

Title (en)

A HEARING AID FOR PLACEMENT IN A USER'S EAR CANAL WITH A CONTROL BUTTON AND AN INDUCTIVE COIL

Title (de)

HÖRGERÄT ZUM EINSETZEN IN DEN GEHÖRGANG EINES BENUTZERS MIT EINEM STEUERKNOPF UND EINER INDUKTIONSSPULE

Title (fr)

PROTHÈSE AUDITIVE DESTINÉE À ÊTRE PLACÉE DANS LE CANAL AUDITIF D'UN UTILISATEUR AVEC UN BOUTON DE COMMANDE ET UNE BOBINE INDUCTIVE

Publication

EP 3836564 A1 20210616 (EN)

Application

EP 20164061 A 20200318

Priority

US 201962946959 P 20191211

Abstract (en)

The disclosure relates to a hearing aid (10) for placement in a user's ear canal, the hearing aid comprising a shell (20), a faceplate (30) comprising an upper face (31) and a lower face (32) and a circumference, the upper face being exposed when the shell is placed in a user's ear, a battery (40), a coil (50, 54) arranged at the faceplate, a button arrangement (60, 61) comprising a plunger (70) configured for controlling an integrated circuit (80) arranged below the coil, said coil comprising one or more windings, the one or more windings being provided circumferential of an inner cavity (52) of the coil with respect to a center axis of the coil. The button arrangement being configured such that the plunger in at least one position extends through the inner cavity of said coil for engaging said integrated circuit. The plunger being operable through the upper face of the faceplate.

IPC 8 full level

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

CPC (source: EP US)

H04R 25/02 (2013.01 - US); **H04R 25/603** (2019.05 - EP); **H04R 25/656** (2013.01 - US); **H04R 1/1025** (2013.01 - EP); **H04R 1/1041** (2013.01 - EP); **H04R 25/554** (2013.01 - EP); **H04R 25/602** (2013.01 - EP); **H04R 25/609** (2019.05 - EP); **H04R 2225/023** (2013.01 - EP US); **H04R 2225/025** (2013.01 - EP); **H04R 2225/31** (2013.01 - EP); **H04R 2225/55** (2013.01 - EP); **H04R 2225/61** (2013.01 - EP); **H04R 2460/17** (2013.01 - US)

Citation (search report)

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Designated contracting state (EPC)

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