

Title (en)
Hearing aid and method for noise compensation in a hearing aid

Title (de)
Hörgerät und Verfahren zur Störschallkompensation bei einem Hörgerät

Title (fr)
Appareil auditif et procédé de compensation du bruit dans un appareil auditif

Publication
EP 2229010 B1 20200826 (DE)

Application
EP 10151957 A 20100128

Priority
DE 102009012745 A 20090312

Abstract (en)
[origin: EP2229010A2] The method involves determining a spectral band as a function of a hearing ability and/or a spectral distribution of energy of an interference sound (12). An input signal of a hearing device (8) that represents a sound in a spectral band is filtered according to a transmission function for the sound on an interference sound path. A compensation sound (15) is generated using the input signal in inverted and filtered form. Independent claims are also included for the following: (1) an hearing apparatus comprising a processing device for providing a spectral band and/or for determining a spectral band (2) a method of adjusting a hearing apparatus (3) an apparatus for adjusting a hearing apparatus.

IPC 8 full level
H04R 25/00 (2006.01); **G10K 11/178** (2006.01); **H04R 1/10** (2006.01)

CPC (source: EP US)
G10K 11/17823 (2017.12 - EP US); **G10K 11/1783** (2017.12 - EP US); **G10K 11/17854** (2017.12 - EP US); **G10K 11/17855** (2017.12 - EP US); **G10K 11/17873** (2017.12 - EP US); **H04R 1/1083** (2013.01 - EP US); **H04R 25/50** (2013.01 - EP US); **G10K 2210/1081** (2013.01 - EP US); **G10K 2210/3025** (2013.01 - EP US); **G10K 2210/509** (2013.01 - EP US); **G10K 2210/511** (2013.01 - EP US); **H04R 2460/01** (2013.01 - EP US)

Citation (examination)

- WO 2007011337 A1 20070125 - THOMSON LICENSING [FR], et al
- EP 1940197 A1 20080702 - SONY CORP [JP]

Cited by
WO2023214020A1

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DOCDB simple family (application)
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