

Title (en)  
LAUNDRY TREATMENT APPLIANCE COMPRISING A CONTROLLER

Title (de)  
WÄSCHEPFLEGEGERÄT MIT EINER STEUERUNG

Title (fr)  
APPAREIL DE TRAITEMENT DE LINGE COMPRENANT UN DISPOSITIF DE COMMANDE

Publication  
**EP 4022120 B1 20231213 (DE)**

Application  
**EP 20761157 A 20200810**

Priority  
• DE 102019213017 A 20190829  
• EP 2020072372 W 20200810

Abstract (en)  
[origin: WO2021037539A1] The invention relates to a method 200 for treating laundry 135 and to a laundry treatment appliance 100 which is designed to carry out the method, comprising an outer tub 105 for receiving washing fluid, a laundry drum 107 which is arranged in the outer tub 105, an oscillating system 109 for supporting the laundry drum 107 and the outer tub 105 in the laundry treatment appliance 100 in an oscillatable manner, a drum drive 123, a controller 119, and an output detection element 131 for detecting an electric output value 165 of the drum drive 123. The controller 119 is designed to activate the drum drive 123 during a detection time segment 163 of a washing time period 149 in order to rotate the laundry drum 107, wherein the output detection element 131 is designed to detect a first electric output value 165-1 of the drum drive 123 during a first detection interval 163-1 of the detection time segment 163 and to detect a second electric output value 165-2 of the drum drive 123 during a second detection interval 163-2 adjoining the first detection interval 163-1, and the controller 119 is designed to detect a non-changing laundry tunnel 137 within the laundry 135 received in the laundry drum 107 when the second electric output value 165-2 corresponds to the first electric output value 165-1.

IPC 8 full level  
**D06F 33/34** (2020.01); **D06F 33/36** (2020.01); **D06F 33/38** (2020.01); **D06F 35/00** (2006.01); **D06F 103/00** (2020.01); **D06F 103/18** (2020.01); **D06F 103/38** (2020.01); **D06F 103/44** (2020.01); **D06F 105/00** (2020.01); **D06F 105/02** (2020.01); **D06F 105/48** (2020.01)

CPC (source: EP)  
**D06F 33/34** (2020.02); **D06F 33/36** (2020.02); **D06F 33/38** (2020.02); **D06F 35/006** (2013.01); **D06F 2103/00** (2020.02); **D06F 2103/18** (2020.02); **D06F 2103/38** (2020.02); **D06F 2103/44** (2020.02); **D06F 2105/00** (2020.02); **D06F 2105/02** (2020.02); **D06F 2105/48** (2020.02)

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

DOCDB simple family (publication)  
**WO 2021037539 A1 20210304**; CN 114341418 A 20220412; DE 102019213017 A1 20210304; EP 4022120 A1 20220706; EP 4022120 B1 20231213

DOCDB simple family (application)  
**EP 2020072372 W 20200810**; CN 202080060227 A 20200810; DE 102019213017 A 20190829; EP 20761157 A 20200810