

Title (en)

WELLBORE FRAC TOOL WITH INFLOW CONTROL

Title (de)

BOHRLOCH-FRACKING-WERKZEUG MIT ZUFLUSSSTEUERUNG

Title (fr)

OUTIL DE FRACTURATION DE PUIITS DE FORAGE AVEC CONTRÔLE D'ADMISSION

Publication

**EP 2756163 A4 20150722 (EN)**

Application

**EP 12831984 A 20120905**

Priority

- US 201161533660 P 20110912
- CA 2012050612 W 20120905

Abstract (en)

[origin: WO2013037055A1] An apparatus for fluid treatment of a borehole includes: a tubular body having a long axis and an upper end, a first port extending through the wall of the tubular body, a second port extending through the wall of the tubular body, the second port having a fluid inflow control mechanism positioned to control the flow of fluid into the tubular body through the port, the first port being configurable from an open position to a closed position; and a controller to actuate the first port into the closed position, a set time after the first port is placed into the open position.

IPC 8 full level

**E21B 43/12** (2006.01); **E21B 34/08** (2006.01); **E21B 34/16** (2006.01); **E21B 43/22** (2006.01); **E21B 43/26** (2006.01)

CPC (source: EP US)

**E21B 34/06** (2013.01 - US); **E21B 34/108** (2013.01 - EP US); **E21B 34/16** (2013.01 - EP US); **E21B 43/12** (2013.01 - EP US); **E21B 43/26** (2013.01 - EP US); **E21B 44/00** (2013.01 - US)

Citation (search report)

- [X] US 2009056934 A1 20090305 - XU YANG [US]
- [X] US 2009065199 A1 20090312 - PATEL DINESH R [US], et al
- [A] CN 101812981 A 20100825 - UNIV SOUTHWEST PETROLEUM
- [A] US 2009084553 A1 20090402 - RYTLEWSKI GARY L [US], et al
- [A] US 2010000727 A1 20100107 - WEBB ALAN B [US], et al
- See references of WO 2013037055A1

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 2013037055 A1 20130321**; AU 2012308069 A1 20140327; BR 112014005570 A2 20170321; CA 2847972 A1 20130321; EP 2756163 A1 20140723; EP 2756163 A4 20150722; US 2014224471 A1 20140814

DOCDB simple family (application)

**CA 2012050612 W 20120905**; AU 2012308069 A 20120905; BR 112014005570 A 20120905; CA 2847972 A 20120905; EP 12831984 A 20120905; US 201214343357 A 20120905