

Title (en)

BIOPSY NEEDLE GUIDE HAVING A POINTER FOR SIMPLIFIED ANGULATION

Title (de)

BIOPSIENADELFÜHRUNG MIT POINTER ZUR VEREINFACHTEN ANGULIERUNG

Title (fr)

GUIDE D'AIGUILLE DE BIOPSIE À POINTEUR PERMETTANT DE SIMPLIFIER L'INCLINAISON

Publication

**EP 3589223 A1 20200108 (DE)**

Application

**EP 18711219 A 20180209**

Priority

- DE 102017104302 A 20170301
- DE 2018100112 W 20180209

Abstract (en)

[origin: WO2018157883A1] The invention relates to a biopsy needle guide having a pointer for performing a biopsy in a tissue of a patient in conjunction with an imaging method for imaging the tissue and identifying a target volume to be examined, comprising a needle-guiding head (2), which can be freely translated in a plane in at least two degrees of freedom and is mounted for rotation about an axis (S) not perpendicular to said plane and has a needle feed-through opening (20, 29), and comprising a marker pin (4), which can be inserted into an opening (20, 29) of the head (2) and which contains a marker part (41), which can be imaged with good contrast by means of the imaging method, the marker part (41) lying in the pivot axis (S) of the head (2) when the marker pin (4) is inserted into the opening (20, 29). The invention further relates to a use of such a biopsy needle guide.

IPC 8 full level

**A61B 17/34** (2006.01); **A61B 90/11** (2016.01)

CPC (source: EP KR US)

**A61B 10/0233** (2013.01 - KR US); **A61B 10/04** (2013.01 - KR); **A61B 17/34** (2013.01 - EP); **A61B 17/3403** (2013.01 - KR US); **A61B 90/11** (2016.02 - KR); **A61B 90/39** (2016.02 - KR); **A61B 90/11** (2016.02 - EP US); **A61B 90/39** (2016.02 - US); **A61B 2010/045** (2013.01 - KR US); **A61B 2017/3407** (2013.01 - EP KR); **A61B 2017/3413** (2013.01 - US); **A61B 2090/395** (2016.02 - EP KR)

Citation (search report)

See references of WO 2018157883A1

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 102017104302 A1 20180906**; DE 112018001074 A5 20191114; EP 3589223 A1 20200108; JP 2020508784 A 20200326; KR 20190123301 A 20191031; US 11246575 B2 20220215; US 2020000443 A1 20200102; WO 2018157883 A1 20180907; WO 2018157883 A9 20190906

DOCDB simple family (application)

**DE 102017104302 A 20170301**; DE 112018001074 T 20180209; DE 2018100112 W 20180209; EP 18711219 A 20180209; JP 2019547454 A 20180209; KR 20197028311 A 20180209; US 201816488255 A 20180209