

Title (en)

HEARING DEVICE WITH LOW-INTERFERENCE RECEIVER CONTROL AND CORRESPONDING METHOD

Title (de)

HÖRVORRICHTUNG MIT STÖRARMER HÖRERANSTEUERUNG UND ENTSPRECHENDES VERFAHREN

Title (fr)

APPAREIL AUDITIF DOTÉ D'UNE COMMANDE DU RÉCEPTEUR DE FAIBLE INTERFÉRENCE ET PROCÉDÉ CORRESPONDANT

Publication

**EP 1983800 B1 20161214 (DE)**

Application

**EP 08103047 A 20080328**

Priority

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Abstract (en)

[origin: EP1983800A2] The hearing device has a transmission device for wireless data transmission in a main frequency band. A control device controls a loudspeaker with a control signal, where a frequency spectrum of the control signal possesses a notch (E) in a region of the main frequency band. The control signal of the control device is pulse-width-modulated. The transmission device has a band pass filter, where the data transmission by the transmission device takes place in a wide band of the frequency spectrum. An independent claim is also included for a method for operating a hearing device.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP)

**H04R 25/353** (2013.01); **H04R 25/552** (2013.01); **H04R 25/554** (2013.01); **H04R 2225/49** (2013.01)

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