

Title (en)

A suspension for a hearing device receiver, and a method of producing a hearing device, and a hearing device

Title (de)

Aufhängung für einen Hörgerätempfänger, Verfahren zur Herstellung eines Hörgeräts und Hörgerät

Title (fr)

Suspension pour récepteur de dispositif auditif, et procédé de production d'un dispositif auditif et dispositif auditif

Publication

EP 2453674 A1 20120516 (EN)

Application

EP 10190874 A 20101111

Priority

EP 10190874 A 20101111

Abstract (en)

Title: A suspension for a hearing device receiver and a method of producing a hearing device and a hearing device. The present invention relates to a suspension for a hearing device receiver comprising a first part and a second part and a vibration isolator positioned between the first and the second parts and mechanically coupled to the first and second parts; wherein the first part is adapted to at least partly enclose the receiver; and the second part is adapted to at least partly enclose a sound outlet of the hearing device; and wherein the vibration isolator 150) comprises an acoustic passage and a damping part enclosing said acoustic passage; and wherein the acoustic passage part provides an acoustic passages between the first and second parts; and wherein the damping part of the vibration isolator is asymmetrical along a longitudinal and/or a transverse axis of the vibration isolator; and wherein the vibration isolator is freely suspended between the first and second parts. Thereby, the suspension is able to disperse vibration energy away from the housing.

IPC 8 full level

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Citation (search report)

- [X] WO 2004008803 A1 20040122 - OTICON AS [DK], et al
- [X] WO 2007011421 A1 20070125 - KNOWLES ELECTRONICS LLC [US], et al
- [A] WO 0143498 A1 20010614 - SONIC INNOVATIONS INC [US]
- [A] WO 2005055653 A2 20050616 - OTICON AS [DK], et al

Designated contracting state (EPC)

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