

Title (en)

SYSTEM AND METHOD FOR CONTROLLING FLOW IN A PIPE USING A FINGER VALVE

Title (de)

SYSTEM UND VERFAHREN ZUR STEUERUNG DER STRÖMUNG IN EINEM ROHR ANHAND EINES FINGERVENTILS

Title (fr)

SYSTÈME ET PROCÉDÉ DE COMMANDE D'ÉCOULEMENT DANS UNE TIGE À L'AIDE D'UN PURGEUR DE CHAMBRE

Publication

EP 2904193 A1 20150812 (EN)

Application

EP 13766028 A 20130920

Priority

EP 2013069576 W 20130920

Abstract (en)

[origin: WO2015039696A1] Described herein is a system and method for controlling flow in a pipe using a finger valve. Specifically, the disclosure describes a finger valve comprising a base pipe and a sliding sleeve. The base pipe can comprise a finger port, one or more fingers; and one or more hinges, each of the hinges connecting one of the fingers to the base pipe. The sliding sleeve can comprise a sliding sleeve having a first sleeve with an inner surface comprising a void and a depressor. The first sleeve can be positionable in a first position and a second position. In the first position, the depressor can push the one or more fingers into a closed position. In the second position, the void can rest at least one of the one or more fingers, allowing the at least one of the one or more fingers to move into an open position.

IPC 8 full level

E21B 34/14 (2006.01); **E21B 21/10** (2006.01); **E21B 43/26** (2006.01)

CPC (source: EP US)

E21B 21/10 (2013.01 - EP); **E21B 34/14** (2013.01 - EP US); **E21B 43/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2015039696A1

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 2015039696 A1 20150326; **WO 2015039696 A8 20150604**; AU 2013395452 A1 20150409; AU 2013395452 B2 20171012; BR 112015011562 A2 20170711; BR 112015011562 B1 20210831; CA 2886420 A1 20150326; CA 2886420 C 20170321; CN 105164365 A 20151216; CN 105164365 B 20190201; EA 029960 B1 20180629; EA 201590096 A1 20160129; EP 2904193 A1 20150812; EP 2904193 B1 20190109; MX 2015000915 A 20171130

DOCDB simple family (application)

EP 2013069576 W 20130920; AU 2013395452 A 20130920; BR 112015011562 A 20130920; CA 2886420 A 20130920; CN 201380074589 A 20130920; EA 201590096 A 20130920; EP 13766028 A 20130920; MX 2015000915 A 20130920