Title (en)

INTEGRATED DISPLACEMENT CONTROLLED PUMP

Title (de)

INTEGRIERTE PUMPE MIT VERDRÄNGUNGSSTEUERUNG

Title (fr)

POMPE À COMMANDE DE CYLINDRÉE INTÉGRÉE

Publication

**EP 3149330 B1 20181017 (EN)**

Application

**EP 15729006 A 20150529**

Priority

- US 201462004931 P 20140530
- US 2015033150 W 20150529

Abstract (en)

[origin: WO2015184243A1] A pump system includes a motor, a pump, and a single shaft extending from the motor into the pump, the single shaft being configured to operate simultaneously as both a motor output shaft and a pump input shaft. A first end of the single shaft interacts with the motor, and a second end of the single shaft interacts with the pump, to configure the shaft to operate as the motor output shaft and the pump input shaft. The pump system further may include a mounting accessory configured to support the motor and the pump. The motor may be an electric motor, and the pump may be a hydraulic pump. A drive controller is configured to generate commands for controlling the electric motor, which in turn drives the pump to achieve a desired flow of hydraulic fluid.

IPC 8 full level

**F04B 17/03** (2006.01)

CPC (source: CN EP KR US)

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DOCDB simple family (publication)

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