

Title (en)

Wireless programmable hearing aid

Title (de)

Drahtlos programmierbares Hörhilfsgerät

Title (fr)

Prothèse auditive programmable sans fils

Publication

EP 1389035 A2 20040211 (DE)

Application

EP 03017093 A 20030728

Priority

DE 10236469 A 20020808

Abstract (en)

The hearing aid (18) has a chip and a coil for exchange of electromagnetic signals with an external transceiver, coupled to a device for programming the hearing aid signal processing stage (25), provided as a coil structure (29) integrated in the chip. The coil structure can act as part of an energy supply system for the hearing aid, e.g. for providing the energy for programming the signal processing stage.

Abstract (de)

Ein Hörhilfsgerät (18), das beispielsweise drahtlos von einer externen Sende- und/oder Empfangseinheit (7) programmiert werden kann, umfasst einen Chip (31), in den eine Spule in Form einer Spulenstruktur (29) zum Austausch von elektromagnetischen Signalen integriert ist. Der Vorteil der Erfindung liegt im stark verringerten Raumbedarf durch die Integration beispielsweise der als Antenne genutzten Spulenstruktur (29).

IPC 1-7

H04R 25/00

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H01Q 1/273 (2013.01 - EP US); **H01Q 7/00** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 2225/51** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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