

Title (en)

Wireless transmission system for hearing-aids

Title (de)

Drahtloses Übertragungssystem für Hörgeräte

Title (fr)

Système de transmission sans fils pour prothèse auditive

Publication

EP 1406470 B1 20100120 (DE)

Application

EP 03021041 A 20030917

Priority

DE 10245555 A 20020930

Abstract (en)

[origin: EP1406470A2] The hearing aid has a radio device for signal transmission, especially to a second hearing aid, whereby the radio device has an antenna device (2) for transmitting and/or receiving. The antenna device contains a self-stimulating oscillator circuit (L1,C1) that can consist exclusively of an LC oscillator circuit. The hearing aid has a receiver device (3) with a median filter arrangement (34) for noise signal reduction. AN Independent claim is also included for the following: (a) a method of noise signal reduction for hearing aid reception signals.

IPC 8 full level

H04R 25/00 (2006.01); **H03H 17/02** (2006.01)

CPC (source: EP US)

H04R 25/554 (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US); **H04R 2225/51** (2013.01 - EP US); **H04R 2460/03** (2013.01 - EP US)

Cited by

EP1995990A3; US8483416B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1406470 A2 20040407; **EP 1406470 A3 20080709**; **EP 1406470 B1 20100120**; AT E456260 T1 20100215; DE 10245555 A1 20040415; DE 50312352 D1 20100311; DK 1406470 T3 20100525; EP 1995990 A2 20081126; EP 1995990 A3 20140903; US 2004131213 A1 20040708; US 7239713 B2 20070703

DOCDB simple family (application)

EP 03021041 A 20030917; AT 03021041 T 20030917; DE 10245555 A 20020930; DE 50312352 T 20030917; DK 03021041 T 20030917; EP 08016304 A 20030917; US 67566403 A 20030930