

Title (en)

Battery-driven pump with control device

Title (de)

Batteriebetriebene Pumpe mit einer Steuereinrichtung

Title (fr)

Pompe alimentée par batterie avec circuit de commande

Publication

EP 1455092 B1 20071205 (DE)

Application

EP 04004954 A 20040303

Priority

DE 10309995 A 20030303

Abstract (en)

[origin: EP1455092A2] A battery-driven pump (1) for watering gardens has a control (2) to adjust the power output from the battery to the pump motor (1.4,2.1). Preferably the power is adjusted continuously or in steps and pulse-width modulation is used to control the battery output.

IPC 8 full level

F04D 13/06 (2006.01); **F04B 17/03** (2006.01)

CPC (source: EP)

F04B 17/03 (2013.01); **F04D 13/068** (2013.01)

Cited by

CN112177915A; WO2019149390A1; WO2019149840A1; WO2019149841A1; WO2019149391A1; EP3746661B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1455092 A2 20040908; EP 1455092 A3 20050803; EP 1455092 B1 20071205; AT E380296 T1 20071215; DE 10309995 A1 20040916; DE 502004005635 D1 20080117

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