

Title (en)  
Wireless hearing system and method

Title (de)  
Drahtloses Hörhilfesystem und Verfahren

Title (fr)  
Système de prothèse auditive sans fil et méthode

Publication  
**EP 2015603 A1 20090114 (EN)**

Application  
**EP 07110229 A 20070613**

Priority  
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Abstract (en)  
The present invention is concerned a flexible and easily extendible wireless hearing system for transmitting audio information to individual users. According to the invention, a Wireless Local Area Network (WLAN) is used to transmit the audio information, in particular comprising excerpts of human voice or speech signals, from a base station to a hearing device. In other words, both the base station and the hearing device are part of a packet-based data network and as such assigned individual network addresses. Wireless data networks for mobile computing devices being devised for selectively communicating different contents to different participants, hearing systems based there upon hence allow providing audio information on demand to a large number of independent users without having to arrange for dedicated channels in each case. In addition, heavy infrastructural investments are avoided, as WLAN networks already exist in many places or can be created at comparably low costs.

IPC 8 full level  
**H04R 1/10** (2006.01); **H04R 5/033** (2006.01)

CPC (source: EP)  
**H04R 1/10** (2013.01); **H04R 5/033** (2013.01); **H04R 2420/07** (2013.01)

Citation (search report)  
• [X] US 2006166716 A1 20060727 - SESHADRI NAMBIKIRAN [US], et al  
• [X] EP 1335544 A2 20030813 - BROADCOM CORP [US]  
• [X] DE 202005020531 U1 20060614 - AKG ACOUSTICS GMBH [AT]

Cited by  
FR2981782A1; CN104022787A; EP2773134A1; EP2773135A1; WO2013057438A1; US9232296B2; US9538284B2; US9497541B2; US11564047B2; US11902749B2

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