

Title (en)

HANDLING DEVICE FOR DRILL PIPES OF A DEEP HOLE DRILLING DEVICE

Title (de)

HANDHABUNGSVORRICHTUNG FÜR BOHRROHRE EINER TIEFBOHRVORRICHTUNG

Title (fr)

DISPOSITIF DE MANIPULATION DE TUBES DE FORAGE D'UN DISPOSITIF DE FORAGE PROFOND

Publication

EP 3049607 B1 20210120 (DE)

Application

EP 14789785 A 20140924

Priority

- DE 102013015893 A 20130924
- EP 2014002578 W 20140924

Abstract (en)

[origin: CN203783492U] The utility model discloses a conveying device for a drill pipe of a deep hole drill device. The drill device is used for manufacturing a deep hole drill. The conveying device comprises at least one drill pipe support which is perpendicularly arranged on an operation flat surface of the drill device and is provided with an opening section, wherein the drill pipe can be placed in the drill pipe support or taken out of the drill pipe support through the opening section. The conveying device is characterized in that the drill pipe support is provided with a guide part, a conveying space with one side limited by the guide part and the other side limited by the drill pipe support is formed in the area of the opening section through the guide part, the conveying device comprises at least one clamping part for clamping the drill pipe, the clamping part can be horizontally moved, and the drill pipe can be moved in the area of the conveying space through the clamping part.

IPC 8 full level

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CPC (source: CN EP)

E21B 19/14 (2013.01 - CN EP); **E21B 19/155** (2013.01 - CN EP)

Citation (examination)

- WO 2006075914 A1 20060720 - ERIKSEN MORTEN [NO]
- EP 1953334 A2 20080806 - NAT OILWELL VARCO LP [US]
- WO 2006096068 A1 20060914 - SENSE EDM AS [NO], et al
- US 4397605 A 19830809 - COWGILL CHARLES F [US], et al
- US 4765401 A 19880823 - BOYADJIEFF GEORGE I [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DE 102013015893 A 20130924; CN 201310606530 A 20131125; CN 201320755165 U 20131125; EP 14789785 A 20140924; EP 2014002578 W 20140924