

Title (en)

Transducer arrangement for partially or completely implanted hearing -aid

Title (de)

Wandleranordnung für teil- oder vollimplantierbare Hörgeräte

Title (fr)

Dispositif transducteur pour prothèse auditive partiellement ou totalement implantée

Publication

EP 0984663 A3 20060517 (DE)

Application

EP 98121495 A 19981112

Priority

DE 19840212 A 19980903

Abstract (en)

[origin: EP0984663A2] The transducer arrangement has an electromechanical transducer (30,32) in the form of an electromagnet arrangement. This has a fixed part (32) relative to the housing (14) and a vibrating part (30) connected to a coupling element (20), so that the vibrations are transferred to the coupling element.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/606 (2013.01 - EP US); **H04R 25/558** (2013.01 - EP US); **H04R 2225/67** (2013.01 - EP US)

Citation (search report)

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- [AD] EP 0499940 A1 19920826 - IMPLEX GMBH [DE]
- [A] EP 0520153 A1 19921230 - AMERICAN CYANAMID CO [US]
- [A] GB 392625 A 19330525 - ANTON VON SUCHORZYNSKI
- [AD] FREDRICKSON J M ET AL: "ONGOING INVESTIGATIONS INTO AN IMPLANTABLE ELECTROMAGNETIC HEARING AID FOR MODERATE TO SEVERE SENSORINEURAL HEARING LOSS", February 1995, OTOLARYNGOLOGIC CLINICS OF NORTH AMERICA, W.B. SAUNDERS, PHILADELPHIA, US, PAGE(S) 107-120, ISSN: 0030-6665, XP009048236

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EP 98121495 A 19981112; AU 2250899 A 19990330; CA 2274211 A 19990611; DE 19840212 A 19980903; DE 59814473 T 19981112; DK 98121495 T 19981112; US 27587299 A 19990325