

Title (en)  
NEEDLE GUIDE FOR BIOPSY

Title (de)  
NADELFÜHRUNG FÜR BIOPSIE

Title (fr)  
GUIDE-AIGUILLE POUR BIOPSIE

Publication  
**EP 3073943 A1 20161005 (DE)**

Application  
**EP 14833115 A 20141114**

Priority  
• DE 102013113277 A 20131129  
• DE 2014100402 W 20141114

Abstract (en)  
[origin: WO2015078445A1] Biopsy device comprising a needle guide (4, 4') for a biopsy needle (41, 41'), a frame (3, 3'), a first manipulator (11, 11') which is connected thereto and is freely displaceable relative to the frame (3, 3') along a first coordinate axis (12, 12') in and/or parallel to the translation plane (31, 31') spanned by the frame (3, 3') and/or the first and a second manipulator (11, 11'), (13, 13'), the second manipulator (13, 13') which is connected to the first manipulator (11, 11') and is freely displaceable relative to the first manipulator (11, 11') along a second coordinate axis (14, 14') linearly divergent from the first coordinate axis in and/or parallel to the translation plane (31, 31') spanned by the frame (3, 3') and/or the first and a second manipulator (11, 11'), (13, 13'), and a first hinge (21, 21') which is connected to the second manipulator (13, 13') and is freely pivotable relative to the second manipulator (13, 13') about a first pivot axis (22, 22') which extends in and/or parallel to this translation plane (31, 31') and is connected to the needle guide (4, 4').

IPC 8 full level  
**A61B 17/34** (2006.01); **A61B 10/02** (2006.01)

CPC (source: EP)  
**A61B 17/3403** (2013.01); **A61B 10/0233** (2013.01); **A61B 2017/3407** (2013.01)

Citation (search report)  
See references of WO 2015078445A1

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 102013113277 A1 20150603**; DE 112014005435 A5 20160901; EP 3073943 A1 20161005; WO 2015078445 A1 20150604

DOCDB simple family (application)  
**DE 102013113277 A 20131129**; DE 112014005435 T 20141114; DE 2014100402 W 20141114; EP 14833115 A 20141114