

Title (en)

Apparatus and method for reducing interferences in a wireless data transmission in hearing aid applications

Title (de)

Vorrichtung und Verfahren zur Verminderung von Störeffekten bei einer drahtlosen Datenübertragung in Hörgeräteapplikationen

Title (fr)

Procédé et dispositif pour réduire des bruits dans des transmissions sans fil de données dans des applications de prothèses auditifs

Publication

EP 2124481 A3 20121024 (DE)

Application

EP 09155631 A 20090319

Priority

DE 102008022126 A 20080505

Abstract (en)

[origin: EP2124481A2] The apparatus has a reducing unit that is arranged in a hearing device so as to reduce the asymmetry of field lines. The induced interference current resulting from asymmetrical interference field input coupling is compensated based on the geometry of a receiving antenna. Independent claims are also included for the following: (1) method for reducing interference effects during wireless data transmission in hearing device; and (2) hearing apparatus.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/554 (2013.01 - EP US); **H04R 2225/49** (2013.01 - EP US); **H04R 2225/51** (2013.01 - EP US)

Citation (search report)

- [XAI] EP 1651006 A2 20060426 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [XAI] DE 19854201 A1 20000621 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [XAI] WO 2005020549 A1 20050303 - OTICON AS [DK], et al
- [A] DE 8708892 U1 19881027
- [AD] DE 102006049471 A1 20080424 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]

Cited by

DE102013210689B3; EP2214423A3; US9521494B2

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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2124481 A2 20091125; EP 2124481 A3 20121024; EP 2124481 B1 20131030; DK 2124481 T3 20131216; US 2009274328 A1 20091105

DOCDB simple family (application)

EP 09155631 A 20090319; DK 09155631 T 20090319; US 43493109 A 20090504