

Title (en)  
TOOL JOINT POSITIONING

Title (de)  
WERKZEUG-GELENK-POSITIONIERUNG

Title (fr)  
POSITIONNEMENT DE JOINT D'OUTIL

Publication  
**EP 3682082 A1 20200722 (EN)**

Application  
**EP 18857211 A 20180913**

Priority  
• US 201762558758 P 20170914  
• US 201816129153 A 20180912  
• US 2018050813 W 20180913

Abstract (en)  
[origin: US2019078401A1] Techniques and systems to provide automatic positioning of a tripping apparatus. A system may include a sensor configured to detect an object in proximity of the sensor and generate a signal indicative of detected object. The system may also include a processing device configured to process the signal indicative of the detected object to determine a location of the detected object, retrieve information related to a physical characteristic of a tubular segment, and calculate an indication of the location of a connection point of the tubular segment based upon the location of the detected object and the physical characteristic of the tubular segment.

IPC 8 full level  
**E21B 19/16** (2006.01); **E21B 15/02** (2006.01); **E21B 19/00** (2006.01)

CPC (source: EP KR US)  
**E21B 15/02** (2013.01 - KR); **E21B 19/002** (2013.01 - KR); **E21B 19/16** (2013.01 - EP US); **E21B 19/165** (2013.01 - EP KR US); **E21B 44/00** (2013.01 - EP US); **E21B 47/00** (2013.01 - EP); **E21B 47/002** (2020.05 - US); **E21B 19/10** (2013.01 - EP KR US)

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)  
**US 2019078401 A1 20190314**; AU 2018332896 A1 20200409; BR 112020005058 A2 20200915; CA 3075671 A1 20190321; CN 111373115 A 20200703; EP 3682082 A1 20200722; EP 3682082 A4 20210602; KR 20200040933 A 20200420; SG 11202002275S A 20200429; WO 2019055606 A1 20190321

DOCDB simple family (application)  
**US 201816129153 A 20180912**; AU 2018332896 A 20180913; BR 112020005058 A 20180913; CA 3075671 A 20180913; CN 201880073218 A 20180913; EP 18857211 A 20180913; KR 20207010531 A 20180913; SG 11202002275S A 20180913; US 2018050813 W 20180913