

Title (en)

Universal auditory canal insert for hearing aid

Title (de)

Universeller Gehörgangeinsatz für Hörhilfegeräte

Title (fr)

Insert universel dans le conduit auditif pour prothèses auditives

Publication

EP 1521498 A3 20070919 (DE)

Application

EP 04023199 A 20040929

Priority

DE 10345504 A 20030930

Abstract (en)

[origin: DE10345504B3] The ear plug (10) is made of a soft elastic material and has a cylindrical section (11), with a diameter of between 4 and 7 mm, fitted into the auditory canal (21) so that is a loose fit, for receiving the narrow end of the hearing aid (15) and a dished or funnel-shaped second section (12), fitting around the outside of the auditory canal. An independent claim for an in-ear hearing aid with a universal ear plug is also included.

IPC 8 full level

H04R 25/00 (2006.01); **H04R 1/10** (2006.01); **H04R 25/02** (2006.01)

CPC (source: EP US)

H04R 25/652 (2013.01 - EP US); **H04R 25/656** (2013.01 - EP US); **H04R 1/1016** (2013.01 - EP); **H04R 25/60** (2013.01 - EP US); **H04R 25/654** (2013.01 - EP); **H04R 2225/025** (2013.01 - EP); **H04R 2460/11** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

DE 10345504 B3 20050203; EP 1521498 A2 20050406; EP 1521498 A3 20070919

DOCDB simple family (application)

DE 10345504 A 20030930; EP 04023199 A 20040929