

Title (en)  
MOBILE DRILLING RIG

Title (de)  
MOBILES BOHRGESTELL

Title (fr)  
INSTALLATION DE FORAGE MOBILE

Publication  
**EP 3198105 A4 20180711 (EN)**

Application  
**EP 15843585 A 20150925**

Priority  

- US 201462055158 P 20140925
- US 201562119316 P 20150223
- US 201514702853 A 20150504
- US 2015052159 W 20150925

Abstract (en)  
[origin: CN106715820A] A mobile drilling rig is mountable on a separate drive chassis having running gear. A separate main frame may be having elongated members, each having outer end extensions and vertically adjustable support posts thereon. A slide chassis is slidable on one end of the main frame mounting a power plant, and a mast pivot support pivotally mounted on the other end of the main frame. An elongated mast has a drill head movable thereon, with the mast pivot support slidably mounting the mast thereon so that the mast may be pivoted between vertical and horizontal orientations thereon while being movable in lengthwise directions. The slide chassis, the mast and drill head are moved to positions improving the stability of the rig when traversing grades in an up or down hill direction.

IPC 8 full level  
**E21B 15/00** (2006.01); **E21B 7/02** (2006.01)

CPC (source: EP US)  
**E21B 7/023** (2013.01 - EP US); **E21B 7/024** (2013.01 - EP)

Citation (search report)  

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- [X] EP 2781682 A1 20140924 - KELLER HOLDING GMBH [DE]
- [A] GB 2050264 A 19810107 - BERRY W
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- [A] US 3994350 A 19761130 - SMITH JACK D, et al
- [A] US 2004178004 A1 20040916 - MACDONALD CLAUDE [CA]
- See references of WO 2016049422A1

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

DOCDB simple family (publication)  
CN 106715820 A 20170524; EP 3198105 A1 20170802; EP 3198105 A4 20180711

DOCDB simple family (application)  
CN 201580051956 A 20150925; EP 15843585 A 20150925