

Title (en)

Hearing aid using wireless test modes as diagnostic tool

Title (de)

Hörhilfe mit drahtlosen Prüfmodalitäten als Diagnosewerkzeug

Title (fr)

Prothèse auditive à l'aide de modes d'essai sans fil comme outil de diagnostic

Publication

EP 2779700 A1 20140917 (EN)

Application

EP 14159982 A 20140314

Priority

US 201313843725 A 20130315

Abstract (en)

Various system embodiments comprise a plurality of devices configured to wirelessly communicate with each other. The plurality of devices includes a battery-operated hearing aid configured to communicate with another device using Bluetooth Low Energy (BLE) wireless communication technology. A BLE tester is configured to test the hearing aid for the performance of BLE wireless communication via a wireless link. One embodiment uses a wireless test mode as a diagnostic tool for analyzing the wireless communication environment, such as when the communication with the hearing aid is interfered in a noisy environment.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/30 (2013.01 - EP US); **H04R 25/305** (2013.01 - EP US); **H04R 25/554** (2013.01 - EP US); **H04R 2460/05** (2013.01 - EP US)

Citation (applicant)

- US 2006274747 A1 20061207 - DUCHSCHER ROB [US], et al
- US 95410714 P
- US 2007110193 A1 20070517 - SOLUM JEFFREY P [US]

Citation (search report)

- [IY] WO 2009063097 A2 20090522 - PHONAK AG [CH], et al
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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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