

Title (en)

HANDLING DEVICE FOR USE IN THE MAST OF A DRILLING RIG AND METHOD FOR MOVING DRILL RODS OR DRILL PIPE ELEMENTS

Title (de)

HANDHABUNGSVORRICHTUNG ZUR VERWENDUNG IM MAST EINER BOHRANLAGE UND VERFAHREN ZUM BEWEGEN VON BOHRSTANGEN ODER BOHRGESTÄNGEELEMENTEN

Title (fr)

DISPOSITIF DE MANIPULATION DESTINÉ À ÊTRE UTILISÉ DANS LE MÂT D'UNE INSTALLATION DE FORAGE ET PROCÉDÉ DE DÉPLACEMENT DE TIGES DE FORAGE OU D'ÉLÉMENTS DE TRAINS DE TIGES DE FORAGE

Publication

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Application

EP 18710848 A 20180310

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Abstract (en)

[origin: WO2018166927A1] The invention relates to a handling device (20) for use in the mast (10) of a drilling rig and for moving drill rods (12) or drill pipe elements (14), and to a method for operating same, wherein the handling device (20) comprises a base (52) which is vertically movable in or on the mast (10), wherein the handling device (20) has, on the base (52), an arm (54) which is movable about an axis of rotation (R1), wherein the axis of rotation (R1) is parallel or at least substantially parallel to the mast (10) or a movement path of the handling device (20) in or on the mast (10), wherein the arm (54) is pivotable about at least one pivot axis (R2).

IPC 8 full level

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CPC (source: EA EP)

E21B 19/14 (2013.01 - EA EP)

Citation (examination)

- CN 205532274 U 20160831 - SICHUAN HONGHUA PET EQUIPMENT
- DE 102012016878 A1 20140227 - MAX STREICHER GMBH & CO KG AA [DE]
- US 2010326672 A1 20101230 - CHILDERS MARK ALAN [US], et al

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