

Title (en)

Detection of listening situations with different signal sources

Title (de)

Erkennen von Hörsituationen mit unterschiedlichen Signalquellen

Title (fr)

Reconnaissance de situations d'écoute à l'aide de différentes sources de signal

Publication

**EP 2822300 B1 20170419 (DE)**

Application

**EP 14172917 A 20140618**

Priority

DE 102013212853 A 20130702

Abstract (en)

[origin: US2015010182A1] A hearing aid has an acoustoelectric transducer, a pickup device for picking up an electrical or electromagnetic signal and converting it into an electrical signal. The hearing aid further has a signal processing device, an electromechanical transducer for outputting an acoustic signal, and a signal estimation device. The signal estimation device determines a correlation between signals of the acoustoelectric transducer and of the pickup device. The signal processing device adjusts a mixing ratio of the signals in the output signal depending on the correlation.

IPC 8 full level

**H04R 25/00** (2006.01)

CPC (source: EP US)

**H04R 25/43** (2013.01 - EP US); **H04R 25/50** (2013.01 - US); **H04R 25/453** (2013.01 - EP US); **H04R 25/552** (2013.01 - EP US);  
**H04R 25/554** (2013.01 - EP US)

Cited by

EP3364668A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 2015010182 A1 20150108; US 9565501 B2 20170207

DOCDB simple family (application)

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