Title (en)
Hearing aid with adaptive antenna system

Title (de)
Hörgerät mit adaptivem Antennensystem

Title (fr)
Appareil d'aide auditive doté d'un système d'antenne adaptative

Publication
EP 2871859 B1 20180718 (EN)

Application
EP 13192315 A 20131111

Priority
EP 13192315 A 20131111

Abstract (en)
[origin: EP2871859A1] A hearing aid and a method for operating a hearing aid is disclosed. The hearing aid comprises a signal processor for processing one or more audio signals to compensate a hearing loss of a user of the hearing aid; a wireless communications unit connected to the signal processor for wireless data communication; and an antenna system with a data terminal and at least one control terminal, wherein the data terminal is connected to the wireless communications unit, the antenna system comprising a first antenna and one or more antenna feeds including a first antenna feed. Further, the antenna system comprises an antenna configurator for configuring the antenna system to operate in a selected antenna mode selected from a plurality of antenna modes including a first antenna mode and a second antenna mode according to a control signal on the at least one control terminal, wherein the antenna configurator is configured to apply a first antenna configuration to the data terminal when operating in the first antenna mode, and to apply a second antenna configuration to the data terminal when operating in the second antenna mode.

IPC 8 full level
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CPC (source: EP)
H01Q 1/273 (2013.01); **H01Q 21/28** (2013.01); **H04R 25/554** (2013.01); H04R 2225/51 (2013.01)

Cited by
EP3413584A1; EP4156716A1; EP3220663A1; US10735871B2; US10321245B2; US10425749B2; US10667065B2; EP3503588B1

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