

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: EP0410034A1] A positive ear impression (1) is machined to the intended size, fitted in the proximal region with a core (4), immersed in wax and fitted into a receptacle, which is then filled with the casting compound (8) for the negative mould. After taking out the ear impression (1) and removing the core (4), a flexible strand (11) is drawn into the negative mould (5). The strand (11) is laid along the inside wall of the negative mould and then the housing shell material is filled into the negative mould. After a short polymerisation time, excess material is drained and, after curing, the housing shell (18) is taken out of the negative mould (5). By drawing a strand insert (12, 13) out of the channel (19) moulded into the housing shell (18) and after removing protruding sprue pieces, the housing shell with a venting channel moulded in it is obtained. <IMAGE>

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; US11591431B2; US10623874B2; 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