

Title (en)

Method and device for manufacturing a housing shell for an in-the-ear hearing aid, and a housing shell produced according to this method.

Title (de)

Verfahren und Vorrichtung zur Herstellung einer Gehäuseschale eines In-dem-Ohr-Hörgerätes sowie nach dem Verfahren hergestellte Gehäuseschale.

Title (fr)

Procédé et dispositif pour la fabrication d'une coque de boîtier d'une prothèse auditive intra-auriculaire et boîtier obtenu selon ce procédé.

Publication

EP 0410034 B1 19950315 (DE)

Application

EP 89113792 A 19890726

Priority

EP 89113792 A 19890726

Abstract (en)

[origin: US5146051A] A positive ear mold is processed to the desired size, equipped with a core in the proximal region, dipped in wax and placed in a container in which casting material for a negative form is filled. After the ear mold has been taken out and the core has been removed, a flexible sliver is drawn into the negative form. The sliver is laid out along the inner wall of the negative form prior to casting, and subsequently, the material for the housing shell is filled into the negative form. After a brief polymerization time, the excess material is emptied out and after it has hardened, the housing shell is removed from the negative form. By pulling a sliver insert out of the channel molded in the housing shell, one obtains a housing shell having a vent molded therein.

IPC 1-7

H04R 25/02

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); **Y10S 264/30** (2013.01 - EP US)

Cited by

EP1427251A3; US10623874B2; US11591431B2; WO2016059029A1; EP1287721B2

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

US 5146051 A 19920908; AT E120065 T1 19950415; CA 2021879 A1 19910127; DE 58909119 D1 19950420; EP 0410034 A1 19910130; EP 0410034 B1 19950315

DOCDB simple family (application)

US 55252590 A 19900716; AT 89113792 T 19890726; CA 2021879 A 19900724; DE 58909119 T 19890726; EP 89113792 A 19890726