

Title (en)

SIDE ENTRY FLOW SPOOL AND USE THEREOF

Title (de)

STRÖMUNGSSPULE MIT SEITENEINLASS UND VERWENDUNG DAVON

Title (fr)

DISTRIBUTEUR D'ÉCOULEMENT À ENTRÉE LATÉRALE ET SON UTILISATION

Publication

**EP 2912259 A4 20160615 (EN)**

Application

**EP 13852128 A 20131022**

Priority

- US 201261719719 P 20121029
- US 2013066125 W 20131022

Abstract (en)

[origin: WO2014070521A1] The invention provides a side entry flow spool for use in production of oil and gas from a well. The side entry flow spool provides for a shift in the direction of flow of the hydrocarbons, from horizontal to vertical.

IPC 8 full level

**E21B 34/06** (2006.01); **F16K 11/07** (2006.01)

CPC (source: CN EP US)

**E21B 33/038** (2013.01 - CN EP US); **E21B 33/076** (2013.01 - US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2014070521A1

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)

**WO 2014070521 A1 20140508**; AU 2013338309 A1 20150409; AU 2016259436 A1 20161208; AU 2016259436 B2 20180712; BR 112015008746 A2 20170704; CN 104755696 A 20150701; EP 2912259 A1 20150902; EP 2912259 A4 20160615; US 2015300119 A1 20151022

DOCDB simple family (application)

**US 2013066125 W 20131022**; AU 2013338309 A 20131022; AU 2016259436 A 20161118; BR 112015008746 A 20131022; CN 201380056295 A 20131022; EP 13852128 A 20131022; US 201314438822 A 20131022