

Title (en)  
HEARING AID

Title (de)  
HÖRGERÄT

Title (fr)  
APPAREIL AUDITIF

Publication  
**EP 3101918 A3 20170405 (DE)**

Application  
**EP 16163965 A 20160406**

Priority  
DE 102015208846 A 20150513

Abstract (en)  
[origin: US2016337764A1] A hearing device has a microphone for detecting an acoustic signal from the environment of the hearing device, and a housing in which the microphone is arranged. The housing is formed with a microphone opening through which the microphone communicates with the environment of the hearing device for detecting the acoustic signal. The hearing device further has a damping element, by way of which the microphone is supported against the housing. Moreover, the hearing device has a barrier element for sealing the microphone opening against moisture in a sound-transmitting manner. The damping element has a pocket in which the barrier element is received reversibly. Furthermore, the barrier element is sealed off from the housing by way of the damping element all around the microphone opening.

IPC 8 full level  
**H04R 25/00** (2006.01); **H04R 1/08** (2006.01)

CPC (source: CN EP US)  
**H04R 1/086** (2013.01 - EP US); **H04R 25/00** (2013.01 - CN); **H04R 25/554** (2013.01 - US); **H04R 25/604** (2013.01 - EP US); **H04R 25/65** (2013.01 - US); **H04R 25/654** (2013.01 - EP US); **H04R 2225/51** (2013.01 - EP US)

Citation (search report)  
• [XYI] WO 2009123563 A1 20091008 - SIEMENS MEDICAL INSTR PTE LTD [SG], et al  
• [YA] US 2006042865 A1 20060302 - BERG CHRISTIAN [CH], et al  
• [YA] EP 2068587 A2 20090610 - SIEMENS MEDICAL INSTR PTE LTD [SG]  
• [YA] US 2011013799 A1 20110120 - FANG TAO [CN], et al  
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• [A] EP 1465457 A2 20041006 - STARKEY LAB INC [US]  
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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**DE 102015208846 A 20150513**; CN 201610296893 A 20160506; DK 16163965 T 20160406; EP 16163965 A 20160406;  
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