

Title (en)
Washing machine

Title (de)
Waschmaschine

Title (fr)
Lave-linge

Publication
EP 2703540 A2 20140305 (EN)

Application
EP 13181488 A 20130823

Priority
KR 20120094577 A 20120828

Abstract (en)
A drying apparatus (60) provided with a total care function with respect to a substance such as bedding, a washing machine (1) having the same, and a control method thereof may include a sterilization course (operation 500), a deodorization course (operation 718), a pest elimination course, a dust elimination course (operation 1200), and a refreshing course (operation 1514), and may be capable of performing each total care function in an independent manner. By changing a rotation speed of the drum according to the type and the weight of the bedding, the damage of the substance at each of the total care courses is reduced while obtaining optimal effects. By providing a standard course having all the total care functions, the manipulation efficiency is enhanced for a user who is not familiar with the manipulation of the courses and also for a user who is not in favor of the individual manipulation of the courses.

IPC 8 full level
D06F 39/00 (2006.01); **D06F 33/02** (2006.01); **D06F 35/00** (2006.01); **D06F 39/02** (2006.01); **D06F 58/20** (2006.01); **D06F 58/28** (2006.01)

CPC (source: CN EP KR US)
D06F 29/005 (2013.01 - US); **D06F 33/65** (2020.02 - CN EP US); **D06F 34/18** (2020.02 - KR); **D06F 34/28** (2020.02 - KR); **D06F 35/00** (2013.01 - CN EP US); **D06F 37/04** (2013.01 - KR); **D06F 39/04** (2013.01 - KR); **D06F 58/26** (2013.01 - KR); **D06F 25/00** (2013.01 - CN EP US); **D06F 34/28** (2020.02 - CN EP US); **D06F 58/203** (2013.01 - CN EP US); **D06F 2101/04** (2020.02 - CN EP US); **D06F 2101/20** (2020.02 - CN EP US); **D06F 2103/04** (2020.02 - CN EP KR US); **D06F 2103/10** (2020.02 - CN EP US); **D06F 2103/32** (2020.02 - CN EP US); **D06F 2103/34** (2020.02 - CN); **D06F 2103/36** (2020.02 - CN); **D06F 2103/44** (2020.02 - CN); **D06F 2103/54** (2020.02 - KR); **D06F 2105/20** (2020.02 - CN EP US); **D06F 2105/24** (2020.02 - CN EP US); **D06F 2105/28** (2020.02 - CN EP US); **D06F 2105/30** (2020.02 - CN EP US); **D06F 2105/46** (2020.02 - CN); **D06F 2105/48** (2020.02 - CN EP US); **D06F 2105/58** (2020.02 - CN EP US)

Cited by
EP3623520A1; DE102014224728B3; CN110117887A; CN110117885A; CN110124415A; WO2016087074A1; WO2022025847A1

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

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EP 2703540 A2 20140305; EP 2703540 A3 20180110; EP 2703540 B1 20190529; AU 2013309772 A1 20150205; AU 2013309772 B2 20160428; BR 112015004048 A2 20170704; CA 2882047 A1 20140306; CN 103820981 A 20140528; KR 20140028406 A 20140310; MX 2015002148 A 20150512; RU 2590833 C1 20160710; US 2014059881 A1 20140306; WO 2014035071 A1 20140306

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EP 13181488 A 20130823; AU 2013309772 A 20130805; BR 112015004048 A 20130805; CA 2882047 A 20130805; CN 201310381819 A 20130828; KR 20120094577 A 20120828; KR 2013007021 W 20130805; MX 2015002148 A 20130805; RU 2015106720 A 20130805; US 201313974486 A 20130823