

Title (en)

Method and device for semi-automatic adjustment of a handling device

Title (de)

Verfahren und Vorrichtung zur halbautomatischen Justierung einer Handhabungseinrichtung

Title (fr)

Procédé et dispositif d'ajustement semi-automatique d'un dispositif de manipulation

Publication

EP 2666955 B1 20190220 (DE)

Application

EP 13168558 A 20130521

Priority

DE 102012208676 A 20120523

Abstract (en)

[origin: EP2666955A2] The method involves detecting a position of a drill string (10) using a camera (20). The image captured from the camera is displayed on a screen (26). The junction (14) between the two link elements (12) of the drill string is selected from the captured image. A position of the mark in the captured image is converted to motion data for positioning of the handling device by adjusting the link element with respect to the upper portion of the drill string. Independent claims are included for the following: (1) a device for semi-automatic adjustment of handling device to drill string; (2) a computer program product storing program for semi-automatic adjustment of handling device to drill string; and (3) a drilling rig.

IPC 8 full level

E21B 19/16 (2006.01); **E21B 47/00** (2012.01)

CPC (source: EP)

E21B 19/165 (2013.01); **E21B 47/002** (2020.05)

Cited by

CN112627747A; EP3473799A1; US10995570B2; US10975681B2

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

DOCDB simple family (publication)

EP 2666955 A2 20131127; **EP 2666955 A3 20171018**; **EP 2666955 B1 20190220**; DE 102012208676 A1 20131128; PL 2666955 T3 20190731

DOCDB simple family (application)

EP 13168558 A 20130521; DE 102012208676 A 20120523; PL 13168558 T 20130521