

Title (en)

Drilling rig, wherein the mast is not subjected to compressive stresses

Title (de)

Bohranlage, wobei der Mast keinen Druckspannungen ausgesetzt ist

Title (fr)

Installation de forage dont le mât n'est pas soumis à des contraintes en compression

Publication

**EP 1990504 A3 20100901 (FR)**

Application

**EP 08290419 A 20080505**

Priority

FR 0703319 A 20070509

Abstract (en)

[origin: EP1990504A2] The rig (1) has a vertical mast comprising a fixed part (11) along which a movable structure is slidingly mounted, where the movable structure carries a rotating and fixing head of a driven element such as rod or set of rods to realize the drilling. One end of links is fixed to the fixed part while another end is connected to the movable structure. Two linear jacks (V1, V2) are symmetrically arranged in a plane passing through an axis of the rod.

IPC 8 full level

**E21B 15/00** (2006.01); **E21B 7/02** (2006.01); **E21B 19/084** (2006.01)

CPC (source: EP)

**E21B 7/023** (2013.01); **E21B 15/00** (2013.01); **E21B 19/084** (2013.01)

Citation (search report)

- [A] US 4020909 A 19770503 - AIRAUDO ANTONIN
- [A] FR 2448620 A1 19800905 - AGNEL ADRIEN
- [A] EP 0548900 A2 19930630 - SOILMEC SPA [IT]

Cited by

FR2977271A1; WO2016118714A1; WO2013004956A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1990504 A2 20081112; EP 1990504 A3 20100901**; FR 2916012 A1 20081114; FR 2916012 B1 20091120

DOCDB simple family (application)

**EP 08290419 A 20080505**; FR 0703319 A 20070509