

Title (en)  
METHOD OF PUMPING HYDROCARBONS

Title (de)  
VERFAHREN ZUM PUMPEN VON KOHLENWASSERSTOFFEN

Title (fr)  
PROCÉDÉ DE POMPAGE D'HYDROCARBURES

Publication  
**EP 2914807 A2 20150909 (EN)**

Application  
**EP 13798367 A 20131024**

Priority  
• GB 201219547 A 20121031  
• GB 2013052773 W 20131024

Abstract (en)  
[origin: GB2507506A] A method of pumping a hydrocarbon fluid from a wellbore includes deploying a tubing string 7 and a first pump system 15, in fluid communication with the tubing string 7, within a wellbore. The first pump system 15 is employed to generate a production fluid 3 by heating the hydrocarbon fluid as it is pumped into the tubing string 7 so as to form a counter current heat exchanger between the production fluid 3 within the tubing string and the hydrocarbon fluid 36 located within the wellbore. The method finds particular application within horizontal, high angle or vertical wells in heavy or extra heavy oil fields.

IPC 8 full level  
**E21B 43/12** (2006.01); **E21B 36/00** (2006.01); **E21B 43/30** (2006.01)

CPC (source: EP GB US)  
**E21B 36/00** (2013.01 - GB); **E21B 36/006** (2013.01 - EP US); **E21B 43/12** (2013.01 - GB); **E21B 43/128** (2013.01 - EP GB US);  
**E21B 43/305** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014068286A2

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)  
**GB 201219547 D0 20121212**; **GB 2507506 A 20140507**; **GB 2507506 B 20150610**; CA 2889791 A1 20140508; EP 2914807 A2 20150909;  
US 2015252654 A1 20150910; US 2017226830 A1 20170810; WO 2014068286 A2 20140508; WO 2014068286 A3 20141127

DOCDB simple family (application)  
**GB 201219547 A 20121031**; CA 2889791 A 20131024; EP 13798367 A 20131024; GB 2013052773 W 20131024;  
US 201314433970 A 20131024; US 201715499223 A 20170427