

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)

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)

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

DOCDB simple family (application)

US 2011035751 W 20110509; AU 2011367855 A 20110509; CA 2832720 A 20110509; EP 11865031 A 20110509; MX 2013013045 A 20110509; MX 2016008649 A 20110509