Title (en)

SYSTEM FOR FASTENING OPTICAL PUMPING MAGNETOMETERS (OPM), AND ELASTOMER MATRIX WHICH FORMS PART OF THE SYSTEM AND IS TO BE FASTENED TO A MAGNETOENCEPHALOGRAPHY DEVICE

Title (de)

SYSTEM ZUR BEFESTIGUNG VON OPTISCHEN PUMPMAGNETOMETERN (OPM) UND ELASTOMERMATRIX ZUR FORMUNG EINES TEILS DES SYSTEMS UND ZUR BEFESTIGUNG AN EINER MAGNETOENZEPHALOGRAFIEVORRICHTUNG

Title (fr)

SYSTÈME DE FIXATION DE MAGNÉTOMÈTRES À POMPAGE OPTIQUE (OPM), MATRICE EN ÉLASTOMÈRE INTÉGRANT UNE PARTIE DU SYSTÈME DESTINÉE À ÊTRE FIXÉE À UN DISPOSITIF DE MAGNÉTOENCÉPHALOGRAPHIE

Publication

EP 4297653 A1 20240103 (FR)

Application

EP 22705831 A 20220217

Priority

- FR 2101838 A 20210225
- EP 2022053885 W 20220217

Abstract (en)

[origin: WO2022179923A1] The invention relates to an OPM sensor fastening system comprising: - a support socket (1) for positioning the sensor, the support socket (1) comprising a base (10) and a housing (12) for accommodating a portion of the OPM sensor; - a part (3) for locking the sensor in the support socket, the locking part (3) comprising an open base (30) suitable for accommodating the base of the socket, a housing (32) for accommodating a portion of the OPM sensor, and a removable partition (35, 36) suitable for letting the OPM sensor pass, the locking part being suitable for press-fittingly cooperating with the support socket so as to blockingly wedge the OPM sensor in the longitudinal position relative to the socket.

IPC 8 full level

A61B 5/245 (2021.01); **A61B 5/00** (2006.01); **G01R 33/26** (2006.01)

CPC (source: EP US)

A61B 5/245 (2021.01 - EP US); **A61B 5/6803** (2013.01 - EP US); A61B 2562/0223 (2013.01 - US); G01R 33/26 (2013.01 - EP)

Citation (search report)

See references of WO 2022179923A1

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)

FR 3119981 A1 20220826; **FR 3119981 B1 20240628**; EP 4297653 A1 20240103; US 2024122515 A1 20240418; WO 2022179923 A1 20220901

DOCDB simple family (application)

FR 2101838 A 20210225; EP 2022053885 W 20220217; EP 22705831 A 20220217; US 202218547740 A 20220217