

Title (en)

BATTERY POWERED SUBSEA PUMPING SYSTEM

Title (de)

BATTERIEBETRIEBENES UNTERSEEISCHES PUMPSYSTEM

Title (fr)

SYSTÈME DE POMPAGE SOUS-MARIN ALIMENTÉ PAR BATTERIE

Publication

**EP 3099934 B1 20210407 (EN)**

Application

**EP 15742627 A 20150129**

Priority

- US 201461933094 P 20140129
- US 201462012030 P 20140613
- US 2015013560 W 20150129

Abstract (en)

[origin: US2015211504A1] A battery powered pumping skid system comprises a frame, comprising a battery compartment and an equipment compartment; a battery disposed within the battery compartment; a motor operatively connected to the battery and disposed within the equipment compartment; a pump operatively connected to the motor and disposed within the equipment compartment; and a motor controller operatively connected to the battery and the motor and disposed within the equipment compartment. Optionally, one or more floatation compartments with one or more floats may be provided. Powered operation may be provided to a subsea device by deploying the battery powered pumping skid system subsea, either on an as needed or longer term basis, maneuvering the battery powered pumping skid system close to a subsea device, and, once in place, using the battery powered pumping skid system to perform one or more predetermined functions with respect to the subsea device, such as supplying a fluid from the pump to the subsea device using electrical power from the battery.

IPC 8 full level

**F04B 17/03** (2006.01); **E21B 33/035** (2006.01); **F04B 17/06** (2006.01); **F04B 35/06** (2006.01)

CPC (source: EP US)

**E21B 33/0355** (2013.01 - EP US); **F04B 17/03** (2013.01 - EP US); **F04B 17/06** (2013.01 - EP US); **F04B 35/06** (2013.01 - EP US)

Cited by

US12152459B1; US12146377B1

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DOCDB simple family (publication)

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