

Title (en)
METHOD OF SANITIZING A LAUNDRY CARE MACHINE AND RELATED LAUNDRY CARE MACHINE

Title (de)
VERFAHREN ZUR DESINFEKTION EINER WÄSCHEPFLEGEMASCHINE UND ZUGEHÖRIGE WÄSCHEPFLEGEMASCHINE

Title (fr)
PROCÉDÉ DE DÉSINFECTION D'UNE MACHINE À LAVER ET MACHINE À LAVER ASSOCIÉE

Publication
EP 3095910 A1 20161123 (EN)

Application
EP 16166413 A 20160421

Priority
CN 201510252713 A 20150518

Abstract (en)
The present invention provides a method of sanitizing a laundry care machine 1, wherein the laundry care machine 1 includes: a housing 2; a laundry feed port 3 disposed on the housing 2; a machine door 4, used to open and close the feed port 3; a tub 5 mounted inside the housing 2; a drum 6 mounted inside the tub 5 and in spatial communication with the tub 5; a motor 7, used to control rotation of the drum 6; a hot air supply apparatus 8, used to provide hot air into the tub 5; a seal ring 9 disposed between the machine door 4 and the tub 5, wherein the bottom of the seal ring 9 has a drainage channel 10 in fluid connection with the tub 5; and a control apparatus 11; wherein the method comprises: (a) upon having the drum 6 empty of laundry, controlling, by the control apparatus 11, the hot air supply apparatus 8 to provide hot air into the tub 5; and (b) controlling, by the control apparatus 11, the motor 7 so that the drum 6 rotates in a set rotation speed. The invention also relates to a laundry care machine 1 adapted for executing a process according to this method.

IPC 8 full level
D06F 35/00 (2006.01); **D06F 25/00** (2006.01); **D06F 33/30** (2020.01); **D06F 37/26** (2006.01); **D06F 34/28** (2020.01)

CPC (source: CN EP US)
D06F 33/30 (2020.02 - CN EP US); **D06F 25/00** (2013.01 - CN EP US); **D06F 34/28** (2020.02 - CN EP US); **D06F 35/008** (2013.01 - CN EP US); **D06F 37/266** (2013.01 - EP); **D06F 2103/32** (2020.02 - CN EP US); **D06F 2105/46** (2020.02 - CN EP US)

Citation (search report)
• [A] JP 2004008544 A 20040115 - MATSUSHITA ELECTRIC IND CO LTD
• [A] JP 2011045776 A 20110310 - MITSUBISHI ELECTRIC CORP, et al
• [A] DE 102008046977 A1 20090409 - LG ELECTRONICS INC [KR]
• [A] EP 2453053 A1 20120516 - ELECTROLUX HOME PROD CORP [BE]

Cited by
JP2020062333A; US11085137B2; WO2022144153A1; DE102022207952A1

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)
EP 3095910 A1 20161123; **EP 3095910 B1 20171220**; CN 106283486 A 20170104; CN 106283486 B 20200714; ES 2656394 T3 20180227; PL 3095910 T3 20180530

DOCDB simple family (application)
EP 16166413 A 20160421; CN 201510252713 A 20150518; ES 16166413 T 20160421; PL 16166413 T 20160421