

Title (en)

ADAPTIVE DRILLSTRING CONDITION DETERMINATION

Title (de)

ADAPTIVE BESTIMMUNG DES ZUSTANDS EINES BOHRSTRANGS

Title (fr)

DÉTERMINATION DE CONDITION DE TRAIN DE TIGES DE FORAGE ADAPTATIVE

Publication

EP 4229268 A1 20230823 (EN)

Application

EP 21881335 A 20211015

Priority

- US 202063093022 P 20201016
- US 2021071906 W 20211015

Abstract (en)

[origin: US2022120176A1] A method can include identifying a threshold value for a drillstring off-bottom condition determination; filtering time series surface data of a post-connection drilling state of the drillstring using the threshold value to generate filtered time series surface data; and statistically determining a drillstring off-bottom condition value using the filtered time series surface data.

IPC 8 full level

E21B 19/16 (2006.01); **E21B 44/02** (2006.01)

CPC (source: EP US)

E21B 7/04 (2013.01 - EP US); **E21B 44/02** (2013.01 - EP); **E21B 47/024** (2013.01 - EP); **E21B 47/18** (2013.01 - EP US); **E21B 2200/20** (2020.05 - EP US)

Citation (search report)

See references of WO 2022082227A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

US 202117451088 A 20211015; CA 3198834 A 20211015; CN 202180083805 A 20211015; EP 21881335 A 20211015; US 2021071906 W 20211015