

Title (en)
LAUNDRY-CARE APPLIANCE HAVING A CONTROLLER

Title (de)
WÄSCHEPFLEGEGERÄT MIT EINER STEUERUNG

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

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Abstract (en)
[origin: WO2018041590A1] The present invention relates to a laundry-care appliance (100) having a washing tub (109) for receiving washing liquid, a drain opening (111), arranged on the washing tub (109), for discharging washing liquid, wherein the drain opening (111) is fluidically connected to a drain line (113), wherein the drain line (113) is connected to a pump (119), wherein the pump (119) is configured to pump washing liquid out of the laundry-care appliance (100) through the drain opening (111) and through the drain line (113), a power detection element (127) for detecting an electrical power value of the pump (119), and having a controller (123) for controlling the pump (119). The controller (123) is configured to determine, for a first period of time (147), a washing liquid column (132) oscillating in the drain line (113) when the electrical power value detected by the power detection element (127) exceeds an electrical oscillation reference power value (157). The controller (123) is configured to reduce, for a second period of time (149) following the first period of time (147), a pumping capacity of the pump (119) to a reduced pumping capacity (151), wherein, while the pump (119) is being operated with the reduced pumping capacity (151), the electrical power value detected by the power detection element (127) drops below the electrical oscillation reference power value (157) in order to reduce the oscillation of the washing liquid column (132) in the drain line (113). The controller (123) is configured to determine, during a third period of time (153) following the second period of time (149), an inflow of washing liquid into the drain line (113) when the electrical power value detected by the power detection element (127) exceeds an electrical inflow reference power value.

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