

Title (en)
HEARING SYSTEM

Title (de)
HÖRHILFESYSTEM

Title (fr)
SYSTÈME AUDITIF

Publication
EP 4284022 A1 20231129 (EN)

Application
EP 22175285 A 20220525

Priority
EP 22175285 A 20220525

Abstract (en)
The invention relates to a hearing system (10) including a hearing device (12), the hearing system (10) implementing a hierarchical control system with at least two control levels (110, 112, 114, 116), wherein at least one control entity (120, 122, 124, 126) is assigned to each of the control levels (110, 112, 114, 116), the hearing system (10) including a memory (130) storing instructions, and a processor (132) communicatively coupled to the memory and configured to execute the control system (100) and the following instructions: determining and monitoring a hearing situation of a user of the hearing system (10) based on a status of the hearing system (10) and user related data stored in the memory (130); and determining, based on the hearing situation of the user, an updated hearing device setting (144), associating the updated hearing device setting (144) with one of the at least two control levels, wherein the control system (100) is configured to query the control entity (120, 122, 124, 126) assigned to the control level (110, 112, 114, 116) associated with the updated hearing device setting (144) for approval of the updated hearing device setting (144) upon approval, allow the hearing system (10) to apply the updated hearing device setting (144); and, subsequently notify at least the control entity (120, 122, 124, 126) assigned to the next higher control level about the application of the updated hearing device setting (144) if the control system (100) comprises a next higher control level.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP)
H04R 25/30 (2013.01); **H04R 25/50** (2013.01); **H04R 25/70** (2013.01)

Citation (search report)

- [A] WO 2018091079 A1 20180524 - SONOVA AG [CH]
- [A] EP 3236673 A1 20171025 - SONOVA AG [CH]
- [A] EP 3884849 A1 20210929 - SONOVA AG [CH]
- [A] DE 102005009530 B3 20060831 - SIEMENS AUDIOLOGISCHE TECHNIK [DE]
- [A] WO 2020172187 A1 20200827 - VIEW INC [US]
- [A] US 11213680 B2 20220104 - BOVEN CHRISTOPHER L [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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4284022 A1 20231129; EP 4284023 A1 20231129

DOCDB simple family (application)
EP 22175285 A 20220525; EP 23168466 A 20230418