

Title (en)

Hearing aid with speaking activity recognition and method for operating a hearing aid

Title (de)

Hörvorrichtung mit Sprecheraktivitätserkennung und Verfahren zum Betreiben einer Hörvorrichtung

Title (fr)

Dispositif auditif avec détection d'activité de locuteur et procédé de fonctionnement d'un dispositif auditif

Publication

EP 2603018 B1 20160203 (DE)

Application

EP 12191191 A 20121105

Priority

DE 102011087984 A 20111208

Abstract (en)

[origin: EP2603018A1] The apparatus (10) has two analysis facilities (32-38) for obtaining speech activity data based on an audio signal of sound (12). A fusion facility (48) receives the data from the analysis facilities and identifies whether the wear is currently speaking or not, based on the data. The analysis facilities determine values for a soft decision or a probability to identify whether the wearer is speaking or not. The fusion facility weighs the data using trained or untrained weighting factors based on the analysis facilities from which the data originate, and logically combines the weighted data. An independent claim is also included for a method for operating a hearing apparatus.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP US)

H04R 25/00 (2013.01 - US); **H04R 25/407** (2013.01 - EP US); **H04R 25/505** (2013.01 - EP US)

Cited by

CN105976829A; EP3396978A1; CN108810778A; US10425746B2; EP3726856B1

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 2603018 A1 20130612; EP 2603018 B1 20160203; DE 102011087984 A1 20130613; DK 2603018 T3 20160517; US 2013148829 A1 20130613; US 8873779 B2 20141028

DOCDB simple family (application)

EP 12191191 A 20121105; DE 102011087984 A 20111208; DK 12191191 T 20121105; US 201213709224 A 20121210