

Title (en)

A drilling machine provided with a device for guiding the drill rods contained in a loading device

Title (de)

Bohrmaschine mit Vorrichtung zum Führen von Bohrstangen aus einer Ladevorrichtung

Title (fr)

Machine perforatrice comprenant un dispositif de guidage de tiges de forage contenues dans un dispositif de chargement

Publication

EP 2239410 B1 20160824 (EN)

Application

EP 10157458 A 20100324

Priority

IT TO20090230 A 20090326

Abstract (en)

[origin: EP2239410A1] A drilling machine comprising a supporting structure having a guide tower (2) provided with elements for guiding the sliding (21), upon which a rotating head (23) for sequentially moving drill rods, to which are given both the movements of rotation and the movements of advancement in the ground and of successive return, slides. The machine also comprises a loading device (3) associated with this guide tower, wherein a plurality of drill rods in battery is positioned and a guide device (4) for maintaining centered the drill rod present in battery and/or drawn from the loading device and associated to the rotating head in the desired direction of drilling.

IPC 8 full level

E21B 15/04 (2006.01); **E21B 19/14** (2006.01); **E21B 19/24** (2006.01)

CPC (source: EP)

E21B 15/04 (2013.01); **E21B 19/14** (2013.01); **E21B 19/146** (2013.01); **E21B 19/24** (2013.01)

Cited by

CN102518105A; CN107299827A; CN102182409A; CN109158854A; CN113089622A; EP3702578A1; IT201900003035A1; EP4015761A1; FR3118091A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2239410 A1 20101013; **EP 2239410 B1 20160824**; IT 1401728 B1 20130802; IT TO20090230 A1 20100927

DOCDB simple family (application)

EP 10157458 A 20100324; IT TO20090230 A 20090326