

Title (en)
METHOD AND COMPUTER PROGRAM FOR OPERATING A HEARING SYSTEM, HEARING SYSTEM, AND COMPUTER-READABLE MEDIUM

Title (de)
VERFAHREN UND COMPUTERPROGRAMM ZUM BETRIEB EINES HÖRSYSTEMS, HÖRSYSTEM UND COMPUTERLESBARES MEDIUM

Title (fr)
PROCÉDÉ ET PROGRAMME INFORMATIQUE POUR LE FONCTIONNEMENT D'UN SYSTÈME AUDITIF, SYSTÈME AUDITIF ET SUPPORT LISIBLE PAR ORDINATEUR

Publication
EP 4178228 A1 20230510 (EN)

Application
EP 21206983 A 20211108

Priority
EP 21206983 A 20211108

Abstract (en)
A method for operating a hearing system (10) is provided. The hearing system (10) comprises a hearing device (12) configured to be worn at an ear of a user, a user device (14) communicatively coupled to the hearing device (12) and comprising a camera (36) and a display (30). The hearing device (12) comprises at least one sound input module (20) for generating an audio signal indicative of a sound detected in an environment of the hearing device (12), a first processing unit (40) for modifying the audio signal, and at least one sound output module (22) for outputting the modified audio signal. The method comprises: receiving image data from the camera (36), the image data being representative for a scene (80) in front of the camera (36); receiving an audio signal from the at least one sound input module (20), the audio signal being representative for the acoustic environment of the hearing device (12) substantially at a time the image data have been captured, wherein the acoustic environment comprises at least one audio source and wherein the audio signal is at least in part representative for a sound from the audio source; determining at least one visual object (88) as the audio source, within the scene (80) from the image data and the audio signal.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP)
H04R 25/558 (2013.01); **H04R 2225/41** (2013.01)

Citation (search report)

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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

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BA ME

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