

Title (en)

Device for transmitting and receiving data for remote controlling hearing aids

Title (de)

Vorrichtung zum Senden und Empfangen von Daten für Fernbedienungen von Hörgeräten

Title (fr)

Dispositif pour la transmission et la réception de données pour commander à distance les prothèses auditives.

Publication

EP 1445983 A3 20100310 (DE)

Application

EP 04000633 A 20040114

Priority

DE 10304479 A 20030204

Abstract (en)

[origin: EP1445983A2] The data transmission and reception device has a transmission stage with a transmission coil (2) for transmission of data and a reception stage with a reception coil (4) for reception of data, the transmission and reception coils wound around a common core (3), so that the reception coil is energized by transmission of data by the transmission coil. The reception coil is separated from a receiver (9) by a protection circuit with a capacitor (6) in series with 2 anti-parallel diodes (7,8).

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H01Q 1/273 (2013.01 - EP US); **H01Q 7/06** (2013.01 - EP US); **H01Q 7/08** (2013.01 - EP US); **H01Q 11/08** (2013.01 - EP US); **H04R 25/558** (2013.01 - EP US); **H04R 2225/51** (2013.01 - EP US)

Citation (search report)

- [X] GB 1347808 A 19740227 - CHARBONNAGES DE FRANCE
- [XA] US 5084699 A 19920128 - DEMICHELE GLENN A [US]
- [A] DE 20114461 U1 20011031 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]

Cited by

EP1480492A3

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 1445983 A2 20040811; **EP 1445983 A3 20100310**; CN 100592646 C 20100224; CN 1527489 A 20040908; DE 10304479 B3 20040722; JP 2004242302 A 20040826; JP 4272553 B2 20090603; US 2004235427 A1 20041125; US 7366316 B2 20080429

DOCDB simple family (application)

EP 04000633 A 20040114; CN 200410003255 A 20040203; DE 10304479 A 20030204; JP 2004025021 A 20040202; US 77189304 A 20040204