Title (en)
PUMP USING MULTI VOLTAGE ELECTRONICS WITH RUN DRY AND OVER CURRENT PROTECTION

Title (de)
PUMPE MIT MEHRSPANNUNGSELEKTRONIK MIT TROCKENLAUF- UND ÜBERSTROMSCHUTZ

Title (fr)
POMPE UTILISANT DE L'ÉLECTRONIQUE À MULTIPLES TENSIONS AVEC PROTECTION CONTRE L'ASSÈCHEMENT ET LES SURINTENSITÉS

Publication
EP 2992212 A4 20170111 (EN)

Application
EP 14791997 A 20140430

Priority
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- US 2014036029 W 20140430

Abstract (en)
[origin: WO2014179394A1] A pump system features a power adapter and a pump having a signal processor. The power adapter includes voltage settings that respond to a voltage setting by a user and provide a selected voltage. The signal processor receives signaling containing information about the selected voltage supplied to a motor to run the pump, and also containing information about whether a current draw of the pump is lower than a predetermined low current level or is higher than a predetermined high current level; and determines whether to shut off the pump after a predetermined time, based on the signaling received.

IPC 8 full level
F04B 17/03 (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP)
F04B 17/03 (2013.01); **F04B 49/06** (2013.01); **F04B 49/065** (2013.01); F04B 2203/0202 (2013.01)

Citation (search report)
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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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2014179394 A1 20141106; AU 2014259989 A1 20151112; AU 2014259989 B2 20170629; CA 2910409 A1 20141106; CA 2910409 C 20170926; CN 105339661 A 20160217; CN 105339661 B 20190215; EP 2992212 A1 20160309; EP 2992212 A4 20170111; EP 2992212 B1 20200819; ES 2824075 T3 20210511; MX 2015015198 A 20160209; MX 351477 B 20171017

DOCDB simple family (application)
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