

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 A3 20050803 (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 1-7
F04D 13/06

IPC 8 full level
F04B 17/03 (2006.01); **F04D 13/06** (2006.01)

CPC (source: EP)
F04B 17/03 (2013.01); **F04D 13/068** (2013.01)

Citation (search report)

- [XY] WO 0067368 A1 20001109 - BOSCH GMBH ROBERT [DE], et al
- [XA] US 4836147 A 19890606 - MORRIS PETER T [US]
- [A] US 6206298 B1 20010327 - TING CHARLES [TW]
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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

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