

Title (en)

ROBOT-ASSISTED SURGICAL GUIDE SYSTEM FOR PERFORMING SURGERY

Title (de)

ROBOTERGESTÜTZTES CHIRURGISCHES FÜHRUNGSSYSTEM ZUR DURCHFÜHRUNG EINER OPERATION

Title (fr)

SYSTÈME DE GUIDAGE CHIRURGICAL ASSISTÉ PAR ROBOT POUR EFFECTUER UNE INTERVENTION CHIRURGICALE

Publication

EP 4337126 A1 20240320 (EN)

Application

EP 22825505 A 20220512

Priority

- US 202117320195 A 20210513
- US 2022029066 W 20220512

Abstract (en)

[origin: WO2022265772A1] A surgical guide includes a fixed portion and a movable portion. The movable portion includes a sensor, and the surgical guide measures translation of a surgical instrument along an axis of intervention and rotation about the axis. Another embodiment of the surgical guide includes a fixed portion having a motion sensor and a removable portion having at least three spheres. The removable portion fits inside of the fixed portion. The surgical instrument contacts the spheres, and the motion sensor senses the movement caused by the instrument of the corresponding sphere.

IPC 8 full level

A61B 34/10 (2016.01); **A61B 34/20** (2016.01); **A61B 34/30** (2016.01)

CPC (source: EP)

A61B 34/20 (2016.02); **A61B 90/11** (2016.02); **A61B 34/25** (2013.01); **A61B 34/30** (2016.02); **A61B 90/98** (2016.02); **A61B 2034/2055** (2016.02); **A61B 2034/2059** (2016.02); **A61B 2034/2065** (2016.02); **A61B 2090/061** (2016.02); **A61B 2090/062** (2016.02); **A61B 2090/064** (2016.02); **A61B 2090/376** (2013.01); **A61B 2090/3762** (2016.02); **A61B 2090/3966** (2016.02)

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 2022265772 A1 20221222; EP 4337126 A1 20240320

DOCDB simple family (application)

US 2022029066 W 20220512; EP 22825505 A 20220512