

Title (en)

METHODS AND SYSTEMS FOR ACOUSTICALLY STIMULATING BRAIN WAVES

Title (de)

VERFAHREN UND SYSTEM ZUR AKUSTISCHEN STIMULATION DER GEHIRNWELLEN

Title (fr)

PROCÉDÉS ET SYSTÈMES DE STIMULATION ACOUSTIQUE DES ONDES CÉRÉBRALES

Publication

EP 3331436 A1 20180613 (FR)

Application

EP 16757328 A 20160804

Priority

- FR 1557523 A 20150804
- FR 2016052031 W 20160804

Abstract (en)

[origin: WO2017021662A1] The invention relates to a method and system for personalized acoustic stimulation of the brain waves of a person. The system comprises an acoustic stimulation device (1) and a remote server (100). The device (1) comprises: a memory (6) storing operation parameters, a means (3) for acquiring a measurement signal (S), an analysis means (5) for assessing if the person is fit for stimulation, and an emission means (4) for emitting a sound signal. The acquisition means (3), the analysis means (5), and/or the emission means (4) operate on the basis of the operation parameters. The device (1) and the remote server (100) comprise data transmission means (7, 110) for transmitting data for operation of the device to the server and transmitting second operation parameters from the server to the device. The remote server (100) comprises a means (120) for processing operation data in order to determine the second operation parameters.

IPC 8 full level

A61B 5/00 (2006.01); **A61B 5/374** (2021.01); **A61B 5/375** (2021.01); **A61M 21/02** (2006.01)

CPC (source: EP US)

A61B 5/24 (2021.01 - EP US); **A61B 5/374** (2021.01 - US); **A61B 5/375** (2021.01 - US); **A61B 5/38** (2021.01 - EP US); **A61B 5/4809** (2013.01 - US); **A61B 5/6803** (2013.01 - US); **A61B 5/6814** (2013.01 - EP US); **A61M 21/02** (2013.01 - EP US); **A61N 1/36031** (2017.07 - US); **A61N 1/36034** (2017.07 - US); **A61B 5/0006** (2013.01 - US); **A61B 5/02405** (2013.01 - US); **A61B 5/4064** (2013.01 - US); **A61B 5/4812** (2013.01 - US); **A61M 2021/0027** (2013.01 - EP US); **A61M 2205/50** (2013.01 - EP US); **A61M 2205/8206** (2013.01 - EP US); **A61M 2230/06** (2013.01 - EP US); **A61M 2230/10** (2013.01 - US); **A61M 2230/18** (2013.01 - US); **A61M 2230/42** (2013.01 - EP US); **A61M 2230/50** (2013.01 - EP US); **A61M 2230/63** (2013.01 - EP US); **A61N 1/0408** (2013.01 - US); **A61N 1/37217** (2013.01 - US)

Citation (search report)

See references of WO 2017021662A1

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

DOCDB simple family (publication)

WO 2017021662 A1 20170209; CN 108024754 A 20180511; EP 3331436 A1 20180613; FR 3039773 A1 20170210; US 2018236232 A1 20180823

DOCDB simple family (application)

FR 2016052031 W 20160804; CN 201680051453 A 20160804; EP 16757328 A 20160804; FR 1557523 A 20150804; US 201615750288 A 20160804