

Title (en)
HEARING AUGMENTATION SYSTEMS AND METHODS

Title (de)
HÖRVERSTÄRKUNGSSYSTEME UND -VERFAHREN

Title (fr)
SYSTÈMES ET PROCÉDÉS D'AUGMENTATION DE L'OUÏE

Publication
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Application
EP 20152972 A 20170206

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- US 201662292803 P 20160208
- US 201662292804 P 20160208
- US 201662292807 P 20160208
- US 201662357469 P 20160701
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- US 2017016660 W 20170206

Abstract (en)
Various systems and methods are disclosed herein to increase the quality of the sound delivered to a user and allow personalization to optimize listening performance and comfort under atypical listening conditions, environment specific adjustment, and data capture to assist in the personalization of the system to the user's needs and preferences. Features disclosed include sound level rating systems that aggregate noise data detected by user's mobile phones or hearing devices to provide a database of real-time noise levels. Additionally, a user's sound settings may be saved in the system by location so that they may be recalled when re-entering a specific location. A remote clinician may tune a hearing device, or a user can tune the device using a pre-recorded audio sample. Also, a user may replay the last X seconds of audio recorded by their hearing device.

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Citation (applicant)
US 8379871 B2 20130219 - MICHAEL NICHOLAS R [US], et al

Citation (search report)

- [I] US 2015172831 A1 20150618 - DITTBERNER ANDREW BURKE [US], et al
- [A] US 2015271607 A1 20150924 - SABIN ANDREW [US]
- [A] US 2014314261 A1 20141023 - SELIG AARON ALEXANDER [US], et al
- [A] DE 102014207311 A1 20150305 - SIEMENS MEDICAL INSTR PTE LTD [SG]

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