

Title (en)

Transfer device for a hearing aid with film conductor shielding and shielded coil

Title (de)

Übertragungseinrichtung für eine Hörvorrichtung mit Folienleiterschirmung und eigengeschirmte Spule

Title (fr)

Dispositif de transmission pour un dispositif auditif doté d'un blindage à conducteur plat et d'une bobine auto-blindée

Publication

EP 2034770 A3 20090318 (DE)

Application

EP 08105128 A 20080826

Priority

DE 102007042592 A 20070907

Abstract (en)

[origin: EP2034770A2] The device has a resonant circuit including a primary capacitor with an antenna coil (10), and an electrical conductor provided in the resonant circuit. The electrical conductor includes a shielding and a film conductor (13) that is provided with a signal line (14) and a shielding wire (15). A shielding capacitance of the shielding wire is connected parallel to the capacitor. The shielding capacitance together with capacitance of the capacitor is selectively utilized as resonant circuit capacitance. The signal line and the shielding wire are short-circuited at an end of the conductor.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H01Q 1/273 (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 1/10** (2013.01 - EP US); **H04R 2225/49** (2013.01 - EP US); **H04R 2225/51** (2013.01 - EP US); **H04R 2420/07** (2013.01 - EP US)

Citation (search report)

- [Y] US 2006269088 A1 20061130 - JULSTROM STEPHEN D [US], et al
- [Y] US 4926007 A 19900515 - AUFDERHEIDE BRIAN E [US], et al
- [Y] US 2006049995 A1 20060309 - IMAOKA TOSHIKAZU [JP], et al

Cited by

CN111193979A; CN111434125A; US11612740B2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2034770 A2 20090311; **EP 2034770 A3 20090318**; **EP 2034770 B1 20120229**; AT E547902 T1 20120315; DE 102007042592 A1 20090326; DK 2034770 T3 20120618; US 2009067649 A1 20090312; US 8379898 B2 20130219

DOCDB simple family (application)

EP 08105128 A 20080826; AT 08105128 T 20080826; DE 102007042592 A 20070907; DK 08105128 T 20080826; US 23166508 A 20080904