

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 1995990 A3 20140903 (DE)**

Application

**EP 08016304 A 20030917**

Priority

- EP 03021041 A 20030917
- 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)

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)

Citation (search report)

- [XAI] WO 0207479 A1 20020124 - GN RESOUND AS [DK], et al
- [X] WO 9641498 A1 19961219 - ANDERSON JAMES C [US]
- [X] WO 0152597 A1 20010719 - ETYMOTIC RES INC [US]
- [L] EP 1406470 B1 20100120 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] US 5871509 A 19990216 - NOREN KJELL [SE]

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

Designated extension state (EPC)

AL LT LV MK

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