

Title (en)

ROBOTIC SURGICAL TOOL WITH REPLACEABLE CARRIAGE

Title (de)

CHIRURGISCHES ROBOTERWERKZEUG MIT AUSTAUSCHBAREM SCHLITTEN

Title (fr)

OUTIL CHIRURGICAL ROBOTIQUE À CHARIOT REMPLAÇABLE

Publication

EP 4096553 A1 20221207 (EN)

Application

EP 21746168 A 20210720

Priority

- US 202016936792 A 20200723
- US 202016936817 A 20200723
- IB 2021056547 W 20210720

Abstract (en)

[origin: WO2022018633A1] A robotic surgical tool comprises a handle having a first end and a second end, a lead screw and at least one spline extendable between the first and second ends of the handle, and a carriage movably mountable to the lead screw at a carriage nut. The carriage includes an elevator layer and one or more additional layers removably coupled to the elevator layer. An elongate shaft may be provided that extends distally from the one or more additional layers and penetrates the elevator layer and the first end when the one or more additional layers are coupled to the elevator layer. An end effector may be arranged at a distal end of the elongate shaft.

IPC 8 full level

A61B 34/30 (2016.01); **A61B 17/00** (2006.01); **A61B 34/00** (2016.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2022018633A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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