

Title (en)

Ear-plug device, method for manufacturing the same and its use

Title (de)

Ohrenstöpsel, Verfahren zu seiner Herstellung und seine Verwendung

Title (fr)

Bouchon d'oreille, procédé de fabrication et utilisation

Publication

EP 1595515 A1 20051116 (EN)

Application

EP 04011108 A 20040510

Priority

EP 04011108 A 20040510

Abstract (en)

The application relates to an ear-plug device for being worn at least in part in the ear canal (10) of a person, comprising a hollow rigid hard shell (14) made of a first material and a resilient soft suspension portion (16) fixed to the hard shell and made of a second material less rigid than the first material, said hard shell having an outer surface (38) individually shaped according to the specific shape of the person's ear canal, said soft suspension portion being adapted to receive an electro-acoustic output transducer (30) in a detachable manner within an outer opening (32) of said soft suspension portion, with said soft suspension portion being at least partly surrounded by said hard shell. <IMAGE>

IPC 1-7

A61F 11/08; H04R 1/10

IPC 8 full level

A61F 11/08 (2006.01); **A61M 16/00** (2006.01); **H04R 1/10** (2006.01)

CPC (source: EP)

H04R 1/1058 (2013.01); **H04R 1/1016** (2013.01)

Citation (search report)

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