

Title (en)

Transmission coil system and remote control for a hearing aid

Title (de)

Sendespulensystem und Fernbedienung für ein Hörhilfsgerät

Title (fr)

Système de bobine de transmission et télécommande pour une prothèse auditive

Publication

EP 1480492 A3 20070919 (DE)

Application

EP 04009708 A 20040423

Priority

DE 10323219 A 20030522

Abstract (en)

[origin: EP1480492A2] The transmission coil system has first and second transmission coils (3,5) and a coil core (7). The first coil (3) can be connected to a stimulation unit. The second coil (5) can be used as part of a resonant stimulatable circuit and both transmission coils are wound next to each other on the core so that both coils are loosely magnetically coupled to each other. An independent claim is also included for the following:
(a) a remote controller for a hearing aid.

IPC 8 full level

H04R 25/00 (2006.01); **H01F 19/02** (2006.01); **H03B 1/00** (2006.01); **H03H 7/46** (2006.01); **H04B 1/04** (2006.01); **H01F 21/12** (2006.01); **H01F 30/06** (2006.01)

CPC (source: EP US)

H04R 19/02 (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H01F 21/12** (2013.01 - EP US); **H01F 30/06** (2013.01 - EP US); **H04R 25/558** (2013.01 - EP US); **H04R 2225/51** (2013.01 - EP US)

Citation (search report)

- [E] EP 1445983 A2 20040811 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] GB 1559611 A 19800123 - TELEX COMMUNICATIONS
- [A] US 5795287 A 19980818 - BALL GEOFFREY R [US], et al
- [A] GB 2292278 A 19960214 - ELECTRONIC KADDY CORP [CA], et al
- [DA] DE 4326358 C1 19941124 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] BEMMA N: "BALANCED MEISSNER OSCILLATOR CIRCUITS", RF DESIGN, PRIMEDIA BUSINESS MAGAZINES & MEDIA, OVERLAND PARK, KS, US, vol. 16, no. 13, 1 December 1993 (1993-12-01), pages 72 - 74, XP000430097, ISSN: 0163-321X

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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 PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1480492 A2 20041124; EP 1480492 A3 20070919; EP 1480492 B1 20100929; AT E483331 T1 20101015; AU 2004202225 A1 20041209; AU 2004202225 B2 20090423; DE 10323219 B3 20041209; DE 502004011693 D1 20101111; DK 1480492 T3 20110131; US 2005036638 A1 20050217; US 7277553 B2 20071002

DOCDB simple family (application)

EP 04009708 A 20040423; AT 04009708 T 20040423; AU 2004202225 A 20040524; DE 10323219 A 20030522; DE 502004011693 T 20040423; DK 04009708 T 20040423; US 85193504 A 20040521