

Title (en)

DEVICE FOR DETERMINING AN ORIENTATION OF AN OPTICAL DEVICE OF A COHERENCE TOMOGRAPH, COHERENCE TOMOGRAPH AND LASER PROCESSING SYSTEM

Title (de)

VORRICHTUNG FÜR DIE BESTIMMUNG EINER AUSRICHTUNG EINER OPTISCHEN VORRICHTUNG EINES KOHÄRENZTOMOGRAPHEN, KOHÄRENZTOMOGRAPH UND LASERBEARBEITUNGSSYSTEM

Title (fr)

DISPOSITIF POUR LA DÉTERMINATION D'UNE ORIENTATION D'UN DISPOSITIF OPTIQUE D'UN APPAREIL DE TOMOGRAPHIE PAR COHÉRENCE, APPAREIL DE TOMOGRAPHIE PAR COHÉRENCE ET SYSTÈME DE TRAITEMENT AU LASER

Publication

**EP 3642655 A1 20200429 (DE)**

Application

**EP 19708262 A 20190225**

Priority

- DE 102018105877 A 20180314
- EP 2019054528 W 20190225

Abstract (en)

[origin: WO2019174895A1] The present invention relates to a device (300, 300') for determining an orientation of an optical device (250) of a coherence tomograph (200). The device (300, 300') comprises an optical reference geometry (310, 500), a deflection optical unit (320) configured to direct an optical measurement beam (13) reflected by the optical device (250) onto the optical reference geometry (310, 500), and an evaluation unit (240) configured to determine a distance between a first reference plane (A) and at least one second reference plane (C, 501) of the optical reference geometry (310, 500) in order to determine the orientation of the optical device (250).

IPC 8 full level

**G01B 11/14** (2006.01); **G02B 7/00** (2006.01); **G02B 7/182** (2006.01)

CPC (source: EP US)

**B23K 26/032** (2013.01 - US); **B23K 26/042** (2015.10 - EP US); **B23K 26/0643** (2013.01 - US); **B23K 26/14** (2013.01 - US); **B23K 26/702** (2015.10 - EP); **G01B 9/02072** (2013.06 - EP US); **G01B 9/02091** (2013.01 - US); **G02B 5/09** (2013.01 - EP); **G01B 9/02091** (2013.01 - EP); **G02B 5/09** (2013.01 - US)

Citation (search report)

See references of WO 2019174895A1

Cited by

EP3608625B1

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 102018105877 B3 20190228**; CN 111065947 A 20200424; CN 111065947 B 20220830; EP 3642655 A1 20200429; JP 2020532743 A 20201112; JP 7005750 B2 20220124; US 11623299 B2 20230411; US 2020198051 A1 20200625; WO 2019174895 A1 20190919

DOCDB simple family (application)

**DE 102018105877 A 20180314**; CN 201980004208 A 20190225; EP 19708262 A 20190225; EP 2019054528 W 20190225; JP 2020513837 A 20190225; US 201916634730 A 20190225