

Title (en)
A HEARING AID WITH AN ANTENNA

Title (de)
HÖRGERÄT MIT EINER ANTENNE

Title (fr)
AIDE AUDITIVE COMPORTANT UNE ANTENNE

Publication
EP 3425926 A1 20190109 (EN)

Application
EP 18174773 A 20131111

Priority
• EP 18174773 A 20131111
• EP 13192323 A 20131111

Abstract (en)
A hearing aid having an antenna is provided, the hearing aid being adapted for wireless communication, such as for wireless communication with accessory and/or other hearing aids. The hearing aid comprises a hearing aid assembly having a first side and a second side, a signal processor, and a wireless communications unit. The wireless communications unit is connected to the signal processor. The hearing aid comprises an antenna for emission and reception of an electromagnetic field. The antenna is connected to the wireless communications unit, and the antenna has an excitation point. A first branch of the antenna extends from the excitation point and a second branch of the antenna extends from the excitation point and the antenna has a first resonant frequency and a second resonant frequency.

IPC 8 full level
H04R 25/00 (2006.01); **H01Q 5/00** (2015.01); **H01Q 9/42** (2006.01)

CPC (source: EP)
H01Q 1/273 (2013.01); **H01Q 5/371** (2015.01); **H01Q 9/42** (2013.01); **H04R 25/554** (2013.01); **H04R 2225/51** (2013.01)

Citation (search report)
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• [Y] US 2004246179 A1 20041209 - CHEN I-FONG [TW], et al
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Designated contracting state (EPC)
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EP 2871863 A1 20150513; EP 2871863 B1 20180530; DK 2871863 T3 20180820; EP 3425926 A1 20190109

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EP 13192323 A 20131111; DK 13192323 T 20131111; EP 18174773 A 20131111