

Title (en)
HEARING AID WITH A FLEXIBLE CARRIER ANTENNA AND RELATED METHOD

Title (de)
HÖRGERÄT MIT EINER FLEXIBLEN TRÄGERANTENNE UND ZUGEHÖRIGES VERFAHREN

Title (fr)
PROTHÈSE AUDITIVE AVEC UNE ANTENNE DE SUPPORT FLEXIBLE ET PROCÉDÉ ASSOCIÉ

Publication
EP 3177039 A1 20170607 (EN)

Application
EP 15197184 A 20151201

Priority
EP 15197184 A 20151201

Abstract (en)
A hearing aid is disclosed, the hearing aid comprising an electrical assembly comprising a printed circuit board having a first board surface and a second board surface, the printed circuit board having a first pad in a first pad region on the first board surface, the first pad region having a first board normal. The electrical assembly comprises a flexible printed circuit board comprising an antenna having a first terminal in a first terminal region on a first flexfilm surface of the flexible printed circuit board, the first terminal region having a first terminal normal, wherein the electrical assembly comprises first electrically conductive material connecting the first pad and the first terminal, and wherein the first terminal normal and the first board normal forms a first angle in the range from 30° to 150°. Further, a method for manufacturing an electrical assembly for a hearing aid is disclosed.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP)
H04R 25/554 (2013.01); **H04R 25/609** (2019.04); **H04R 2225/51** (2013.01)

Citation (search report)
• [I] WO 2015127972 A1 20150903 - SONOVA AG [CH]
• [I] EP 2849282 A1 20150318 - STARKEY LAB INC [US]
• [I] EP 2229009 A1 20100915 - OTICON AS [DK]
• [I] EP 1681903 A2 20060719 - PHONAK AG [CH]
• [A] EP 2680366 A1 20140101 - GN RESOUND AS [DK]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3177039 A1 20170607; EP 3177039 B1 20210929; DK 3177039 T3 20211213; EP 3902290 A1 20211027

DOCDB simple family (application)
EP 15197184 A 20151201; DK 15197184 T 20151201; EP 21179286 A 20151201