

Title (en)

SYSTEMS AND METHODS FOR ROD INSERTION PLANNING AND ROD INSERTION

Title (de)

SYSTEME UND VERFAHREN ZUR STANGENEINFÜHRUNGSPLANUNG UND STANGENEINFÜHRUNGS

Title (fr)

SYSTÈMES ET PROCÉDÉS DE PLANIFICATION D'INSERTION DE TIGE ET INSERTION DE TIGE

Publication

**EP 4284285 A1 20231206 (EN)**

Application

**EP 22709412 A 20220130**

Priority

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- US 202217575377 A 20220113
- IL 2022050131 W 20220130

Abstract (en)

[origin: WO2022162673A1] Systems and methods for calculating an insertion point and a path for a rod are provided. A surgical plan having at least one image and information about a position of at least one tower may be received. The at least one image may depict a surgical region. A soft tissue portion and at least one anatomical element may be identified in the at least one image. An insertion point and a path from the insertion point to the at least one tower may be calculated based on the identified soft tissue portion and at least one anatomical element. The rod may be inserted at the insertion point and along the path.

IPC 8 full level

**A61B 34/10** (2016.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2022162673A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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