

Title (en)

HEARING DEVICE WITH ACTIVE NOISE CANCELLATION AND METHOD FOR OPERATING IT

Title (de)

HÖRGERÄT MIT AKTIVER GERÄUSCHUNTERDRÜCKUNG UND VERFAHREN ZUM BETRIEB DESSELBEN

Title (fr)

APPAREIL AUDITIF AVEC ANNULATION ACTIVE DU BRUIT ET PROCÉDÉ DE FONCTIONNEMENT DE LEQUEL

Publication

EP 3793209 B1 20230426 (DE)

Application

EP 20190884 A 20200813

Priority

DE 102019213807 A 20190911

Abstract (en)

[origin: US2021076146A1] A method operates a hearing device which performs active noise suppression for suppressing noise signals having one or more frequency components. An audiogram is provided which specifies a hearing threshold of a user of the hearing device as a function of frequency, wherein by using the audiogram it is determined which frequency components of the noise are audible to the user and which are not audible. The noise suppression is operated selectively by suppressing audible frequency components of the noise and by not suppressing inaudible frequency components of the noise. A corresponding hearing device is operated according to the method.

IPC 8 full level

G10K 11/178 (2006.01); **H04R 1/10** (2006.01)

CPC (source: CN EP US)

G10K 11/17837 (2017.12 - EP); **G10K 11/17873** (2017.12 - US); **G10K 11/17881** (2017.12 - EP); **H04R 1/1083** (2013.01 - EP); **H04R 25/505** (2013.01 - CN US); **H04R 25/603** (2019.04 - CN); **H04R 25/70** (2013.01 - US); **G10K 2210/1081** (2013.01 - EP US); **G10K 2210/3011** (2013.01 - US); **G10K 2210/3014** (2013.01 - EP); **G10K 2210/3025** (2013.01 - EP); **G10K 2210/3027** (2013.01 - US); **G10K 2210/3044** (2013.01 - US); **H04R 2430/03** (2013.01 - EP); **H04R 2460/01** (2013.01 - CN EP US); **H04R 2460/03** (2013.01 - EP); **H04R 2460/05** (2013.01 - CN EP US)

Cited by

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DOCDB simple family (application)

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