

Title (en)

DIRECTING AND MANEUVERING ARTICULATING A LAPAROSCOPIC SURGERY TOOL

Title (de)

LEITEN UND MANÖVRIEREN EINES GELENKIGEN LAPAROSKOPISCHEN CHIRURGISCHEN INSTRUMENTS

Title (fr)

ORIENTATION ET MANIPULATION D'UN OUTIL ARTICULÉ DE CHIRURGIE LAPAROSCOPIQUE

Publication

EP 2900130 A4 20161005 (EN)

Application

EP 13841164 A 20130930

Priority

- US 201261707976 P 20120930
- IL 2013050806 W 20130930

Abstract (en)

[origin: WO2014049598A1] A surgical controlling system comprising: a. a surgical tool adapted to be inserted into a surgical environment of a human body for assisting a surgical procedure, said surgical tool being an articulating tool; b. a location estimating means adapted to real-time locate the 3D spatial position of said surgical tool at any given time 't'; c. a movement detection means; and, d. a controller having a processing means communicable with a controller's database, said controller adapted to control the spatial position of said surgical tool; said controller's database is in communication with said movement detection means; said controller adapted to provide instructions for moving said surgical tool.

IPC 8 full level

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CPC (source: EP)

A61B 5/066 (2013.01); **A61B 17/00234** (2013.01); **A61B 34/20** (2016.02)

Citation (search report)

- [E] EP 2946733 A1 20151125 - MST MEDICAL SURGERY TECHNOLOGIES LTD [IL]
- [XYI] EP 2467798 A1 20120627 - MAZOR SURGICAL TECH LTD [IL]
- [Y] US 2007185485 A1 20070809 - HAUCK JOHN A [US], et al
- See references of WO 2014049598A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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