

Title (en)

Electronic module for implantable hearing aid

Title (de)

Elektronikmodul für ein implantierbares Hörgerät

Title (fr)

Module électronique pour une prothèse auditive implantable

Publication

EP 1596629 A2 20051116 (EN)

Application

EP 05016178 A 19970523

Priority

- EP 97924795 A 19970523
- US 1829996 P 19960524

Abstract (en)

A sealed, implantable electronics module adapted for inclusion in an implantable hearing aid system, the electronics module comprising: a microphone; an amplifier for receiving an input signal from said microphone, and for providing an output signal to a microactuator also included in the implantable hearing aid system; a energy storage device for powering operation of the implantable hearing aid system; a housing for receiving and hermetically enclosing said microphone, said amplifier and said energy storage device; and an electrical connector coupled to said amplifier for providing the output signal to the microactuator of the implantable hearing aid system.

IPC 1-7

H04R 25/00; H04R 19/01; A61F 11/04; A61N 1/36

IPC 8 full level

H04R 25/00 (2006.01); **A61F 11/04** (2006.01); **A61N 1/36** (2006.01); **H04R 19/01** (2006.01)

CPC (source: EP US)

H04R 19/016 (2013.01 - EP); **H04R 25/405** (2013.01 - EP); **H04R 25/606** (2013.01 - EP US); **H04R 25/603** (2019.04 - EP US); **H04R 2225/61** (2013.01 - EP US); **H04R 2225/67** (2013.01 - EP)

Cited by

US2021297795A1; US8078285B2; WO2009121049A1; US11904167B2

Designated contracting state (EPC)

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