Title (en)
HEARING DEVICE WITH POSITION DATA, AUDIO SYSTEM AND RELATED METHODS

Title (de)
HÖRGERÄT MIT POSITIONSDATEN, AUDIOSYSTEM UND ZUGEHÖRIGE VERFAHREN

Title (fr)
DISPOSITIF AUDITIF AVEC DONNÉES DE POSITION, SYSTÈME AUDIO ET PROCÉDÉS ASSOCIÉS

Publication
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Application
EP 19197521 A 20131230

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- EP 19197521 A 20131230
- EP 13199857 A 20131230

Abstract (en)
Hearing device with position data, audio system and related methods are disclosed. A method of operating a hearing device is provided. The hearing device comprises a first antenna, a first transceiver coupled to the first antenna, an acoustic output transducer, a microphone, and a primary processing unit, the primary processing unit being coupled to the first transceiver, the acoustic output transducer, and the microphone. The method comprises pairing the hearing device with an audio system; initiating detection of hearing device motion; sending position data indicative of hearing device position to the audio system; wirelessly receiving a first audio stream based on the position data of the hearing device; converting the first audio stream to a first wireless input signal; mixing the first wireless input signal with an audio input signal from the microphone to form an input signal; processing the input signal to form an output signal; and converting the output signal to an audio output signal.

IPC 8 full level
H04R 25/00 (2006.01)

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H04R 25/554 (2013.01)

Citation (search report)
- [A] EP 2584794 A1 20130424 - OTICON AS [DK]
- [A] US 6845338 B1 20050118 - WILLINS BRUCE A [US], et al
- [A] EP 2675189 A1 20131218 - OTICON AS [DK]

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2890157 A1 20150701; **EP 2890157 B1 20191016**; DK 2890157 T3 20191028; DK 3618458 T3 20220124; EP 3618458 A1 20200304; EP 3618458 B1 20211124

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