

Title (en)  
In-the-ear hearing aid with electronic module

Title (de)  
In-dem-Ohr-Hörgerät mit Elektronikmodul

Title (fr)  
Prothèse auditive à porter dans l'oreille avec module électronique

Publication  
**EP 1758427 A3 20081008 (DE)**

Application  
**EP 06118187 A 20060731**

Priority  
DE 102005040542 A 20050826

Abstract (en)  
[origin: EP1758427A2] The hearing aid has a shell that is inserted into an auditory canal, and a flexible skeleton (2), where the shell is manufactured through a rapid shell manufacturing-technology. Electronic components e.g. earpiece (3), signal processing circuit (4), battery (6) and telephone coil, are fastened to the skeleton. The skeleton with the electronic components forms a module that is removed as a whole from the shell and/or installed in the shell.

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

CPC (source: EP US)  
**H04R 25/652** (2013.01 - EP US); **H04R 25/658** (2013.01 - EP US); **H04R 2225/025** (2013.01 - EP US)

Citation (search report)

- [XY] WO 9325053 A1 19931209 - BAUSCH & LOMB [US]
- [YA] WO 2004082332 A1 20040923 - SIEMENS HEARING INSTR INC [US], et al
- [A] US 4739512 A 19880419 - HARTL CHRISTOF [DE], et al
- [DA] EP 0629101 A1 19941214 - ASCOM AUDIOSYS AG [CH]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1758427 A2 20070228; EP 1758427 A3 20081008; EP 1758427 B1 20120229**; AT E547900 T1 20120315; DE 102005040542 B3 20070412; DK 1758427 T3 20120625; US 2007047750 A1 20070301; US 7844066 B2 20101130

DOCDB simple family (application)  
**EP 06118187 A 20060731**; AT 06118187 T 20060731; DE 102005040542 A 20050826; DK 06118187 T 20060731; US 50921106 A 20060824