

Title (en)

Method for cleaning a laundry washing machine and laundry washing machine implementing the method

Title (de)

Betriebsverfahren für eine Waschmaschine und Waschmaschine mit dem Verfahren

Title (fr)

Procédé de nettoyage d'une machine à laver le linge et machine à laver appliquant ce procédé

Publication

**EP 2620536 A1 20130731 (EN)**

Application

**EP 12152299 A 20120124**

Priority

EP 12152299 A 20120124

Abstract (en)

A cleaning method for a laundry washing machine (1) is provided, wherein the washing machine (1) comprises a washing tub (3) containing a rotatable drum (4), a water inlet circuit (15) for supplying a washing liquid into said tub (3), a water outlet circuit (17) for draining washing liquid from said tub (3); the method comprises the steps of: supplying into the tub (3) a solution of water and water soluble antimicrobial polymer compound, adapted to stick to a body if a solution containing water and the antimicrobial polymer compound contacts the body; performing one or more rotations of the drum (4) and draining from the tub (3), via the water outlet circuit (17), the solution formed by water and antimicrobial polymer compound, in such a way that the solution contacts the tub (3), the drum (4) and the water outlet circuit (17), and at least part of the antimicrobial polymer compound sticks to one or more parts thereof so as to create an antibacterial layer on such one or more parts.

IPC 8 full level

**D06F 35/00** (2006.01)

CPC (source: EP US)

**D06F 35/008** (2013.01 - EP US); **D06F 39/08** (2013.01 - EP US)

Citation (applicant)

- DE 19751028 A1 19990520 - MIELE & CIE [DE]
- EP 1945848 A1 20080723 - LG ELECTRONICS INC [KR]
- WO 2006071191 A1 20060706 - APPEARTEX AB [SE], et al
- US 2007042198 A1 20070222 - SCHONEMYR LARS [SE], et al

Citation (search report)

- [Y] US 3770376 A 19731106 - SHARPE V
- [Y] US 2001010165 A1 20010802 - KUBOTA TOORU [JP], et al
- [Y] US 2007094811 A1 20070503 - SECHELMANN CHRISTIAN E [DE]
- [YD] US 2007042198 A1 20070222 - SCHONEMYR LARS [SE], et al
- [Y] WO 2007073013 A1 20070628 - LG ELECTRONICS INC [KR], et al
- [Y] DE 102006024505 B3 20070531 - MIELE & CIE [DE]
- [Y] DE 102009046454 A1 20110512 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

AU2017201528B2; US10465328B2

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 2620536 A1 20130731**; WO 2013110614 A1 20130801

DOCDB simple family (application)

**EP 12152299 A 20120124**; EP 2013051150 W 20130122