

Title (en)

Method and device for determining a gain factor of a hearing aid

Title (de)

Verfahren und Vorrichtung zum Bestimmen eines Verstärkungsfaktors eines Hörhilfegeräts

Title (fr)

Procédé et dispositif de détermination d'un facteur d'amplification d'un appareil de correction auditive

Publication

**EP 2699020 B1 20160413 (DE)**

Application

**EP 13171684 A 20130612**

Priority

- US 201261684166 P 20120817
- DE 102013201043 A 20130123

Abstract (en)

[origin: EP2699020A2] The method (100) involves determining strength of an approximately undisturbed signal (110) i.e. acoustic signal, determining strength of an interference signal (120), determining strength of a disturbed signal (130), and generating an amplification factor (140) from the strength of the undisturbed signal, interference signal, and disturbed signal by forming a numerator. A denominator is formed (144), where the denominator includes the numerator. The amplification factor is determined (146) by forming a quotient from the numerator divided by the denominator.

IPC 8 full level

**H04R 3/00** (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP)

**H04R 25/407** (2013.01); **H04R 3/005** (2013.01); **H04R 2225/43** (2013.01); **H04R 2460/01** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2699020 A2 20140219; EP 2699020 A3 20150415; EP 2699020 B1 20160413**

DOCDB simple family (application)

**EP 13171684 A 20130612**