

Title (en)

Differential directional microphone and hearing aid with such a differential directional microphone

Title (de)

Differentielles Richtmikrofonsystem und Hörhilfsgerät mit einem solchen differentiellen Richtmikrofonsystem

Title (fr)

Système de microphone directionnel différentiel et appareil auditif doté d'un tel système de microphone directionnel différentiel

Publication

**EP 1916872 A3 20110817 (DE)**

Application

**EP 07118344 A 20071012**

Priority

DE 102006049870 A 20061023

Abstract (en)

[origin: EP1916872A2] The system has two differential microphone stages with two differential directional microphones, respectively, where one of the differential microphone stages is downstream of the other differential microphone stage. The two differential microphone stages exhibit directional characteristics with zero points in two directions, respectively. One of the directions is oriented opposite to the other direction.

IPC 8 full level

**H04R 25/00** (2006.01); **H04R 3/00** (2006.01)

CPC (source: EP)

**H04R 25/407** (2013.01); **H04R 3/005** (2013.01); **H04R 2225/41** (2013.01); **H04R 2430/21** (2013.01)

Citation (search report)

- [X] EP 1465453 A2 20041006 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [X] EP 1499160 A2 20050119 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] EP 0802699 A2 19971022 - PHONAK AG [CH]

Cited by

WO2022229797A1; US9002045B2; US9749754B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1916872 A2 20080430; EP 1916872 A3 20110817; EP 1916872 B1 20160113**; DE 102006049870 A1 20080508;  
DE 102006049870 B4 20160519; DK 1916872 T3 20160418

DOCDB simple family (application)

**EP 07118344 A 20071012**; DE 102006049870 A 20061023; DK 07118344 T 20071012