

Title (en)

Method for simultaneous handling and loading of drilling rods and casings by means of two independent rotaries

Title (de)

Verfahren zur gleichzeitigen Bearbeitung und Ladung von Bohrstangen und Hüllen über zwei unabhängige Rotary-Anlagen

Title (fr)

Procédé de manipulation et de chargement simultané de barres de fleurets et boîtiers au support de deux éléments rotatifs indépendants

Publication

EP 1980709 A1 20081015 (EN)

Application

EP 08006077 A 20080328

Priority

IT TO20070253 A 20070412

Abstract (en)

Method for simultaneous handling and loading of drilling rods and casings by means of a machine equipped with two independent rotaries (1 and 2), slidably mounted, independent of one another, on the mast (9) of the machine; there being positionable alongside the mast (9) the loader (3) for loading rods (7) and casings (8), there being applied on the mast (9), at the bottom end, three vices (4, 5 and 6), designed for unscrewing/screwing the rods (7) and casings (8); the method is characterized by the following operations carried out in succession: a) operation of loading the rods/casings to carry out drilling in the earth down to the desired depth; b) operation of extraction of the battery of the rods, including the starting rod provided with the bit, and the casings that contain them, setting them resting in the loader, this operation being carried out in the following steps, namely: the first step b1) of extraction and arrangement of the rods (7) in the loader, and the second step b2) of extraction and arrangement of the casings (8) in the loader.

IPC 8 full level

E21B 7/20 (2006.01); **E21B 3/02** (2006.01); **E21B 19/14** (2006.01); **E21B 19/16** (2006.01)

CPC (source: EP US)

E02D 11/00 (2013.01 - EP); **E21B 3/022** (2020.05 - EP US); **E21B 7/20** (2013.01 - EP); **E21B 19/14** (2013.01 - EP); **E21B 19/16** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB IT NL

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1980709 A1 20081015; EP 1980709 B1 20091209; DE 602008000359 D1 20100121; ES 2337745 T3 20100428; IT TO20070253 A1 20081013

DOCDB simple family (application)

EP 08006077 A 20080328; DE 602008000359 T 20080328; ES 08006077 T 20080328; IT TO20070253 A 20070412