

Title (en)

SURFACE WELLBORE OPERATING EQUIPMENT UTILIZING MEMS SENSORS

Title (de)

BOHRLOCH OBERFLÄCHENBETRIEBSVORRICHTUNG MIT MEMS-SENSOREN

Title (fr)

ÉQUIPEMENT DE SURFACE D'OPÉRATION DE PUITS DE FORAGE UTILISANT DES CAPTEURS MEMS

Publication

**EP 2981672 A2 20160210 (EN)**

Application

**EP 14725287 A 20140317**

Priority

- US 201313855463 A 20130402
- US 2014030286 W 20140317

Abstract (en)

[origin: WO2014165314A2] A method comprising mixing a wellbore servicing composition comprising Micro-Electro-Mechanical System (MEMS) sensors in surface wellbore operating equipment at the surface of a wellsite. An interrogator retrieves data regarding a parameter sensed by the MEMS sensor.

IPC 8 full level

**E21B 47/00** (2012.01)

CPC (source: EP)

**E21B 43/2607** (2020.05); **E21B 47/005** (2020.05); **E21B 47/138** (2020.05); **G01V 15/00** (2013.01)

Designated contracting state (EPC)

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Designated extension state (EPC)

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