

Title (en)

METHOD FOR EVALUATING A WELLBORE PARAMETER IN A DRILLING OPERATION AND RELATED ASSEMBLY

Title (de)

VERFAHREN ZUM AUSWERTEN EINES BOHRLOCHPARAMETERS IN EINEM BOHRVORGANG UND ZUGEHÖRIGE ANORDNUNG

Title (fr)

PROCÉDÉ POUR ÉVALUER UN PARAMÈTRE DE FORAGE LORS D'UNE OPÉRATION DE FORAGE ET ENSEMBLE CORRESPONDANT

Publication

EP 3249151 A1 20171129 (EN)

Application

EP 16290089 A 20160525

Priority

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Abstract (en)

The method comprises: - injecting a tracer gas at an injection point (152) in a drilling fluid intended to circulate in the wellbore; - circulating the drilling fluid containing the tracer gas from the injection point (152) to an exit of the wellbore; - extracting gas from the drilling fluid, the extraction being configured so that hydrocarbons and the tracer gas are extracted if present in the drilling fluid, - transporting the extracted gas to a measuring device (57) intended for detecting hydrocarbons; -detecting the tracer gas at the measuring device (57); -calculating the wellbore parameter based at least on a time of detection of the tracer gas. The tracer gas comprises at least a perfluorocarbon and/or a hydrofluorocarbon.

IPC 8 full level

E21B 21/08 (2006.01)

CPC (source: EP US)

E21B 21/08 (2013.01 - EP US)

Citation (applicant)

WO 9321420 A1 19931028 - AMEN RANDALL M [US]

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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