

Title (en)
PRECONDITIONING FLOW TO AN ELECTRICAL SUBMERSIBLE PUMP

Title (de)
VORKONDITIONIERUNG DER STRÖMUNG ZU EINER ELEKTRISCHEN TAUCHPUMPE

Title (fr)
RECONDITIONNEMENT DE FLUX VERS UNE POMPE SUBMERSIBLE ÉLECTRIQUE

Publication
EP 3397834 A1 20181107 (EN)

Application
EP 16823412 A 20161215

Priority
• US 201514980535 A 20151228
• US 2016066843 W 20161215

Abstract (en)
[origin: US2017183948A1] A system and method of producing fluid from a wellbore by pressurizing the fluid and then directing the pressurized fluid to a centrifugal pump. Pressurizing the fluid compresses gas or vapor within the fluid, thereby decreasing the volume ratio of the gas or vapor within the fluid, which in turn increases operating efficiency of the centrifugal pump. A positive displacement pump, such as a gerotor pump, is used for pressurizing the fluid prior to sending it to the centrifugal pump.

IPC 8 full level
E21B 43/12 (2006.01); **F04B 47/00** (2006.01); **F04C 2/08** (2006.01); **F04D 9/04** (2006.01); **F04D 13/08** (2006.01)

CPC (source: EP US)
E21B 43/128 (2013.01 - EP US); **F04B 23/106** (2013.01 - EP US); **F04B 23/14** (2013.01 - EP US); **F04B 47/00** (2013.01 - EP US); **F04B 47/06** (2013.01 - EP US); **F04C 2/10** (2013.01 - EP US); **F04C 11/005** (2013.01 - EP US); **F04C 13/008** (2013.01 - EP US); **F04D 9/04** (2013.01 - EP US); **F04D 13/10** (2013.01 - EP US); **F04D 13/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2017116732A1

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)
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DOCDB simple family (application)
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