

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

DE 102007018121 A 20070416

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)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1983800 A2 20081022; EP 1983800 A3 20091028; EP 1983800 B1 20161214; AU 2008201690 A1 20081030; AU 2008201690 B2 20100128; CN 101312602 A 20081126; CN 101312602 B 20120425; DE 102007018121 A1 20081030; DE 102007018121 B4 20121206; DK 1983800 T3 20170327; JP 2008271549 A 20081106; JP 5322485 B2 20131023

DOCDB simple family (application)

EP 08103047 A 20080328; AU 2008201690 A 20080416; CN 200810131453 A 20080416; DE 102007018121 A 20070416; DK 08103047 T 20080328; JP 2008105561 A 20080415