

Title (en)  
SOUND GENERATING APPARATUS

Title (de)  
SCHALLERZEUGENDE VORRICHTUNG

Title (fr)  
APPAREIL DE GÉNÉRATION DE SON

Publication  
**EP 2847873 A4 20160120 (EN)**

Application  
**EP 13779061 A 20130409**

Priority  

- US 201213449707 A 20120418
- US 201261656595 P 20120607
- FI 2013050386 W 20130409

Abstract (en)  
[origin: WO2013156672A1] An apparatus including an electromagnetic coil and a magnet system. The electromagnetic coil includes electrical leads. The magnet system forms electrical conductors connected to the electrical leads of the coil. The magnet system is configured to provide an electrical interface.

IPC 8 full level  
**H04B 5/06** (2006.01); **H04R 9/02** (2006.01); **H04R 1/06** (2006.01)

CPC (source: EP)  
**H04R 9/025** (2013.01); **H04R 1/06** (2013.01); **H04R 2499/11** (2013.01)

Citation (search report)  

- [XYI] EP 0821540 A2 19980128 - NOKIA TECHNOLOGY GMBH [DE]
- [Y] US 6370257 B1 20020409 - BLEIM PETER [AT], et al
- [X] WO 2008051009 A1 20080502 - EM TECH CO LTD [KR], et al
- See references of WO 2013156672A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013156672 A1 20131024**; EP 2847873 A1 20150318; EP 2847873 A4 20160120; EP 2847873 B1 20210526; KR 101647916 B1 20160811; KR 20140145628 A 20141223

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**FI 2013050386 W 20130409**; EP 13779061 A 20130409; KR 20147032222 A 20130409