

Title (en)

OTOPLASTIC FOR BEHIND-THE-EAR HEARING AIDS

Title (de)

OTOPLASTIK FÜR HINTER-DEM-OHR (HDO)-HÖRGERÄTE

Title (fr)

ELEMENT OTOPLASTIQUE POUR APPAREILS AUDITIFS DE TYPE CONTOUR D'OREILLE

Publication

EP 1224839 B1 20040324 (DE)

Application

EP 00969502 A 20001013

Priority

- DE 29918139 U 19991014
- DE 20009908 U 20000602
- EP 0010109 W 20001013

Abstract (en)

[origin: WO0128289A1] The invention relates to an otoplastic for production of behind-the-ear hearing aids. Said hearing aid comprises a preferably flexible signal conductor, such as e.g. an acoustic tube (28) which can be positioned in the auditory canal, whereby the otoplastic matches the individual anatomy of the patient and its locating part is essentially in the form of a clip, which, at least partly arched, follows the outer edge (36) of the cavum conchae (22). A branch (32) which follows the edge of the cavum conchae transforms, above the antitragus(30), into a bent crosspiece (34) which traverses the cavum conchae and runs in the direction of the porus acusticus externus. The end section (40) of said crosspiece (34) lies in the upper section of the auditory canal (26) and widens to accept the signal conductor (42).

IPC 1-7

H04R 25/00

IPC 8 full level

H04R 25/02 (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP US)

H04R 25/652 (2013.01 - EP US); **H04R 25/607** (2019.04 - EP US); **H04R 25/658** (2013.01 - EP US); **H04R 2460/09** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0128289 A1 20010419; AT E262769 T1 20040415; AT E372657 T1 20070915; DE 10050766 A1 20010503; DE 50014635 D1 20071018; DK 1224839 T3 20040517; EP 1224839 A1 20020724; EP 1224839 B1 20040324; JP 2003511940 A 20030325; JP 2007082256 A 20070329

DOCDB simple family (application)

EP 0010109 W 20001013; AT 00969502 T 20001013; AT 03007811 T 20001013; DE 10050766 A 20001013; DE 50014635 T 20001013; DK 00969502 T 20001013; EP 00969502 A 20001013; JP 2001529704 A 20001013; JP 2006304273 A 20061109