

Title (en)

INDIRECT VISUALIZATION-ASSISTED APPARATUS AND METHOD FOR POSITIONING MEDICAL INSTRUMENTS

Title (de)

DURCH INDIREKTE VISUALISIERUNG UNTERSTÜTZTE VORRICHTUNG UND VERFAHREN ZUR POSITIONIERUNG MEDIZINISCHER INSTRUMENTE

Title (fr)

DISPOSITIF ASSISTÉ PAR VISUALISATION INDIRECTE ET PROCÉDÉ POUR LE POSITIONNEMENT D'INSTRUMENTS MÉDICAUX

Publication

EP 3261552 A1 20180103 (EN)

Application

EP 16718447 A 20160218

Priority

- IT MI20150301 A 20150227
- IB 2016050878 W 20160218
- IT MI20150300 A 20150227

Abstract (en)

[origin: WO2016135594A1] An apparatus (1) for positioning a medical instrument (2) with respect to a target tissue (3) comprises reference means (9) with a plurality of guide channels (11) to allow the medical instrument (2) to pass in a guided manner, and a depth reference (33) the position of which with respect to the guide channels (11) can be adjusted in the guide direction (14) and can be fixated so as to provide an insertion end-of-stroke position of the medical instrument (2) in a selected channel (31) of the guide channels (11).

IPC 8 full level

A61B 8/08 (2006.01); **A61B 8/12** (2006.01); **A61B 17/00** (2006.01); **A61B 17/34** (2006.01); **A61B 34/20** (2016.01)

CPC (source: EP)

A61B 8/0841 (2013.01); **A61B 8/12** (2013.01); **A61B 10/0241** (2013.01); **A61B 17/00234** (2013.01); **A61B 17/3403** (2013.01);
A61B 34/10 (2016.02); **A61B 34/20** (2016.02); **A61B 90/11** (2016.02); **A61B 90/37** (2016.02); **A61B 90/90** (2016.02); **A61B 2017/00115** (2013.01);
A61B 2017/00119 (2013.01); **A61B 2017/00274** (2013.01); **A61B 2017/3409** (2013.01); **A61B 2017/3411** (2013.01); **A61B 2017/3413** (2013.01);
A61B 2034/107 (2016.02); **A61B 2034/2059** (2016.02); **A61B 2034/2063** (2016.02); **A61B 2034/252** (2016.02); **A61B 2090/034** (2016.02);
A61B 2090/062 (2016.02); **A61B 2090/0807** (2016.02); **A61B 2090/378** (2016.02)

Citation (search report)

See references of WO 2016135595A1

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)

WO 2016135594 A1 20160901; WO 2016135594 A8 20161103; EP 3261550 A1 20180103; EP 3261552 A1 20180103;
WO 2016135595 A1 20160901

DOCDB simple family (application)

IB 2016050877 W 20160218; EP 16713077 A 20160218; EP 16718447 A 20160218; IB 2016050878 W 20160218