

Title (en)

POSITIONING DEVICE FOR POSITIONING A LIGHT-CONDUCTING FIBRE IN A CALIBRATION PORT

Title (de)

POSITIONIERVORRICHTUNG ZUR POSITIONIERUNG EINER LICHTLEITENDEN FASER IN EINEM KALIBRATIONSPORT

Title (fr)

DISPOSITIF DE POSITIONNEMENT DESTINÉ À POSITIONNER UNE FIBRE CONDUCTRICE DE LUMIÈRE DANS UN ORIFICE D'ÉTALONNAGE

Publication

EP 3635462 A1 20200415 (DE)

Application

EP 18718803 A 20180418

Priority

- DE 102017112482 A 20170607
- EP 2018059877 W 20180418

Abstract (en)

[origin: CA3065092A1] The invention relates to a positioning apparatus (100) for positioning a light-guiding fiber (206) in a calibration port (208) of a medical apparatus (202) comprising at least one light source (204) for the light-guiding fiber (206), wherein the positioning apparatus (100) comprises an elongate body (102) with two end faces (110, 112) and at least one side face (116). A channel (104) for receiving the light-guiding fiber (206) is formed in the body (102), said channel extending along a longitudinal axis of the body (102) proceeding from a first end face (110). Here, according to the invention, provision is made for the body (102), at least in one portion, to consist of an opaque material in the region of the channel (104) and/or to be coated with an opaque material and for said body to have at least one cutout (113, 118), which extends from a side face (116) and/or the second end face (112) of the body (102) to the channel (104) such that radiation emitted by the light-guiding fiber (206) can only emerge from the positioning apparatus (100) in unimpeded fashion through the at least one cutout (113, 118).

IPC 8 full level

G02B 6/42 (2006.01); **F21V 8/00** (2006.01)

CPC (source: EP KR US)

A61F 9/008 (2013.01 - EP KR); **A61N 5/062** (2013.01 - EP KR); **A61N 5/067** (2021.08 - EP KR US); **G02B 6/00** (2013.01 - EP); **G02B 6/0008** (2013.01 - EP KR); **G02B 6/001** (2013.01 - EP KR US); **G02B 6/42** (2013.01 - EP); **G02B 6/4201** (2013.01 - EP); **G02B 6/4219** (2013.01 - EP KR); **A61B 2017/00057** (2013.01 - EP KR US); **A61B 2090/0808** (2016.02 - EP KR); **A61F 2009/00863** (2013.01 - EP KR); **A61N 5/062** (2013.01 - US); **A61N 2005/0626** (2013.01 - EP KR); **A61N 2005/063** (2013.01 - EP KR US); **G02B 6/423** (2013.01 - US)

Citation (search report)

See references of WO 2018224210A1

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)

DE 102017112482 A1 20181213; AU 2018281723 A1 20191219; AU 2018281723 B2 20230831; BR 112019025767 A2 20200623; CA 3065092 A1 20181213; CN 110741299 A 20200131; EP 3635462 A1 20200415; JP 2020522745 A 20200730; JP 7123978 B2 20220823; KR 102535367 B1 20230522; KR 20200013682 A 20200207; RU 2019136995 A 20210709; RU 2019136995 A3 20210722; US 11592606 B2 20230228; US 2020158965 A1 20200521; WO 2018224210 A1 20181213

DOCDB simple family (application)

DE 102017112482 A 20170607; AU 2018281723 A 20180418; BR 112019025767 A 20180418; CA 3065092 A 20180418; CN 201880037786 A 20180418; EP 18718803 A 20180418; EP 2018059877 W 20180418; JP 2019566588 A 20180418; KR 20197036103 A 20180418; RU 2019136995 A 20180418; US 201816619610 A 20180418