

Title (en)

Sensor for turning a pump on or off

Title (de)

Sensor zum Ein- und/oder Ausschalten einer Pumpe

Title (fr)

Capteur destiné à allumer et/ou éteindre une pompe

Publication

EP 2108843 B1 20101020 (DE)

Application

EP 08007006 A 20080409

Priority

EP 08007006 A 20080409

Abstract (en)

[origin: EP2108843A1] The sensors (14,16) have two electrodes, an electronic circuit that has a voltage supply connected to former electrode and designed for issuing short voltage pulses for charging former electrode, and evaluating circuit. The evaluating circuit is designed such that it measures current between the electrodes during a voltage increase when the former electrode is charged or during a voltage drop when the former electrode is discharged. An independent claim is included for a pump for supplying fluids.

IPC 8 full level

F04D 15/02 (2006.01)

CPC (source: EP US)

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Cited by

DE102022132634A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2108843 A1 20091014; EP 2108843 B1 20101020; AT E485450 T1 20101115; CN 101990603 A 20110323; CN 101990603 B 20150930; DE 502008001581 D1 20101202; US 2011027104 A1 20110203; US 8610309 B2 20131217; WO 2009124635 A1 20091015

DOCDB simple family (application)

EP 08007006 A 20080409; AT 08007006 T 20080409; CN 200980112828 A 20090313; DE 502008001581 T 20080409; EP 2009001826 W 20090313; US 93693309 A 20090313