

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)  
• [Y] EP 2200120 A2 20100623 - STARKEY LAB INC [US]  
• [Y] US 7446708 B1 20081104 - NGUYEN ANTHONY H [US], et al  
• [Y] US 2004246179 A1 20041209 - CHEN I-FONG [TW], et al  
• [Y] US 2005068234 A1 20050331 - HUNG ZHEN DA [TW], et al  
• [A] US 2006181466 A1 20060817 - KRUPA STEVE [US]  
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Designated contracting state (EPC)  
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