

Title (en)
MULTIPLE-INTERVAL WELLBORE STIMULATION SYSTEM AND METHOD

Title (de)
BOHRLOCHSTIMULATIONSSYSTEM UND -VERFAHREN MIT MEHREREN INTERVALLEN

Title (fr)
SYSTÈMES ET PROCÉDÉS DE STIMULATION DE PUITS DE FORAGE À INTERVALLES MULTIPLES

Publication
EP 3022391 A4 20170322 (EN)

Application
EP 14826561 A 20140709

Priority
• US 201313944613 A 20130717
• US 2014045918 W 20140709

Abstract (en)
[origin: US2015021021A1] Disclosed are systems and methods for carrying out multiple-interval stimulation of a wellbore. One disclosed method includes introducing one or more wellbore projectiles into a work string including a completion assembly having a first downhole tool arranged within a first interval, a second downhole tool arranged within a second interval, and a third downhole tool arranged within a third interval that interposes the first and second intervals, detecting the one or more wellbore projectiles with first and second sensors of the first and second downhole tools, opening first and second sliding sleeves arranged within the first and second downhole tools, treating the first and second intervals, sealing the first and second intervals, detecting a wellbore projectile with a third sensor of the third downhole tool, opening a third sliding sleeve arranged within the third downhole tool, and treating the third interval independent of the first and second intervals.

IPC 8 full level
E21B 43/25 (2006.01); **C09K 8/60** (2006.01); **E21B 43/26** (2006.01)

CPC (source: EP MX US)
C09K 8/60 (2013.01 - MX); **E21B 34/142** (2020.05 - EP MX US); **E21B 43/14** (2013.01 - EP US); **E21B 43/25** (2013.01 - MX); **E21B 43/26** (2013.01 - EP MX US); **E21B 2200/06** (2020.05 - EP MX US)

Citation (search report)
• [XYI] WO 2012045165 A1 20120412 - PACKERS PLUS ENERGY SERV INC [CA], et al
• [Y] US 2011284240 A1 20111124 - CHEN KUO-CHIANG [US], et al
• [A] US 2013081817 A1 20130404 - NORRID WILLIAM MARK [US], et al
• See references of WO 2015009501A1

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

DOCDB simple family (publication)
US 2015021021 A1 20150122; AU 2014290667 A1 20151126; AU 2014290667 B2 20160929; CA 2912295 A1 20150122; CA 2912295 C 20200414; EP 3022391 A1 20160525; EP 3022391 A4 20170322; MX 2015016030 A 20160706; WO 2015009501 A1 20150122

DOCDB simple family (application)
US 201313944613 A 20130717; AU 2014290667 A 20140709; CA 2912295 A 20140709; EP 14826561 A 20140709; MX 2015016030 A 20140709; US 2014045918 W 20140709