

Title (en)

Device for handling drilling rods, method for operating the device and use of means to move such a device

Title (de)

Vorrichtung zur Handhabung von Bohrgestänge, Verfahren zum Betrieb der Vorrichtung und Verwendung von Mitteln zum Bewegen einer solchen Vorrichtung

Title (fr)

Dispositif de manipulation de tiges de forage, procédé de fonctionnement du dispositif et d'utilisation de moyens pour déplacer un tel dispositif

Publication

EP 2381064 A3 20160217 (DE)

Application

EP 11163317 A 20110421

Priority

DE 102010016585 A 20100422

Abstract (en)

[origin: EP2381064A2] The device has a rod magazine (20) movable along a rod magazine channel (24) that runs laterally adjacent to a drilling rig (10). A skidding channel is designed as the magazine channel, where the movement of the magazine is synchronized with movement of the rig. A vertical lift has two handles for engagement into the magazine and for accommodating a drilling rod (16). A rod handling device is movable along a handling device channel transverse to the magazine channel. A handling device channel element i.e. rail, is movable with the magazine and designed as a section of the device channel. An independent claim is also included for a method for operating a device for handling a drilling rod.

IPC 8 full level

E21B 19/15 (2006.01)

CPC (source: EP)

E21B 19/15 (2013.01)

Citation (search report)

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- [XYI] US 6581698 B1 20030624 - DIRKS THORSTEN [DE]
- [XI] US 4208158 A 19800617 - DAVIES PHILIP H [US], et al
- [XI] US 2003102166 A1 20030605 - JORTVEIT JAN [NO]
- [XI] DE 2721342 B2 19800313
- [Y] US 4345864 A 19820824 - SMITH JR ROGER, et al
- [YA] US 5451129 A 19950919 - BOYADJIEFF GEORGE I [US], et al
- [A] US 2005103526 A1 20050519 - AYLING LAURENCE J [GB]

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)

EP 2381064 A2 20111026; EP 2381064 A3 20160217; DE 102010016585 A1 20111027

DOCDB simple family (application)

EP 11163317 A 20110421; DE 102010016585 A 20100422