

Title (en)

METHOD FOR REDUCTION OF ACOUSTIC FEEDBACK IN A HEARING AID

Title (de)

VERFAHREN ZUR VERRINGERUNG EINES AUFTRETENS EINER AKUSTISCHEN RÜCKKOPPLUNG IN EINEM HÖRGERÄT

Title (fr)

PROCÉDÉ DE RÉDUCTION DE LA PRÉSENCE D'UNE RÉTROACTION ACOUSTIQUE DANS UN APPAREIL AUDITIF

Publication

**EP 3576433 B1 20210811 (DE)**

Application

**EP 19174570 A 20190515**

Priority

DE 102018208657 A 20180530

Abstract (en)

[origin: US2019373379A1] In a method that reduces the occurrence of acoustic feedback in a hearing device, a first wearing situation is created that determines a positioning of the hearing device relative to the wearer. For the first wearing situation, a first usage situation is created being a body movement of the wearer of the hearing device and/or a relative position of an external object relative to the body of the wearer. A first number of frequency-resolved curves of a feedback tendency of the hearing device are determined for the first use situation. A first criticality measure is ascertained based on the frequency-resolved curve for the first use situation that contains information on a frequency range that is critical with respect to an occurrence of acoustic feedback and a corresponding relative probability of acoustic feedback, and a target is established for adapting a hearing device parameter based on the first criticality measure.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: CN EP US)

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