Title (en)
METHOD AND SYSTEM FOR PROVIDING HEARING ASSISTANCE

Title (de)
VERFAHREN UND SYSTEM ZUR BEREITSTELLUNG VON HÖRHILFE

Title (fr)
PROCÉDÉ ET SYSTÈME PERMETTANT DE FOURNIR UNE AIDE AUDITIVE

Publication
EP 4187926 A1 20230531 (EN)

Application
EP 21211356 A 20211130

Priority
EP 21211356 A 20211130

Abstract (en)
There is provided a method for providing hearing assistance to a user (16) wearing a hearing device (12R, 12L), comprising: capturing, by a microphone arrangement (40) of the hearing device (12R, 12L), a local sound comprising the user's own voice at a location of the user, to provide an own voice signal; transmitting the own voice signal from the hearing device to a remote microphone device (14) at a location remote from the user; capturing, by a microphone arrangement (28) of the remote microphone device (14), a remote sound at the location of the remote microphone device (14) to provide a remote audio signal; processing, by the remote microphone device, the remote audio signal so as to generate an output audio signal, taking into account the received own voice signal in a manner so as to reduce a signal contribution of the user's own voice in the output audio signal; transmitting the output audio signal from the remote microphone device to the hearing device; and stimulating, by the hearing device, the user's hearing based on the received output audio signal.

IPC 8 full level
H04R 25/00 (2006.01)

CPC (source: EP)
H04R 25/405 (2013.01); **H04R 25/407** (2013.01); **H04R 25/552** (2013.01); **H04R 25/554** (2013.01)

Citation (applicant)
WO 2019233588 A1 20191212 - SONOVA AG [CH]

Citation (search report)
- [XI] US 2021345047 A1 20211104 - SABIN ANDREW TODD [US], et al
- [A] US 2009067615 A1 20090312 - STRANDBERG MALCOM [US]
- [A] WO 2019117806 A1 20190620 - ROCK HUMAN DEVICES PTE LTD [SG]
- [A] EP 3618456 A1 20200304 - OTICON AS [DK]

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

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