

Title (en)

METHODS AND SYSTEMS FOR CONTROLLING COOPERATIVE SURGICAL INSTRUMENTS

Title (de)

VERFAHREN UND SYSTEME ZUR STEUERUNG KOOPERATIVER CHIRURGISCHER INSTRUMENTE

Title (fr)

PROCÉDÉS ET SYSTÈMES DE COMMANDE D'INSTRUMENTS CHIRURGICAUX COOPÉRATIFS

Publication

EP 4221602 A1 20230809 (EN)

Application

EP 22786493 A 20220926

Priority

- US 202163249870 P 20210929
- US 202117451950 A 20211022
- IB 2022059084 W 20220926

Abstract (en)

[origin: WO2023052934A1] Systems, devices, and methods for controlling cooperative surgical instruments are provided. Various aspects of the present disclosure provide for coordinated operation of surgical instruments accessing a common body cavity of a patient from different approaches to achieve a common surgical purpose. For example, various methods, devices, and systems disclosed herein can enable the coordinated treatment of surgical tissue by disparate minimally invasive surgical systems that approach the tissue from varying anatomical spaces and operate in concert with one another to effect a desired surgical treatment.

IPC 8 full level

A61B 17/11 (2006.01); **A61B 34/20** (2016.01)

CPC (source: EP)

A61B 1/00149 (2013.01); **A61B 1/015** (2013.01); **A61B 1/2736** (2013.01); **A61B 5/0075** (2013.01); **A61B 5/1459** (2013.01);
A61B 5/4255 (2013.01); **A61B 17/1114** (2013.01); **A61B 34/20** (2016.02); **A61B 34/30** (2016.02); **A61B 90/30** (2016.02); **A61B 90/361** (2013.01);
A61B 5/062 (2013.01); **A61B 5/065** (2013.01); **A61B 5/1072** (2013.01); **A61B 2017/00026** (2013.01); **A61B 2017/00061** (2013.01);
A61B 2017/00818 (2013.01); **A61B 2017/1139** (2013.01); **A61B 2034/2051** (2016.02); **A61B 2034/2061** (2016.02); **A61B 2034/303** (2016.02);
A61B 2090/364 (2013.01); **A61B 2090/365** (2016.02); **A61B 2090/371** (2016.02); **G01B 11/2513** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2023052934 A1 20230406; EP 4221602 A1 20230809

DOCDB simple family (application)

IB 2022059084 W 20220926; EP 22786493 A 20220926