

Title (en)

INSTALLATION AND METHOD FOR MONITORING A DRILLING FLUID EXITING THE WELLBORE

Title (de)

INSTALLATION UND VERFAHREN ZUR ÜBERWACHUNG EINER AUS EINEM BOHRLOCH AUSTRETENDEN BOHRFLÜSSIGKEIT

Title (fr)

INSTALLATION ET PROCÉDÉ DE SURVEILLANCE D'UN FLUIDE DE FORAGE SORTANT DU Puits DE FORAGE

Publication

EP 3073047 A1 20160928 (EN)

Application

EP 15290083 A 20150323

Priority

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Abstract (en)

The disclosure relates to an installation for monitoring a drilling fluid exiting a wellbore, the installation comprising a main pipe for discharging the drilling fluid out of the wellbore, a by-pass pipe having an inlet and an outlet in fluid communication with the main pipe, and a flow monitoring sensor situated in the by-pass pipe. The installation further comprises at least one of a main closing device for opening and/or closing the main pipe and a by-pass closing device for opening and/or closing the bypass pipe, and at least an additional sensor for determining at least a parameter relative to the wellbore and a control device for controlling at least one of the main and by-pass closing devices in function of the parameter.

IPC 8 full level

E21B 21/10 (2006.01); **E21B 21/08** (2006.01)

CPC (source: EP US)

E21B 21/08 (2013.01 - EP US); **E21B 21/106** (2013.01 - EP)

Citation (search report)

- [Y] WO 2010071656 A1 20100624 - HALLIBURTON ENERGY SERV INC [US], et al
- [Y] FLORIAN LE BLAY ET AL: "A New Generation of Well Surveillance for Early Detection of Gains and Losses When Drilling Very High Profile Ultradeepwater Wells, Improving Safety, and Optimizing Operating Procedures (SPE 158374)", SPETT 2012 ENERGY CONFERENCE AND EXHIBITION, 11 June 2012 (2012-06-11), pages 1 - 10, XP055208505, ISBN: 978-1-61-399244-9, DOI: 10.2118/158374-MS

Designated contracting state (EPC)

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DOCDB simple family (application)

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