

Title (en)
HEATING CONTROL SYSTEM FOR MULTI-TUB WASHING MACHINE

Title (de)
HEIZUNGSSTEUERUNGSSYSTEM FÜR EINE WASCHMASCHINE MIT MEHREREN BEHÄLTERN

Title (fr)
SYSTÈME DE RÉGULATION DE CHAUFFAGE DESTINÉ À UNE MACHINE À LAVER À CUVES MULTIPLES

Publication
EP 3561167 A4 20200429 (EN)

Application
EP 17884220 A 20171221

Priority
• CN 201611191689 A 20161221
• CN 2017117632 W 20171221

Abstract (en)
[origin: EP3561167A1] The relates to a heating control system of a multi-drum washing machine. The multi-drum washing machine comprises at least two sets of heating devices. The heating control system further comprises at least two detection units which are correspondingly connected with the heating devices, wherein each detection unit is used for detecting heating information of the corresponding heating device and controlling at least one other heating device to be turned on/off according to the heating information. The heating control system of the multi-drum washing machine provided by the disclosure solves the problem that it is difficult to detect heating devices in a multi-drum washing machine, thus increasing the calculation burden of a processor. The disclosure realizes real-time detection of the heating devices through simple detection circuit hardware connection on a circuit of each heating device, thus reducing the calculation burden of the processor of the multi-drum washing machine. According to the disclosure, the circuits are detected by using connection structures of circuit hardware, thereby saving cost, improving the sensitivity of the detection circuits and prolonging the service life of the processor of the multi-drum washing machine.

IPC 8 full level
D06F 33/46 (2020.01); **D06F 31/00** (2006.01); **D06F 33/30** (2020.01); **D06F 29/00** (2006.01)

CPC (source: CN EP US)
D06F 31/00 (2013.01 - EP US); **D06F 31/005** (2013.01 - CN); **D06F 33/30** (2020.02 - CN EP US); **D06F 39/04** (2013.01 - CN EP US); **D06F 34/10** (2020.02 - EP US); **D06F 34/14** (2020.02 - EP US); **D06F 2103/16** (2020.02 - EP US); **D06F 2103/52** (2020.02 - CN EP US); **D06F 2105/28** (2020.02 - CN EP US)

Citation (search report)
• [XAI] EP 2065504 A1 20090603 - LG ELECTRONICS INC [KR]
• [A] JP S63127788 A 19880531 - SHARP KK
• [A] WO 2016137181 A2 20160901 - LG ELECTRONICS INC [KR]
• [A] US 2006117491 A1 20060608 - KIM BYUNG C [KR]
• See also references of WO 2018113716A1

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 3561167 A1 20191030; EP 3561167 A4 20200429; CN 108221266 A 20180629; CN 108221266 B 20200605; US 2021277577 A1 20210909; WO 2018113716 A1 20180628

DOCDB simple family (application)
EP 17884220 A 20171221; CN 201611191689 A 20161221; CN 2017117632 W 20171221; US 201716471779 A 20171221