

Title (en)

BATTERY OPERATED AUTONOMOUS SCALE REMOVAL SYSTEM FOR WELLS

Title (de)

BATTERIEBETRIEBENES AUTONOMES ENTKALKERSYSTEM FÜR BRUNNEN

Title (fr)

SYSTÈME AUTONOME D'ÉLIMINATION DE DÉPÔT CALCAIRE ALIMENTÉ PAR BATTERIE POUR PUITS

Publication

**EP 3183413 A4 20170802 (EN)**

Application

**EP 15833517 A 20150714**

Priority

- US 201462038930 P 20140819
- US 2015040262 W 20150714

Abstract (en)

[origin: WO2016028412A1] An autonomously operated well intervention tool system includes a lubricator sealingly affixable to an upper end of a well. The lubricator has a latch at an upper end thereof. A well intervention tool system is releasably matable with the latch. The well intervention tool system comprises a wellbore intervention device at a longitudinal end thereof. The lubricator has at least one isolation valve to close fluid communication between the well and the lubricator.

IPC 8 full level

**E21B 23/00** (2006.01); **E21B 34/02** (2006.01); **E21B 34/04** (2006.01); **E21B 37/00** (2006.01)

CPC (source: EP US)

**E21B 33/068** (2013.01 - EP US); **E21B 37/00** (2013.01 - EP US); **E21B 23/06** (2013.01 - US)

Citation (search report)

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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)

**WO 2016028412 A1 20160225**; EP 3183413 A1 20170628; EP 3183413 A4 20170802; US 2017204702 A1 20170720

DOCDB simple family (application)

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