is generated as a result. A method for suppressing an acoustic feedback in an acoustic system and a hearing aid are also provided.

IPC 8 full level

H04R 25/00 (2006.01); H04R 27/00 (2006.01)

CPC (source: CN EP US)

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