

Title (en)

Protection device for in and out sound apertures of housings or earpieces of hearing aids

Title (de)

Schutzvorrichtung für die Schallein- und/oder Schallaustrittsöffnung an Gehäusen oder Ohrpassstücken von Hörhilfegeräten

Title (fr)

Dispositif de protection pour les ouvertures d'entrée et/ou sortie du son dans les boîtiers ou les embouts auriculaires des prothèses auditives

Publication

EP 0835042 A2 19980408 (DE)

Application

EP 97116300 A 19970918

Priority

DE 19640796 A 19961002

Abstract (en)

The protective device includes a membrane which covers an aperture in a casing or ear piece of a hearing aid, which is provided for an entry or output of sound. A closed, thin-walled membrane (10) of a same wall thickness is provided, which consists of an inert material suitable for sound transmission. The membrane is preferably a thin titanium membrane with a wall thickness of 0.01 mm. The membrane may be arranged in a cap, a sheath, or a ring, and may have a concave, convex or flat form. The membrane preferably includes a surface engraving, formed of concentric rings or a spiral.

Abstract (de)

Bei einer solchen geschlossen ausgeführten Vorrichtung ist eine geschlossene, homogene und dünnwandige Membran (10) vorgesehen, die aus einem inerten und zur Schallübertragung geeigneten Material besteht. <IMAGE>

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CPC (source: EP)

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Cited by

EP1718112A1; EP1635730A4; EP1349423A3; US2011299712A1; US2019083319A1; US11285046B2; EP4329334A1; US7751579B2; US6879696B1; WO0048443A3; US8873783B2; US9204229B2; US9132270B2; US9973867B2; US7773764B2; WO2016062324A1; US6349790B1; US11330382B2; WO0060903A3; WO2020070542A1

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