

Title (en)

CONTROL SYSTEM FOR A PUMP, IN PARTICULAR OF A HOUSEHOLD APPLIANCE

Title (de)

STEUERUNGSSYSTEM FÜR EINE PUMPE, INSBESONDERE FÜR EIN HAUSHALTSGERÄT

Title (fr)

SYSTÈME DE COMMANDE D'UNE POMPE, NOTAMMENT D'UN APPAREIL DOMESTIQUE

Publication

EP 4067652 A1 20221005 (EN)

Application

EP 22164620 A 20220328

Priority

IT 202100007772 A 20210330

Abstract (en)

The control system (1) comprises a first sensor (12) intended for being crossed by a flow of liquid directed towards the inlet of the pump (100) and configured to output a first signal (S1) indicative of the flow of liquid. There is a second sensor (14) intended for being crossed by the flow of liquid and configured to output a second signal (S2) indicative of the flow of liquid. A control unit (16) is configured to receive the signals (S1, S2) and command the execution of at least one predefined operation as a function of the signals (S1, S2).

IPC 8 full level

F04B 17/04 (2006.01); **F04B 49/06** (2006.01); **F04B 49/10** (2006.01)

CPC (source: EP)

F04B 17/04 (2013.01); **F04B 49/06** (2013.01); **F04B 49/10** (2013.01); **F04B 49/106** (2013.01)

Citation (applicant)

- WO 2019166954 A1 20190906 - ELBI INT SPA [IT]
- WO 2019166955 A1 20190906 - ELBI INT SPA [IT]
- WO 2019166956 A1 20190906 - ELBI INT SPA [IT]
- WO 2016174569 A1 20161103 - BITRON SPA [IT]
- GEERT R. LANGEREIS: "Tap water hardness estimated by conductivity measurement to reduce detergent dosing", WOUTER OLTUIS AND PIET BERGVELD OF THE MESA RESEARCH INSTITUTE, UNIVERSITY OF TWENTE
- "Health criteria and other supporting information", vol. 2, 1996, WORLD HEALTH ORGANIZATION, article "Guidelines for drinking-water quality,"

Citation (search report)

- [I] US 2013292407 A1 20131107 - BEAVIS RUSSELL H [US], et al
- [I] WO 2013063463 A1 20130502 - DEKA PRODUCTS LP [US], et al
- [A] US 2012308409 A1 20121206 - LEVINE NOAM [IL]
- [A] IT TO990320 A1 20001022 - ELTEK SPA [IT]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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