

Title (en)

WASHING MACHINE FAILURE DETECTION AND PROCESSING METHOD

Title (de)

ERKENNUNG EINES DEFEKTS BEI EINER WASCHMASCHINE UND VERARBEITUNGSVERFAHREN

Title (fr)

PROCÉDÉ DE TRAITEMENT ET DE DÉTECTION DE PANNE DE MACHINE À LAVER

Publication

EP 3290558 B1 20230719 (EN)

Application

EP 16785784 A 20160328

Priority

- CN 201510209110 A 20150428
- CN 2016077510 W 20160328

Abstract (en)

[origin: EP3290558A1] Disclosed is a washing machine failure detection and processing method, comprising the following steps: a PC pointer detection step: respectively detecting various processes of a washing machine; respectively detecting whether a current value of a logical register is the same as an assigned value after the running of various subroutines is ended, and if the current value is different from the assigned value, a PC pointer error occurs, and keeping a record of a current failure occurring in which running process of the washing machine according to the assigned value; and when the PC pointer error occurs, delaying t1, and continually detecting whether the current value of the logical register is the same as the assigned value, and if so, continuing to execute the subroutine, otherwise executing system resetting. In the washing machine failure detection and processing method in the present invention, and internal running error is prevented from occurring in an algorithm of a washing machine, a failure is detected by a system before being found by a user, and a corresponding security control measure is adopted, thereby guaranteeing the secure running of the washing machine.

IPC 8 full level

D06F 37/42 (2006.01); **D06F 33/47** (2020.01); **D06F 33/44** (2020.01); **D06F 33/46** (2020.01); **D06F 39/00** (2020.01); **D06F 39/08** (2006.01); **D06F 103/18** (2020.01); **D06F 105/52** (2020.01)

CPC (source: CN EP KR US)

D06F 33/00 (2013.01 - CN); **D06F 33/47** (2020.02 - CN EP KR US); **D06F 33/44** (2020.02 - CN EP KR US); **D06F 33/46** (2020.02 - CN EP KR US); **D06F 37/42** (2013.01 - CN EP KR US); **D06F 2103/18** (2020.02 - CN EP KR US); **D06F 2105/52** (2020.02 - CN EP KR US)

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 3290558 A1 20180307; **EP 3290558 A4 20190410**; **EP 3290558 B1 20230719**; **EP 3290558 C0 20230719**; CN 106149284 A 20161123; CN 106149284 B 20190426; JP 2018514306 A 20180607; JP 6697483 B2 20200520; KR 20180013898 A 20180207; US 2018135224 A1 20180517; WO 2016173353 A1 20161103

DOCDB simple family (application)

EP 16785784 A 20160328; CN 201510209110 A 20150428; CN 2016077510 W 20160328; JP 2017556666 A 20160328; KR 20177033725 A 20160328; US 201615570586 A 20160328