

Title (en)  
MECHANICAL ROUGHNECK POSITIONER

Title (de)  
MECHANISCHER POSITIONIERER FÜR BOHRGESTÄNGEVERSCHRAUBUNG

Title (fr)  
DISPOSITIF DE POSITIONNEMENT DE DISPOSITIF DE FORAGE MÉCANIQUE

Publication  
**EP 2841682 A1 20150304 (EN)**

Application  
**EP 13780789 A 20130418**

Priority  
• US 201261637566 P 20120424  
• CA 2013000377 W 20130418

Abstract (en)  
[origin: WO2013159187A1] A device is taught for positioning drill pipe make up or break out equipment on a rig floor. The device comprises a forward arm connectable at a first end to the drill pipe make up or break out equipment, an upper rearward arm and a lower rearward arm, pivotably connectable between the forward arm and a column, said lower rearward arm further being axially movable along said column. The device further comprises means for maintaining the upper rearward arm in parallel relationship with the lower rearward arm and means for axially moving said lower rearward arm. Axial movement of said lower rearward arm acts to extend or retract said forward arm, while maintaining a constant axial position of the make up or break out equipment. A method is also provided for positioning drill pipe make up or break out equipment by connecting the make up or break out equipment to a forward arm of a positioning device and horizontally extending or retracting said forward arm while maintaining a constant vertical position of the equipment.

IPC 8 full level  
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CPC (source: EP US)  
**E21B 17/1078** (2013.01 - US); **E21B 19/14** (2013.01 - US); **E21B 19/16** (2013.01 - EP US); **E21B 19/165** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013159187A1

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DOCDB simple family (publication)  
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**CA 2013000377 W 20130418**; CA 2869570 A 20130418; EP 13780789 A 20130418; US 201314391070 A 20130418