

Title (en)

Assembly and method for wireless data transmission between hearing aids

Title (de)

Anordnung und Verfahren zur drahtlosen Datenübertragung zwischen Hörgeräten

Title (fr)

Agencement et procédé de transmission sans fils de données entre appareils auditifs

Publication

**EP 2249584 A3 20121219 (DE)**

Application

**EP 10156064 A 20100310**

Priority

- DE 102009019842 A 20090504
- US 17510009 P 20090504

Abstract (en)

[origin: US2010278367A1] A configuration and an associated method for the wireless transmission of data between hearing devices include an external unit which generates and emits a carrier signal, a first hearing device with a first transponder which modulates and back-scatters the carrier signal and a second hearing device with a second transponder which receives the carrier signal that is scattered backwards and forwards and modulated by the first transponder. The external unit is, for instance, a hearing device remote control. Advantageously, little or no additional energy is needed in the hearing device for the wireless data transmission. The energy for the supply of the first transponder is delivered by the carrier signal of the external unit.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/554** (2013.01 - EP US); **H04R 25/558** (2013.01 - EP US)

Citation (search report)

- [X] WO 2007012790 A1 20070201 - CHIZARI ABOLGHASEM [GB]
- [A] US 2007274550 A1 20071129 - BAECHLER HERBERT [CH], et al
- [A] DE 102007039415 A1 20090305 - KELLER AXEL [DE]
- [A] EP 1933592 A1 20080618 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] EP 1883273 A1 20080130 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**DE 102009019842 B3 20101007**; CN 101895510 A 20101124; CN 101895510 B 20141231; DK 2249584 T3 20140811; EP 2249584 A2 20101110; EP 2249584 A3 20121219; EP 2249584 B1 20140430; US 2010278367 A1 20101104; US 8483417 B2 20130709

DOCDB simple family (application)

**DE 102009019842 A 20090504**; CN 201010170729 A 20100430; DK 10156064 T 20100310; EP 10156064 A 20100310; US 76376610 A 20100420