

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 September 2004 (16.09.2004)

PCT

(10) International Publication Number
WO 2004/080123 A1

(51) International Patent Classification⁷: **H04R 25/00**

(21) International Application Number:

PCT/DK2003/000141

(22) International Filing Date: 6 March 2003 (06.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **WIDEX A/S** [DK/DK]; Ny Vestergaardsvej 25, DK-3500 Varlose (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TOPHOLM, Jan** [DK/DK]; Paradisvænget 17, DK-2840 Holte (DK). **NIELSEN, Morten, Bent** [DK/DK]; Munksensvej 6, 3. tv, DK-2000 Frederiksberg (DK).

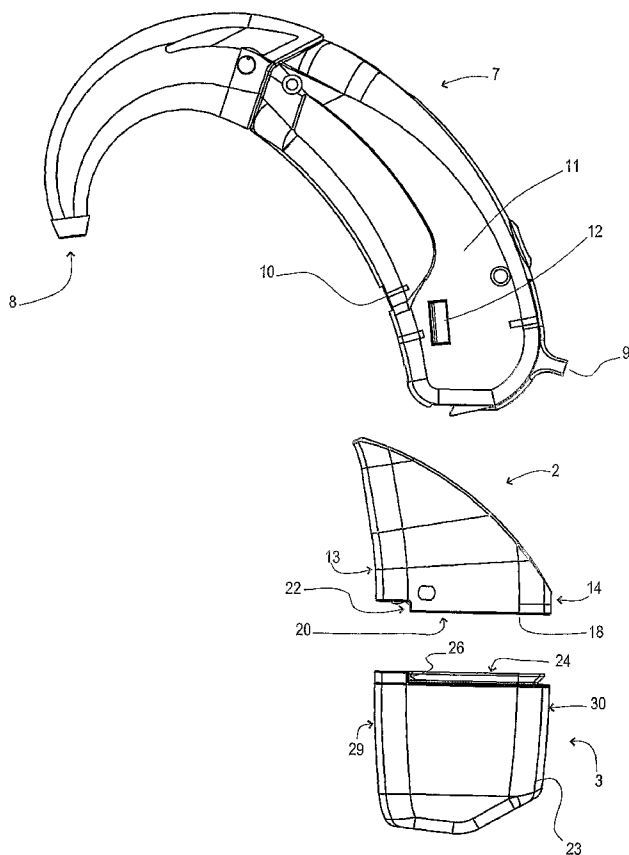
(74) Agent: **RINDORF, Hans Jorgen**; Widex A/S, Ny Vestergaardsvej 25, DK-3500 Varlose (DK).

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD OF CONNECTING AN ACCESSORY TO A HEARING AID AND THE COMBINATION OF AN ADAPTER AND AN ACCESSORY



(57) Abstract: A combination unit for attachment to a hearing aid comprises an adapter and an accessory, having mating guideways, respective assembly pressure faces (14, 29) adjacent the guideways and respective disassembly pressure faces (13, 30), also adjacent the guideways. The adapter (2) comprises a shoe, i.e. a sleeve-like structure, adapted to partially enclose the lower portion of the hearing aid. The accessory (3) may comprise a miniature FM receiver. The receiver housing (22) exterior is tailored to match the adapter exterior in order that the respective walls are flush when the parts are assembled. The combination unit (1) of the adapter and the accessory is easily assembled and easily disassembled, and is very compact. The invention provides a combination unit, including the shoe and the accessory, as well as a method for attaching an accessory to a hearing aid.

WO 2004/080123 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.