

Title (en)

HEARING ASSISTANCE SYSTEM WITH OWN VOICE DETECTION

Title (de)

HÖRHILFESYSTEM MIT ERKENNUNG DER EIGENEN STIMME

Title (fr)

SYSTÈME D'AIDE AUDITIVE AVEC DÉTECTION DE SA PROPRE VOIX

Publication

**EP 3461148 A3 20190417 (EN)**

Application

**EP 18195310 A 20150819**

Priority

- US 201414464149 A 20140820
- EP 15181620 A 20150819

Abstract (en)

[origin: EP2988531A1] A hearing assistance system includes a pair of left and right hearing assistance devices to be worn by a wearer and uses both of the left and right hearing assistance devices to detect the voice of the wearer. The left and right hearing assistance devices each include first and second microphones at different locations. Various embodiments detect the voice of the wearer using signals produced by the first and second microphones of the left hearing assistance device and the first and second microphones of the right hearing assistance device. Various embodiments use outcome of detection of the voice of the wearer performed by the left hearing assistance device and the outcome of detection of the voice of the wearer performed the right hearing assistance device to determine whether to declare a detection of the voice of the wearer.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP)

**H04R 25/407** (2013.01); **H04R 25/552** (2013.01); **H04R 25/405** (2013.01)

Citation (search report)

- [Y] US 2014010397 A1 20140109 - MERKS IVO [US]
- [Y] US 2006262944 A1 20061123 - RASMUSSEN KARSTEN B [DK], et al
- [A] US 2013051566 A1 20130228 - PONTOPPIDAN NIELS HENRIK [DK]

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)

**EP 2988531 A1 20160224**; **EP 2988531 B1 20180919**; DK 2988531 T3 20190114; EP 3461148 A2 20190327; EP 3461148 A3 20190417; EP 3461148 B1 20230322

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