

Title (en)
Method and system for monitoring stability of a wellbore

Title (de)
Verfahren und System zur Überwachung der Stabilität eines Bohrlochs

Title (fr)
Procédé et système de surveillance de la stabilité d'un puits de forage

Publication
EP 3018287 A1 20160511 (EN)

Application
EP 14290333 A 20141107

Priority
EP 14290333 A 20141107

Abstract (en)
The disclosure relates to a method for monitoring stability of a wellbore (20). The method comprises measuring parameters relative to the wellbore, and estimating during a time period an equivalent static density (ESD) indicator profile and/or an equivalent circulating density (ECD) indicator profile for the wellbore based on the measured parameters. The profile may include values at a plurality of depths for a given time of the time period. The method may also comprise selecting in the time period a time window during which a predetermined event occurred and determining based on the ESD or ECD indicator profile in the selected time window, a depth at which the event occurred.

IPC 8 full level
E21B 44/00 (2006.01); **E21B 47/06** (2012.01)

CPC (source: EP US)
E21B 21/08 (2013.01 - EP US); **E21B 44/00** (2013.01 - EP); **E21B 47/06** (2013.01 - EP)

Citation (applicant)
E. KARSTAD: "Analysis of Temperature Measurements during Drilling", SPE38603, 1997

Citation (search report)
• [X] WO 2012106348 A2 20120809 - MI LLC [US], et al
• [X] US 2014214325 A1 20140731 - WESSLING STEFAN [DE], et al

Cited by
CN107558992A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3018287 A1 20160511

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