

Title (en)
LAUNDRY-CARE APPLIANCE HAVING A CONTROLLER

Title (de)
WÄSCHEPFLEGEGERÄT MIT EINER STEUERUNG

Title (fr)
APPAREIL D'ENTRETIEN DU LINGE ÉQUIPÉ D'UNE COMMANDE

Publication
EP 3481986 A1 20190515 (DE)

Application
EP 17731883 A 20170621

Priority
• DE 102016212525 A 20160708
• EP 2017065235 W 20170621

Abstract (en)
[origin: WO2018007146A1] The invention relates to a laundry care appliance (100) with an inner tub (107) for receiving laundry, a drum drive (123) for rotating the inner tub (107), also comprising a torque detection device (127) for detecting torque of the inner tub (107) and a controller (121) for controlling the drum drive (123). The controller (121) is designed to control the drum drive (123) during a rotational period in order to rotate the inner tub (107) at a first rotational speed (155) when the detected torque falls below a torque threshold value (157). The controller (121) is designed to control the drum drive (123) during the rotational period in order to rotate the inner tub (107) at a second rotational speed when the detected torque exceeds a torque threshold value (157), the second rotational speed being lower than the first rotation speed (155), and the controller (121) is designed to control the second rotational speed in accordance with the detected torque of the inner tub (107) in order to prevent the laundry (109) in the inner tub (107) from being damaged.

IPC 8 full level
D06F 33/36 (2020.01)

CPC (source: EP US)
D06F 33/36 (2020.02 - EP US); **D06F 37/304** (2013.01 - EP US); **D06F 2103/04** (2020.02 - EP US); **D06F 2103/18** (2020.02 - EP US); **D06F 2103/24** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2105/48** (2020.02 - EP US)

Citation (search report)
See references of WO 2018007146A1

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)
DE 102016212525 A1 20180111; CN 109415863 A 20190301; CN 109415863 B 20210914; EP 3481986 A1 20190515; EP 3481986 B1 20200805; PL 3481986 T3 20210208; RU 2704905 C1 20191031; WO 2018007146 A1 20180111

DOCDB simple family (application)
DE 102016212525 A 20160708; CN 201780042301 A 20170621; EP 17731883 A 20170621; EP 2017065235 W 20170621; PL 17731883 T 20170621; RU 2018144710 A 20170621