

Title (en)

LAUNDRY CARE APPLIANCE COMPRISING A CONTROLLER

Title (de)

WÄSCHEPFLEGEGERÄT MIT EINER STEUERUNG

Title (fr)

APPAREIL DE SOIN DU LINGE COMPRENANT UN DISPOSITIF DE COMMANDE

Publication

**EP 4179137 A1 20230517 (DE)**

Application

**EP 21736585 A 20210624**

Priority

- DE 102020208729 A 20200713
- EP 2021067289 W 20210624

Abstract (en)

[origin: WO2022012890A1] The present invention relates to a laundry care appliance (100) having a flexible laundry chamber (101), which can be closed in a fluid-tight manner, for receiving laundry, a pump (111) which is fluidically connected to the laundry chamber (101), a pressure sensor (101-1) for detecting an air pressure in the laundry chamber (101) and a controller (123) for controlling the pump (111). The controller (123) is designed to activate the pump (111) in a volume detection step in order to pump away air from the laundry chamber (101) that is filled with laundry, wherein the controller (123) is designed to detect the time until an air pressure detected by the pressure sensor (101-1) has dropped inside the laundry chamber (101) from a first air pressure value to a second air pressure value, and wherein the controller (123) is designed to determine a volume of the laundry received in the laundry chamber (101) as a function of the detected time.

IPC 8 full level

**D06F 15/02** (2006.01); **D06F 33/34** (2020.01); **D06F 34/18** (2020.01); **D06F 103/04** (2020.01); **D06F 103/38** (2020.01)

CPC (source: EP)

**D06F 15/02** (2013.01); **D06F 33/34** (2020.02); **D06F 34/18** (2020.02); **D06F 2103/04** (2020.02); **D06F 2103/38** (2020.02)

Citation (search report)

See references of WO 2022012890A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102020208729 A1 20220113**; CN 116194629 A 20230530; EP 4179137 A1 20230517; WO 2022012890 A1 20220120

DOCDB simple family (application)

**DE 102020208729 A 20200713**; CN 202180061436 A 20210624; EP 2021067289 W 20210624; EP 21736585 A 20210624