

Title (en)

WASHING MACHINE WITH STEAM WASHING FUNCTION, AND CONTROL METHOD

Title (de)

WASCHMASCHINE MIT EINER DAMPFWASCHFUNKTION UND STEUERUNGSVERFAHREN

Title (fr)

MACHINE À LAVER À FONCTION DE LAVAGE À LA VAPEUR, ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication

EP 3305967 A4 20180620 (EN)

Application

EP 15893976 A 20151123

Priority

- CN 201510295303 A 20150602
- CN 2015095304 W 20151123

Abstract (en)

[origin: EP3305967A1] A washing machine with a steam washing function and a control method are provided. The washing machine includes an outer drum (1), wherein a heater (3) is arranged inside the outer drum (1); the washing machine further includes a spray thrower (4) used for spraying water to the heater (3), and the heater (3) heats and vaporizes the water sprayed onto the surface to form high-temperature steam. When the heater is provided with a spray thrower which sprays water to the heater, the heater in a heating state can rapidly heat and vaporize the sprayed water to form a large amount of steam, then the steam generated in the outer drum can be utilized to heat and wet the clothes in the inner drum, such that the washing machine has the functions of steam washing, clothes drying, sterilization and disinfection, deodorization and ironing.

IPC 8 full level

D06F 39/00 (2006.01); **D06F 39/04** (2006.01)

CPC (source: CN EP KR US)

D06F 33/70 (2020.02 - KR); **D06F 39/04** (2013.01 - KR); **D06F 39/08** (2013.01 - KR); **D06F 39/40** (2024.01 - CN EP KR US); **D06F 39/04** (2013.01 - CN EP US); **D06F 39/08** (2013.01 - CN EP US); **D06F 2103/38** (2020.02 - KR); **D06F 2105/02** (2020.02 - KR); **D06F 2105/28** (2020.02 - KR)

Citation (search report)

- [XAI] WO 2009068238 A1 20090604 - EGO ELEKTRO GERAETEBAU GMBH [DE], et al
- [A] US 2011197638 A1 20110818 - MURRELL JONATHAN [US]
- See also references of WO 2016192332A1

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 3305967 A1 20180411; **EP 3305967 A4 20180620**; CN 106283532 A 20170104; CN 106283532 B 20200501; JP 2018516137 A 20180621; JP 6617892 B2 20191211; KR 20180010271 A 20180130; US 2018171528 A1 20180621; WO 2016192332 A1 20161208

DOCDB simple family (application)

EP 15893976 A 20151123; CN 2015095304 W 20151123; CN 201510295303 A 20150602; JP 2017562658 A 20151123; KR 20177037564 A 20151123; US 201515578929 A 20151123