

Title (en)

Hearing device with position data and method of operating a hearing device

Title (de)

Hörgerät mit Positionsdaten und Verfahren zum Betrieb eines Hörgeräts

Title (fr)

Dispositif auditif avec données de position et procédé de fonctionnement d'un dispositif auditif

Publication

EP 2890156 A1 20150701 (EN)

Application

EP 13199856 A 20131230

Priority

EP 13199856 A 20131230

Abstract (en)

Hearing device and related method, the hearing device comprising a first antenna; a first transceiver coupled to the first antenna and configured to wirelessly receive one or more audio streams from an audio system, the one or more audio streams including a first audio stream; a primary processing unit adapted for processing an input signal according to a hearing prescription in order to alleviate a hearing loss; an acoustic output transducer coupled to an output of the primary processing unit for conversion of an output signal from the primary processing unit into an audio output signal; at least one microphone; a secondary processing unit with a first input coupled to an output of the first transceiver for receiving a first wireless input signal representative of the first audio stream from the first transceiver; and a position controller for detecting position data of the hearing device, the position controller having an output coupled to a position input of the secondary processing unit for sending a position control signal to the secondary processing unit; wherein the secondary processing unit is configured to process the first wireless input signal from the first transceiver based on the position control signal.

IPC 8 full level

H04R 25/00 (2006.01)

CPC (source: EP)

H04R 25/554 (2013.01)

Citation (search report)

- [X] US 2013343584 A1 20131226 - BENNETT JAMES D [CZ], et al
- [X] WO 2007112756 A2 20071011 - UNIV AALBORG [DK], et al
- [A] US 2008008342 A1 20080110 - SAUK PAUL L [US]
- [A] US 2011293123 A1 20111201 - NEUMEYER FREDERICK CHARLES [US], et al

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)

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DOCDB simple family (application)

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