

Title (en)

SYSTEM AND METHOD FOR CONTROLLING A SURGICAL MANIPULATOR BASED ON IMPLANT PARAMETERS

Title (de)

SYSTEM UND VERFAHREN ZUR STEUERUNG EINES CHIRURGISCHEN MANIPULATORS AUF DER BASIS VON IMPLANTATPARAMETERN

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMANDE D'UN MANIPULATEUR CHIRURGICAL SUR LA BASE DE PARAMÈTRES D'IMPLANT

Publication

EP 3344178 A1 20180711 (EN)

Application

EP 16766180 A 20160901

Priority

- US 201514845820 A 20150904
- US 2016049955 W 20160901

Abstract (en)

[origin: WO2017040821A1] System and method for controlling a surgical manipulator to apply an energy applicator to a patient. The surgical manipulator cooperates with a navigation system to position the energy applicator with respect to a boundary so that the energy applicator is constrained from moving outside the boundary. The boundary is generated based on implant parameters and/or energy applicator parameters measured after manufacture of the implant.

IPC 8 full level

A61B 34/00 (2016.01); **A61B 34/20** (2016.01); **A61B 34/30** (2016.01); **A61B 34/32** (2016.01); **A61B 90/90** (2016.01); **A61B 90/96** (2016.01)

CPC (source: EP)

A61B 34/20 (2016.02); **A61B 34/30** (2016.02); **A61B 34/32** (2016.02); **A61B 34/70** (2016.02); **A61B 90/90** (2016.02); **A61B 90/96** (2016.02); **A61B 90/03** (2016.02); **A61B 2034/102** (2016.02); **A61B 2034/105** (2016.02); **A61B 2034/107** (2016.02); **A61B 2034/2051** (2016.02); **A61B 2034/2055** (2016.02); **A61B 2034/2059** (2016.02); **A61F 2/32** (2013.01); **A61F 2/38** (2013.01); **A61F 2/40** (2013.01); **A61F 2/4657** (2013.01)

Citation (search report)

See references of WO 2017040821A1

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 2017040821 A1 20170309; EP 3344178 A1 20180711

DOCDB simple family (application)

US 2016049955 W 20160901; EP 16766180 A 20160901