

Title (en)  
LAUNDRY APPLIANCE WITH CONTROLS

Title (de)  
WÄSCHEPFLEGEGERÄT MIT EINER STEUERUNG

Title (fr)  
APPAREIL D'ENTRETIEN DE LINGE DOTÉ D'UNE COMMANDE

Publication  
**EP 3816334 B1 20231206 (DE)**

Application  
**EP 20199499 A 20201001**

Priority  
DE 102019216697 A 20191030

Abstract (en)  
[origin: CN112746439A] The invention relates to a laundry care appliance, comprising: a lye container; a laundry drum having a plurality of protrusions; a drum driver; a weight detection device; and a control device. The control device is configured to activate the drum drive during a first operating mode in order to rotate the laundry drum at a first rotational speed when the weight of the laundry detected by the weight detection device falls below a weight limit value, the first rotational speed being smaller than a contact rotational speed of the laundry drum. The laundry contained in the laundry drum is attached to the rotating laundry drum at an attachment rotational speed. The control device is configured to activate the drum drive during a second operating mode in order to rotate the laundry drum at a second rotational speed when the weight of the laundry detected by the weight detection device exceeds the weight limit value, the second rotational speed being greater than the contact rotational speed of the laundry drum.

IPC 8 full level  
**D06F 33/46** (2020.01); **D06F 33/36** (2020.01); **D06F 103/04** (2020.01); **D06F 103/18** (2020.01); **D06F 105/48** (2020.01)

CPC (source: CN EP)  
**D06F 33/36** (2020.02 - CN); **D06F 33/46** (2020.02 - CN EP); **D06F 33/56** (2020.02 - CN); **D06F 33/72** (2020.02 - CN); **D06F 34/18** (2020.02 - CN); **D06F 33/36** (2020.02 - EP); **D06F 34/18** (2020.02 - EP); **D06F 2103/04** (2020.02 - EP); **D06F 2103/18** (2020.02 - EP); **D06F 2105/48** (2020.02 - CN EP)

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)  
**EP 3816334 A1 20210505; EP 3816334 B1 20231206**; CN 112746439 A 20210504; CN 112746439 B 20240202;  
DE 102019216697 A1 20210506; PL 3816334 T3 20240422

DOCDB simple family (application)  
**EP 20199499 A 20201001**; CN 202011161278 A 20201027; DE 102019216697 A 20191030; PL 20199499 T 20201001