

Title (en)

JET PUMP LIFT SYSTEM FOR PRODUCING HYDROCARBON FLUIDS

Title (de)

STRAHLPUMPENHUBSYSTEM ZUR ERZEUGUNG VON KOHLENWASSERSTOFFFLUIDEN

Title (fr)

SYSTÈME DE LEVAGE DE POMPE À JET POUR LA PRODUCTION DE FLUIDES HYDROCARBONÉS

Publication

EP 3309355 A1 20180418 (EN)

Application

EP 17195984 A 20171011

Priority

US 201615291250 A 20161012

Abstract (en)

A jet pump lift system for use with a tubing (110) disposed in a casing (115) includes a jet pump (120) installed in the tubing; a one way valve (160) for communicating a power fluid into the jet pump; and a safety valve (180) configured to block fluid communication through the tubing and disposed above the jet pump.

IPC 8 full level

E21B 43/12 (2006.01); **E21B 23/03** (2006.01); **E21B 34/06** (2006.01); **E21B 34/10** (2006.01)

CPC (source: EP US)

E21B 23/03 (2013.01 - EP US); **E21B 34/06** (2013.01 - EP US); **E21B 34/08** (2013.01 - US); **E21B 34/10** (2013.01 - EP US); **E21B 43/124** (2013.01 - EP US); **E21B 33/12** (2013.01 - US); **E21B 2200/05** (2020.05 - US)

Citation (applicant)

US 7228909 B2 20070612 - SCHMIDT RONALD W [US], et al

Citation (search report)

- [Y] US 2010326661 A1 20101230 - KHOMYNETS ZINOVY DMITRIEVICH [RU]
- [Y] US 2005155767 A1 20050721 - BATHO PETER F [US], et al

Cited by

WO2021133275A1

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)

EP 3309355 A1 20180418; **EP 3309355 B1 20210421**; AR 109917 A1 20190206; AU 2017245361 A1 20180426; AU 2017245361 B2 20230302; CA 2982072 A1 20180412; CA 2982072 C 20220927; MX 2017013153 A 20190527; US 2018100382 A1 20180412

DOCDB simple family (application)

EP 17195984 A 20171011; AR P170102829 A 20171010; AU 2017245361 A 20171011; CA 2982072 A 20171010; MX 2017013153 A 20171012; US 201615291250 A 20161012