Title (en)
PATIENT-SPECIFIC ARTHROPLASTY SYSTEM

Title (de)
PATIENTENSPEZIFISCHES ARTHROPLASTIKSYSTEM

Title (fr)
SYSTÈME D'ARTHROPLASTIE SPÉCIFIQUE D'UN PATIENT

Publication
EP 3762932 A2 20210113 (EN)

Application
EP 19809140 A 20190306

Priority
• US 201815914392 A 20180307
• IB 2019001069 W 20190306

Abstract (en)
[origin: WO2020008270A2] A patient-specific arthroplasty system comprising a database comprising preoperative data, ligament balancing tool data, and postoperative data associated with a plurality of patients, a preoperative evaluation module that receives preoperative data for a given patient, an analysis engine that analyzes the database, receives the preoperative data, and generates a surgical recommendation based on the preoperative data of the given patient and the analysis of the database, and a pin positioning block module that receives the surgical recommendation and determines a pin positioning block based on the surgical recommendation.

IPC 8 full level
G16H 20/40 (2018.01); **A61B 34/10** (2016.01); **G16H 30/40** (2018.01)

CPC (source: EP IL KR)
A61B 5/112 (2013.01 - KR); **A61B 5/4528** (2013.01 - EP IL KR); **A61B 17/1764** (2013.01 - EP IL KR); **A61B 34/10** (2016.02 - EP IL KR);
A61B 34/25 (2016.02 - EP IL KR); **A61F 2/30942** (2013.01 - IL); **A61F 2/38** (2013.01 - IL); **A61F 2/4684** (2013.01 - EP IL KR);
G16H 10/20 (2017.12 - KR); **G16H 10/60** (2017.12 - KR); **G16H 20/30** (2017.12 - KR); **G16H 20/40** (2017.12 - EP IL KR);
G16H 30/20 (2017.12 - KR); **G16H 30/40** (2017.12 - EP IL KR); **G16H 50/70** (2017.12 - KR); A61B 2034/105 (2016.02 - EP IL KR);
A61B 2034/108 (2016.02 - EP IL KR); A61B 2034/252 (2016.02 - KR); A61B 2034/256 (2016.02 - EP IL KR); A61B 2090/061 (2016.02 - EP IL KR);
A61B 2090/064 (2016.02 - EP IL KR); A61F 2/30942 (2013.01 - EP); A61F 2/38 (2013.01 - EP); A61F 2002/4633 (2013.01 - KR)

Citation (search report)
See references of WO 2020008270A2

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 2020008270 A2 20200109; **WO 2020008270 A3 20200305**; AU 2019298826 A1 20200917; BR 112020018159 A2 20210202;
CA 3092912 A1 20200109; EP 3762932 A2 20210113; IL 277021 A 20201029; JP 2021516115 A 20210701; KR 20200130691 A 20201119;
MX 2020009317 A 20210412; ZA 202005220 B 20210825

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IB 2019001069 W 20190306; AU 2019298826 A 20190306; BR 112020018159 A 20190306; CA 3092912 A 20190306; EP 19809140 A 20190306;
IL 27702120 A 20200831; JP 2020546960 A 20190306; KR 20207025960 A 20190306; MX 2020009317 A 20190306; ZA 202005220 A 20200821