

Title (en)

Data transmitting apparatus for wireless data transmission for hearing-aid and corresponding method

Title (de)

Datenübertragungsvorrichtung zur drahtlosen Datenübertragung für Hörgeräte und entsprechendes Verfahren

Title (fr)

Dispositif de transmission de données pour la transmission de données sans fil pour prothèse auditive et procédé correspondant

Publication

**EP 1689209 A3 20090701 (DE)**

Application

**EP 06100764 A 20060124**

Priority

DE 102005005603 A 20050207

Abstract (en)

[origin: EP1689209A2] The device has a mixer (M) mixing high frequency, modulated signals with a reference signal, so that a modulated output signal is generated, where the output signal has a carrier frequency that is smaller around an order of magnitude for inductive transmission. A filter (F2), a power amplifier (LV) and a transmitting inductor (S) are provided for the inductive transmission of the output signals to a hearing device. An independent claim is also included for a method for data transmission to a hearing device.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/353** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US)

Citation (search report)

- [X] FR 985256 A 19510717
- [DY] DE 10015421 A1 20011025 - IMPLEX HEAR TECH AG [DE]
- [Y] JP S5550750 A 19800412 - HITACHI LTD
- [A] DE 2030691 A1 19701223
- [DA] KAMMEYER, KARL-DIRK: "NACHRICHTENÜBERTRAGUNG", 1996, TEUBNER, STUTTGART, ISBN: 3-519-06142-2, XP002457123

Cited by

EP1908329A2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1689209 A2 20060809; EP 1689209 A3 20090701**; DE 102005005603 A1 20060817; US 2006177081 A1 20060810

DOCDB simple family (application)

**EP 06100764 A 20060124**; DE 102005005603 A 20050207; US 34339306 A 20060131