

Title (en)

Hearing device partially insertable into an ear canal

Title (de)

In einen Ohrkanal teilweise einführbares Hörgerät

Title (fr)

Prothèse auditive partiellement insérable dans le conduit auditif

Publication

EP 1653776 A3 20060705 (EN)

Application

EP 05025873 A 20051128

Priority

EP 05025873 A 20051128

Abstract (en)

[origin: EP1653776A2] The hearing device (1) comprises an insertable part (16), which is to be inserted into an ear canal of a user of the hearing device (1). The insertable part (16) may be identical with the hearing device (1) itself, and the insertable part (16) comprises a casing, which casing comprises a deformable part (2). The hearing device (1) comprises means for changing a cross-sectional area (20) of the deformable part (2), which change in the cross-sectional area (20) is reversible. The means for changing a cross-sectional area (20) of the deformable part (2) may comprise at least one deformable volume (5) containing a fixed amount of a filler (4). The means can be a means for changing the cross-sectional area (20) of the deformable part (2) through changing the axial extension of the deformable part (2). The means can be a volume capacity change means for changing the cross-sectional area (20) of the deformable part (2) through changing the capacity of a variable volume arranged within the hearing device (1), the deformable part (2) being arranged on the outside of the variable volume.

IPC 8 full level

H04R 25/02 (2006.01)

CPC (source: EP US)

H04R 25/652 (2013.01 - EP US); **H04R 25/656** (2013.01 - EP); **H04R 25/658** (2013.01 - EP US); **H04R 1/1016** (2013.01 - EP); **H04R 25/602** (2013.01 - EP); **H04R 25/65** (2013.01 - EP); **H04R 2225/025** (2013.01 - EP)

Citation (search report)

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