

Title (en)
SUBSEA PUMPING SYSTEM

Title (de)
UNTERWASSERPUMPENSYSTEM

Title (fr)
SYSTÈME DE POMPAGE SOUS-MARIN

Publication
EP 2494144 A2 20120905 (EN)

Application
EP 10771147 A 20101029

Priority
• NO 20093258 A 20091030
• EP 2010066477 W 20101029

Abstract (en)
[origin: WO2011051453A2] The invention concerns a subsea pumping system that comprises an reciprocating pump such as a membrane pump or a hose pump. The motive fluid for the pump is obtained from one of the well fluids which is pressurized in a separate stage.

IPC 8 full level
E21B 43/01 (2006.01)

CPC (source: BR EP US)
E21B 41/0007 (2013.01 - BR EP US); **E21B 43/01** (2013.01 - BR EP US); **E21B 43/36** (2013.01 - BR EP US); **F17D 1/14** (2013.01 - BR EP US)

Cited by
US11248433B2

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 2011051453 A2 20110505; WO 2011051453 A3 20111013; AU 2010311379 A1 20120517; AU 2010311379 B2 20160414;
BR 112012009946 A2 20160308; BR 112012009946 B1 20201208; DK 2494144 T3 20170130; EP 2494144 A2 20120905;
EP 2494144 B1 20161019; NO 20093258 A1 20110502; RU 2012121263 A 20131210; RU 2571466 C2 20151220; US 2012282116 A1 20121108

DOCDB simple family (application)
EP 2010066477 W 20101029; AU 2010311379 A 20101029; BR 112012009946 A 20101029; DK 10771147 T 20101029;
EP 10771147 A 20101029; NO 20093258 A 20091030; RU 2012121263 A 20101029; US 201013504931 A 20101029