

Title (en)

PRESSURE AND FLOW CONTROL IN DRILLING OPERATIONS

Title (de)

DRUCK-UND STRÖMUNGSSTEUERUNG BEI BOHROPERATIONEN

Title (fr)

COMMANDE DE PRESSION ET D'ÉCOULEMENT DANS DES OPÉRATIONS DE FORAGE

Publication

**EP 2707570 A4 20151230 (EN)**

Application

**EP 11865031 A 20110509**

Priority

US 2011035751 W 20110509

Abstract (en)

[origin: WO2012154167A1] A well drilling system includes a flow control device regulating flow from a rig pump to a drill string, the flow control device being interconnected between the pump and a standpipe manifold, and another flow control device regulating flow through a line in communication with an annulus. Flow is simultaneously permitted through the flow control devices. A method of maintaining a desired bottom hole pressure includes dividing drilling fluid flow between a line in communication with a drill string interior and a line in communication with an annulus; the flow dividing step including permitting flow through a flow control device interconnected between a pump and a standpipe manifold.

IPC 8 full level

**E21B 43/12** (2006.01); **E21B 21/08** (2006.01); **E21B 34/06** (2006.01)

CPC (source: EP US)

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

Citation (search report)

- [X] WO 2011043764 A1 20110414 - HALLIBURTON ENERGY SERV INC [US], et al
- See references of WO 2012154167A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2012154167 A1 20121115**; AU 2011367855 A1 20131024; CA 2832720 A1 20121115; CA 2832720 C 20170328; EP 2707570 A1 20140319; EP 2707570 A4 20151230; MX 2013013045 A 20140217; MX 340331 B 20160705; MX 350433 B 20170906

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