

Title (en)

Hearing aid with visualised psycho-acoustic magnitudes and corresponding method

Title (de)

Hörgerät mit visualisierter psychoakustischer Größe und entsprechendes Verfahren

Title (fr)

Appareil auditif avec visualisation des grandeurs psycho-acoustiques et procédé correspondant

Publication

**EP 2023668 B1 20191120 (DE)**

Application

**EP 08104718 A 20080711**

Priority

DE 102007035172 A 20070727

Abstract (en)

[origin: EP2023668A2] A hearing device (10) has a signal processing unit having microphone (11), an amplifier module (12) and a receiver (13). The signal processing unit process an input sound (E1) into an output sound (A1). A perceptive model (14) has a digital processor, which is implemented in the amplifier module of the signal processing unit. The psychoacoustic variable such as loudness etc. is transmitted by the perceptive model to a remote control (15) for visualization process based on the output sound. An independent claim is included for method for operating hearing device.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/70** (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); **H04R 25/558** (2013.01 - EP US); **H04R 2225/41** (2013.01 - EP US)

Citation (opposition)

Opponent : Oticon A/S

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Designated contracting state (EPC)

CH DE DK FR GB LI

DOCDB simple family (publication)

**EP 2023668 A2 20090211**; **EP 2023668 A3 20150325**; **EP 2023668 B1 20191120**; DE 102007035172 A1 20090205; DK 2023668 T3 20200217; US 2009028362 A1 20090129; US 8213650 B2 20120703

DOCDB simple family (application)

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