

Title (en)

Hermetically tight hearing aid transducer and hearing aid with this transducer

Title (de)

Hermetisch dichter Hörgerätewandler und Hörgeräte mit diesem Wandler

Title (fr)

Transducteur hermétiquement étanche pour prothèse auditive et prothèse auditive avec ce transducteur

Publication

EP 1011295 B1 20110309 (DE)

Application

EP 99122696 A 19991115

Priority

DE 19858399 A 19981217

Abstract (en)

[origin: EP1011295A2] The electroacoustic transducer has an electromechanical transducer drive unit (19) in a housing (14) hermetically sealed on all sides with one wall forming a flexible membrane (17). The drive unit is coupled to the membrane so that mechanical output vibrations of the unit are directly coupled to the membrane from the interior and stimulate it to flexural vibrations that cause sound radiation. An Independent claim is also included for a hearing aid.

IPC 8 full level

H04R 25/00 (2006.01); **H04R 25/02** (2006.01)

CPC (source: EP US)

H04R 17/00 (2013.01 - EP US); **H04R 25/60** (2013.01 - EP US); **H04R 11/02** (2013.01 - EP US); **H04R 19/00** (2013.01 - EP US); **H04R 25/604** (2013.01 - EP US); **H04R 25/607** (2019.04 - EP US); **H04R 25/609** (2019.04 - EP US); **H04R 2225/0216** (2019.04 - EP US); **H04R 2225/025** (2013.01 - EP US); **H04R 2307/027** (2013.01 - EP US); **H04R 2460/15** (2013.01 - EP US)

Cited by

US8873783B2; US9204229B2; EP1439737A3; WO2010034337A1; US9132270B2; US9973867B2; EP1522208B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 1011295 A2 20000621; **EP 1011295 A3 20060524**; **EP 1011295 B1 20110309**; AT E501602 T1 20110315; DE 19858399 A1 20000706; DE 19858399 C2 20030220; DE 59915256 D1 20110421; DK 1011295 T3 20110606; US 6600825 B1 20030729

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