

Title (en)
Hearing instrument presenting environmental sounds

Title (de)
Hörgerät mit Darstellung der Umweltgeräusche

Title (fr)
Instrument auditif présentant les sons de l'environnement

Publication
EP 2835983 A1 20150211 (EN)

Application
EP 13193426 A 20131119

Priority
EP 13193426 A 20131119

Abstract (en)
A hearing instrument (2) is disclosed. The hearing instrument (2) comprised: transmitting means (2, 36) for transmitting an audio signal into at least one of the ears (6) of a user (4); output means (2, 50) for providing an audible signal to the user (4) and means (44) for detecting sound signals (20) from the surroundings of the user (4). The hearing instrument (2) comprises analysing means (46) for analysing the detected sound signals (20) and comparing the detected sound signals (20) with a number of predefined environmental sound detection constraints (54). The hearing instrument (2) provides the detected sound signals (20) processed or directly (unprocessed) to the user (4) by means of the transmitting means (2, 36), if the detected sound signals (20) comply with the predefined environmental sound detection constraints (54). The detected sound signals (20) are not transmitted to the user (4) if the detected sound signals (20) do not comply with the predefined environmental sound detection constraints (54). The hearing instrument (2) supports means of triggering a more permanent change of general operational state following detection of sound signals (20) that comply with the predefined environmental sound detection constraints (54).

IPC 8 full level
H04R 1/10 (2006.01); **H04R 25/00** (2006.01)

CPC (source: EP)
H04R 25/43 (2013.01); **H04R 1/1083** (2013.01); **H04R 25/407** (2013.01); **H04R 25/554** (2013.01); **H04R 2225/41** (2013.01); **H04R 2420/07** (2013.01)

Citation (applicant)
EP 2472907 A1 20120704 - OTICON AS [DK]

Citation (search report)
• [X] WO 2008083315 A2 20080710 - PERSONICS HOLDINGS INC [US]
• [X] US 2002141599 A1 20021003 - TRAJKOVIC MIROSLAV [US], et al
• [X] JP 2008300894 A 20081211 - SMK KK
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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

Designated extension state (EPC)
BA ME

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