

Title (en)

Electronic flow control of a household pump

Title (de)

Elektronische Durchflussregelung einer Haushaltspumpe

Title (fr)

Régulation électronique du débit d'une pompe ménagère

Publication

EP 0992685 A3 20010131 (DE)

Application

EP 99119759 A 19991006

Priority

- DE 19846047 A 19981007
- DE 19923350 A 19990521

Abstract (en)

[origin: EP0992685A2] The pump unit has a pump driven by an electric motor, provided with a pump chamber (8) having at least one pump input (10) and at least one pump output (11) and an integrated pump control for controlling the pump in accordance with a supplied electric, electromagnetic, optical and/or acoustic control signal, e.g. a remote-control signal. An Independent claim for a control device for a domestic pump unit is also included.

IPC 1-7

F04B 53/10; F04B 53/20; F04D 13/06; F04B 17/06

IPC 8 full level

F04B 17/03 (2006.01); **F04B 53/16** (2006.01); **F04D 13/06** (2006.01); **F04D 15/02** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)

F04B 17/03 (2013.01); **F04B 53/16** (2013.01); **F04D 13/06** (2013.01); **F04D 15/02** (2013.01); **F04D 29/426** (2013.01)

Citation (search report)

- [XY] EP 0819851 A2 19980121 - GARDENA KRESS & KASTNER GMBH [DE]
- [Y] US 5749526 A 19980512 - LAABS GARY R [US], et al
- [X] DE 2908733 A1 19800911 - GARDENA KRESS & KASTNER GMBH
- [X] EP 0639715 A1 19950222 - GRUNDFOS AS [DK]
- [X] GB 2120874 A 19831207 - GRUNDFOS AS
- [A] US 5634778 A 19970603 - LIEGEL REINALD D [US], et al
- [A] US 5381962 A 19950117 - TEAGUE JIM C [US]

Cited by

WO2008119466A1; EP1959144A3; DE102004038819A1; EP1267085A3; EP1217217A1; CN105317702A; EP2860328A1; WO2006015693A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0992685 A2 20000412; **EP 0992685 A3 20010131**

DOCDB simple family (application)

EP 99119759 A 19991006