

Title (en)
PRESSURE AND FLOW CONTROL IN DRILLING OPERATIONS

Title (de)
DRUCK- UND STRÖMUNGSREGELUNG BEI BOHROPERATIONEN

Title (fr)
COMMANDE DE LA PRESSION ET DE L'ÉCOULEMENT DANS DES OPÉRATIONS DE FORAGE

Publication
EP 2358968 A4 20170517 (EN)

Application
EP 08879035 A 20081219

Priority
US 2008087686 W 20081219

Abstract (en)
[origin: WO2010071656A1] A well drilling system for use with a drilling fluid pump includes a flow control device regulating flow from the pump to a drill string interior; 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 the drill string interior; and the flow dividing step including permitting flow through another flow control device interconnected between the pump and the annulus, while flow is permitted through the first flow control device.

IPC 8 full level
E21B 21/10 (2006.01); **E21B 21/08** (2006.01)

CPC (source: EP GB US)
E21B 19/16 (2013.01 - EP); **E21B 21/08** (2013.01 - EP GB US); **E21B 21/085** (2020.05 - EP); **E21B 21/10** (2013.01 - GB); **E21B 21/106** (2013.01 - EP)

Citation (search report)

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- See also references of WO 2010071656A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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