

Title (en)

MOBILE PRESSURE OPTIMIZATION UNIT FOR DRILLING OPERATIONS

Title (de)

BEWEGLICHE DRUCKOPTIMIERUNGSEINHEIT FÜR BOHROPERATIONEN

Title (fr)

UNITÉ MOBILE D'OPTIMISATION DE PRESSION POUR DES OPÉRATIONS DE FORAGE

Publication

EP 2710216 A4 20160113 (EN)

Application

EP 11865460 A 20110516

Priority

US 2011036616 W 20110516

Abstract (en)

[origin: WO2012158155A1] A well drilling method can include transporting a pressure optimization unit to a rig site, the pressure optimization unit including a choke manifold, a control system which automatically controls operation of the choke manifold, and a flowmeter which measures flow of drilling fluid through the choke manifold, and then interconnecting the pressure optimization unit to rig drilling equipment. A pressure optimization unit for use with a well drilling system can include a choke manifold, a control system which automatically controls operation of the choke manifold, and a flowmeter which measures flow of drilling fluid through the choke manifold. The choke manifold, control system and flowmeter may be incorporated into a same conveyance which transports the pressure optimization unit to a rig site.

IPC 8 full level

E21B 7/00 (2006.01); **E21B 7/02** (2006.01); **E21B 47/00** (2012.01)

CPC (source: EP US)

E21B 21/08 (2013.01 - EP US); **E21B 2200/22** (2020.05 - EP US)

Citation (search report)

- [Y] WO 2011043764 A1 20110414 - HALLIBURTON ENERGY SERV INC [US], et al
- [Y] US 7207399 B2 20070424 - DUHE JASON [US], et al
- See references of WO 2012158155A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2012158155 A1 20121122; EP 2710216 A1 20140326; EP 2710216 A4 20160113; MX 2013013366 A 20140108; US 2012292108 A1 20121122; US 2012292109 A1 20121122

DOCDB simple family (application)

US 2011036616 W 20110516; EP 11865460 A 20110516; MX 2013013366 A 20110516; US 201213406730 A 20120228; US 201213422666 A 20120316