

Title (en)

WELLBORE PUMPS IN SERIES, INCLUDING DEVICE TO SEPARATE GAS FROM PRODUCED RESERVOIR FLUIDS

Title (de)

IN REIHE ANGEORDNETE BOHRLOCHPUMPEN, EINSCHLIESSLICH VORRICHTUNG ZUM TRENNEN VON GAS AUS GEFÖRDERTEN RESERVOIRFLÜSSIGKEITEN

Title (fr)

POMPES DE PUIITS DE FORAGE EN SÉRIE, COMPRENANT UN DISPOSITIF DESTINÉ À SÉPARER UN GAZ DE FLUIDES PROVENANT D'UN RÉSERVOIR

Publication

**EP 3559405 B1 20221019 (EN)**

Application

**EP 17817162 A 20171129**

Priority

- US 201662440060 P 20161229
- IB 2017057503 W 20171129

Abstract (en)

[origin: WO2018122647A1] A pump system for a wellbore includes a production tubing (12) nested within a wellbore. At least two pumps (10A, 10B, 10C) are disposed in the production tubing and are axially spaced apart from each other. One of the pumps is removable from the production tubing while the production tubing remains in place. A fluid intake conduit (22A, 22B) is disposed outside the production tubing. The fluid intake conduit is in fluid communication with an interior of the production tubing below a lower one (10B) of the pumps and at a position of an intake (22A1) of an upper one of the pumps. At least one fluid discharge conduit (24B, 24C) is disposed outside the tubing and inside the wellbore. The at least one fluid discharge conduit is in fluid communication with the interior of the production tubing proximate a discharge (24B1) of the lower one of the pumps and above the upper one (10A) of the pumps.

IPC 8 full level

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CPC (source: EP US)

**E21B 43/128** (2013.01 - EP US); **F04D 13/10** (2013.01 - US)

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DOCDB simple family (publication)

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