

Title (en)
ANTIHELIX-CONFORMING EAR-MOUNT FOR PERSONAL AUDIO-SET

Title (de)
SICH ANTIHELIX-FÖRMIG ANPASSENDE OHRANBRINGUNG FÜR EINEN INDIVIDUELLEN AUDIOAPPARAT

Title (fr)
ECOUTEUR S'ADAPTANT A L'INTERIEUR DE L'OREILLE POUR APPAREIL AUDIO PORTABLE

Publication
EP 1495654 B1 20120201 (EN)

Application
EP 03743751 A 20030302

Priority

- US 0307290 W 20030302
- US 36149002 P 20020302
- US 16192602 F 20020605
- US 16192202 F 20020605
- US 16192302 F 20020605
- US 16192402 F 20020605
- US 35812003 A 20030203

Abstract (en)
[origin: WO03075608A1] A light weight and comfortable ear mount for a personal audio-set (10) is disclosed. The ear mount conforms with the anti-helix (90) of a wearer's ear thereby operating substantially as a compression spring (12) between the wearer's anti-helix (90) and tragus (96) to operably secure the personal audio-set in place. In a preferred embodiment, the ear mount is substantially kidney-shaped and includes an opening (35) to prevent the total occlusion of the ear canal by the personal audio-set. Alternatively, the ear mount includes a loop of material sized to operably engage the anti-helix of the wearer's ear. The ear mount is preferably reversible to allow it to be placed in either wear's left or right ear.

IPC 8 full level
H04R 1/10 (2006.01); **H04R 1/08** (2006.01)

CPC (source: EP)
H04R 1/083 (2013.01); **H04R 1/105** (2013.01); **H04R 1/1016** (2013.01); **H04R 2201/107** (2013.01)

Cited by
WO2019141208A1; WO2014051416A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03075608 A1 20030912; AT E544300 T1 20120215; AU 2003225731 A1 20030916; EP 1495654 A1 20050112; EP 1495654 A4 20090916; EP 1495654 B1 20120201

DOCDB simple family (application)
US 0307290 W 20030302; AT 03743751 T 20030302; AU 2003225731 A 20030302; EP 03743751 A 20030302