Title (en)

SYSTEM, DEVICE AND METHOD FOR DETERMINING AND/OR ASSESSING BRAIN RELATED CONDITIONS BASED ON PUPIL LIGHT RESPONSE

Title (de)

SYSTEM, VORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG UND/ODER BEWERTUNG VON HIRNASSOZIIERTEN ZUSTÄNDEN BASIEREND AUF EINER PUPILLENLICHTREAKTION

Title (fr)

SYSTÈME, DISPOSITIF ET PROCÉDÉ DE DÉTERMINATION ET/OU D'ÉVALUATION DE PATHOLOGIES LIÉES AU CERVEAU SUR LA BASE DE LA RÉPONSE DE LA PUPILLE À LA LUMIÈRE

Publication

EP 4103038 A1 20221221 (EN)

Application

EP 21753272 A 20210211

Priority

- US 202062972668 P 20200211
- IL 2021050170 W 20210211

Abstract (en)

[origin: WO2021161318A1] Provided herein are systems, devices and methods for monitoring the progression of, determining and/or assessing brain related conditions in a subject based on pupil light responses (PLRs) to chromatic light stimuli, in particular, by classifying the PLR based on one or more PLR parameter values, wherein the classifying allows monitoring the progression of, determining and/or assessing the brain related condition

IPC 8 full level

A61B 3/11 (2006.01); **A61B 3/00** (2006.01); **A61B 5/00** (2006.01)

CPC (source: EP IL)

A61B 3/063 (2013.01 - EP IL); **A61B 3/112** (2013.01 - EP IL); **A61B 5/252** (2021.01 - EP IL); **A61B 5/256** (2021.01 - EP IL); **A61B 5/332** (2021.01 - EP IL); **A61B 5/4064** (2013.01 - EP IL); **A61B 5/6813** (2013.01 - EP IL); **A61B 5/6823** (2013.01 - EP IL); **A61B 5/683** (2013.01 - EP IL)

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)

WO 2021161318 A1 20210819; CN 115426935 A 20221202; EP 4103038 A1 20221221; EP 4103038 A4 20231025; IL 295444 A 20221001

DOCDB simple family (application)

IL 2021050170 W 20210211; CN 202180029067 A 20210211; EP 21753272 A 20210211; IL 29544422 A 20220808