

Title (en)  
PARTLY IMPLANTED HEARING AID

Title (de)  
TEILPLANTIERBARES HÖRHILFEGERÄT

Title (fr)  
DISPOSITIF D'AIDE AUDITIVE PARTIELLEMENT IMPLANTE

Publication  
**EP 1522208 B1 20100901 (FR)**

Application  
**EP 03760752 A 20030619**

Priority  
• FR 0301889 W 20030619  
• FR 0207738 A 20020621

Abstract (en)  
[origin: US7266208B2] The invention concerns a hearing aid comprising: an outer housing ( 1 ) containing a signal processing module ( 11 ) connected in input to at least a microphone ( 13 ) and in output to an earphone for transmitting a sound signal into the patient's external auditory canal ( 5 ); at least one first magnetic component ( 12 ) arranged in the outer housing ( 1 ); at least one second magnetic component ( 21 ) arranged in an implantable housing designed to be implanted under the patient's skin, at a site where the outer housing ( 1 ) can be maintained, the first magnetic component being arranged in the outer housing such that a magnetic attraction force is exerted with the second magnetic component when the outer housing ( 1 ) is placed at said site; and a device for delivering sound signals into the patient's external auditory canal comprising the earphone and a connection ( 4 ) between the outer housing ( 1 ) and the auditory canal.

IPC 8 full level  
**H04R 25/00** (2006.01)

CPC (source: EP US)  
**H04R 25/606** (2013.01 - EP US); **H04R 2225/67** (2013.01 - EP US)

Citation (examination)  
• US 5015224 A 19910514 - MANIGLIA ANTHONY J [US]  
• EP 1011295 A2 20000621 - IMPLEX HEAR TECH AG [DE]

Cited by  
US9584928B2; EP2919483A1

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