

Title (en)

HEARING ASSISTANCE SYSTEM WITH OWN VOICE DETECTION

Title (de)

HÖRHILFESYSTEM MIT ERKENNUNG DER EIGENEN STIMME

Title (fr)

SYSTÈME D'ASSISTANCE AUDITIVE AVEC DÉTECTION DE SA PROPRE VOIX

Publication

**EP 2988531 A1 20160224 (EN)**

Application

**EP 15181620 A 20150819**

Priority

US 201414464149 A 20140820

Abstract (en)

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 by 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)

- [X] US 2012128187 A1 20120524 - YAMADA MAKI [JP], et al
- [X] US 2007098192 A1 20070503 - SIPKEMA MARCUS K [NL]
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CN114449427A; EP3672281A1; CN111356069A; US11244699B2; US12068002B2

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)

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

DOCDB simple family (application)

**EP 15181620 A 20150819**; DK 15181620 T 20150819; EP 18195310 A 20150819