

Title (en)

FLUID TANK AND FLUID PUMP WITH EXTERIOR MOTOR

Title (de)

FLUIDTANK UND FLUIDPUMPE MIT AUSSENMOTOR

Title (fr)

RÉSERVOIR DE FLUIDE ET POMPE À FLUIDE À MOTEUR EXTERNE

Publication

EP 2448780 A2 20120509 (EN)

Application

EP 10794752 A 20100701

Priority

- US 2010040727 W 20100701
- US 82834710 A 20100701
- US 22251709 P 20090702

Abstract (en)

[origin: WO2011002970A2] A fluid tank assembly may include a fluid tank having a wall defining an internal volume in which a fluid is received and a fluid pump. The fluid pump may have a motor including an electrically driven motor, a pumping element driven to rotate by the motor, a dividing wall disposed between and separating the motor and the pumping element, and a magnetic coupling between the motor and the pumping element and operative through the dividing wall to couple the motor with the pumping element. The motor may be located outside of the internal volume of the fluid tank and the pumping element may be located inside of the internal volume of the fluid tank.

IPC 8 full level

B60K 15/077 (2006.01); **B60K 15/03** (2006.01); **F02M 37/10** (2006.01)

CPC (source: EP KR US)

B60K 15/03 (2013.01 - KR); **B60K 15/077** (2013.01 - EP KR US); **F02M 37/0076** (2013.01 - EP US); **F02M 37/08** (2013.01 - EP US);
F02M 37/10 (2013.01 - KR)

Citation (search report)

See references of WO 2011002970A2

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011002970 A2 20110106; **WO 2011002970 A3 20110421**; CN 102481841 A 20120530; EP 2448780 A2 20120509;
JP 2012532283 A 20121213; KR 20120096460 A 20120830; US 2011002798 A1 20110106

DOCDB simple family (application)

US 2010040727 W 20100701; CN 201080039177 A 20100701; EP 10794752 A 20100701; JP 2012519593 A 20100701;
KR 20127002596 A 20100701; US 82834710 A 20100702