

Title (en)

BIPOLAR SEALING INSTRUMENT WITH PARTLY AUTOMATED ACTUATING MECHANISM

Title (de)

BIPOLARES VERSIEGELUNGSTRUMENT MIT TEILAUTOMATISIERTEM BETÄTIGUNGSMECHANISMUS

Title (fr)

INSTRUMENT DE SCELLEMENT BIPOLAIRE DOTÉ D'UN MÉCANISME D'ACTIONNEMENT PARTIELLEMENT AUTOMATISÉ

Publication

**EP 3880100 A1 20210922 (DE)**

Application

**EP 19809003 A 20191115**

Priority

- DE 102018128870 A 20181116
- EP 2019081482 W 20191115

Abstract (en)

[origin: WO2020099633A1] The invention relates to a bipolar sealing instrument (1), comprising a first actuating mechanism (3) for manually actuating a tool provided on a distal instrument tip, at least in a low-load working force range (B1), wherein a second actuating mechanism (5) having an electric motor (4) is configured to be activated automatically when a high-load working force range (B2) is reached in order to subsequently transfer the tool, with motor support or fully automatically, into a high-load working position so as to support the manual actuation.

IPC 8 full level

**A61B 18/14** (2006.01); **A61B 17/295** (2006.01)

CPC (source: EP KR US)

**A61B 18/1206** (2013.01 - KR); **A61B 18/1445** (2013.01 - EP KR US); **A61B 18/1482** (2013.01 - KR); **A61B 2017/00398** (2013.01 - EP KR US); **A61B 2017/2845** (2013.01 - EP KR US); **A61B 2018/00589** (2013.01 - EP KR US); **A61B 2018/0063** (2013.01 - EP KR US); **A61B 2018/00958** (2013.01 - EP KR US); **A61B 2018/126** (2013.01 - EP KR US); **A61B 2018/1455** (2013.01 - EP KR); **A61B 2090/064** (2016.02 - EP KR)

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)

**DE 102018128870 A1 20200520**; BR 112021009484 A2 20210810; CN 112996451 A 20210618; EP 3880100 A1 20210922; JP 2022507437 A 20220118; JP 7478147 B2 20240502; KR 20210093301 A 20210727; US 2022008119 A1 20220113; WO 2020099633 A1 20200522

DOCDB simple family (application)

**DE 102018128870 A 20181116**; BR 112021009484 A 20191115; CN 201980074075 A 20191115; EP 19809003 A 20191115; EP 2019081482 W 20191115; JP 2021526367 A 20191115; KR 20217018360 A 20191115; US 201917293937 A 20191115