

Title (en)  
BONE CONDUCTION HEARING AID SYSTEM

Title (de)  
KNOCHENLEITENDES HÖRHILFESYSTEM

Title (fr)  
SYSTÈME DE PROTHÈSE AUDITIVE À CONDUCTION OSSEUSE

Publication  
**EP 3216233 B1 20221130 (EN)**

Application  
**EP 15857326 A 20151016**

Priority  
• US 201414535259 A 20141106  
• US 2015056027 W 20151016

Abstract (en)  
[origin: WO2016073167A2] A bone conduction hearing aid system for generating bone conduction vibrations is disclosed. The bone conduction hearing aid system has a hearing aid (101) with a vibrator (102). The hearing aid system includes an interconnection unit (104) to connect the hearing aid (101) to the user. There is a coupling between the interconnection unit (104) and the hearing aid (101) to connect and disconnect the hearing aid (101) to and from the interconnection unit (104). The interconnection unit (104) has a connection portion (105) and contact plate portion (144). The connection portion (105) and the contact plate portion (144) are designed in one integral piece of continuous polymer material. The interconnection unit (104) has a concave or planar adhesive surface that can be adhered to the skin (113) on the head of the user without applying any specific pressure against the skin (113). The sound vibrations are transmitted from the vibrator (102) to the hearing organ as bone conduction sound vibrations.

IPC 8 full level  
**H04R 25/00** (2006.01)

CPC (source: EP)  
**H04R 25/606** (2013.01); **H04R 25/554** (2013.01); **H04R 2225/67** (2013.01); **H04R 2460/13** (2013.01)

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US 2013089229 A1 20130411 - KRISTO STEFAN [SE], et al

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