

Title (en)

Washing machine detecting condensed water temperature and drying control method of the same

Title (de)

Waschmaschine, welche die Kondenswassertemperatur erkennt und Trocknungssteuerverfahren dafür

Title (fr)

Procédé de détection de température d'eau condensée par une machine à laver et son procédé de contrôle du séchage

Publication

EP 1967633 A3 20091230 (EN)

Application

EP 07123822 A 20071220

Priority

KR 20070022211 A 20070306

Abstract (en)

[origin: EP1967633A2] Disclosed herein are a washing machine with a drying unit (40) and a drying control method of the same that is capable of controlling a drying time based on a temperature of condensed water used during a drying operation to accomplish optimum drying efficiency. The drying control method includes detecting the temperature of condensed water supplied during drying the laundry, setting the drying time based on the detected temperature of the condensed water, and operating the drying unit according to the set drying time to perform a drying operation.

IPC 8 full level

D06F 25/00 (2006.01); **D06F 33/02** (2006.01); **D06F 58/28** (2006.01); **D06F 58/46** (2020.01); **D06F 58/38** (2020.01)

CPC (source: EP KR US)

D06F 58/46 (2020.02 - EP KR US); **D06F 25/00** (2013.01 - EP KR US); **D06F 58/38** (2020.02 - EP KR US); **D06F 2103/02** (2020.02 - EP US); **D06F 2103/04** (2020.02 - EP KR US); **D06F 2103/08** (2020.02 - EP KR US); **D06F 2103/38** (2020.02 - EP KR US); **D06F 2103/58** (2020.02 - EP KR US); **D06F 2105/36** (2020.02 - EP KR US); **D06F 2105/56** (2020.02 - EP KR US)

Citation (search report)

- [X] EP 0829569 A2 19980318 - TOSHIBA KK [JP]
- [X] EP 1657341 A2 20060517 - LG ELECTRONICS INC [KR]
- [X] EP 1698722 A1 20060906 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by

CN104805664A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1967633 A2 20080910; **EP 1967633 A3 20091230**; **EP 1967633 B1 20140305**; KR 101366561 B1 20140225; KR 20080081755 A 20080910; US 2008216517 A1 20080911

DOCDB simple family (application)

EP 07123822 A 20071220; KR 20070022211 A 20070306; US 33307 A 20071211