

Title (en)

SYSTEMS AND METHODS FOR SETTING AN EXTREME-RANGE ANCHOR WITHIN A WELLBORE

Title (de)

SYSTEME UND VERFAHREN ZUR EINSTELLUNG EINES EXTREMWEITENANKERS IN EINEM BOHRLOCH

Title (fr)

SYSTÈMES ET PROCÉDÉS DE RÉGLAGE D'UNE ANCRE À PORTÉE EXTRÊME À L'INTÉRIEUR D'UN Puits DE FORAGE

Publication

EP 3535474 A4 20200812 (EN)

Application

EP 17867604 A 20171101

Priority

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Abstract (en)

[origin: WO2018085409A1] Systems and methods include an extreme range anchor, having extending assemblies configured to engage a wellbore, for providing a self-centering, reusable anchor location within a wellbore. The extending assemblies include a first set of arms connected to a first brace, a second set of arms connected to a second brace, and a set of footplates. Each footplate in the set of footplates is connected to the first set of arms and the second set of arms. Each footplate includes a fixator coupled to a radially external face and configured to securely engage the wellbore. The system also includes a pull rod rigidly coupled to the first brace and slidably connected to the second brace. Forcing the pull rod in an axial direction shortens a distance between the first brace and the second brace and forces the set of footplates to move in a radial direction toward the wellbore.

IPC 8 full level

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CPC (source: EP RU)

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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

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WO 2018085409 A1 20180511; AU 2017355428 A1 20190606; AU 2017355428 B2 20190815; BR 112019008782 A2 20190716; BR 112019008782 B1 20221213; CA 3042378 A1 20180511; CA 3042378 C 20191217; CN 110114550 A 20190809; CN 110114550 B 20211116; CO 2019005543 A2 20190809; EP 3535474 A1 20190911; EP 3535474 A4 20200812; EP 3535474 B1 20220105; MX 2019005073 A 20191007; NZ 753668 A 20201030; RU 2019116730 A 20201203; RU 2019116730 A3 20210304; RU 2747284 C2 20210504; SG 11201903905Q A 20190530

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US 2017059544 W 20171101; AU 2017355428 A 20171101; BR 112019008782 A 20171101; CA 3042378 A 20171101; CN 201780080766 A 20171101; CO 2019005543 A 20190528; EP 17867604 A 20171101; MX 2019005073 A 20171101; NZ 75366817 A 20171101; RU 2019116730 A 20171101; SG 11201903905Q A 20171101