

Title (en)

FAR-INFRARED HEATING CLOTHES DRYING MACHINE AND CONTROLLING MEANS FOR DRYING CLOTHES THEREOF

Title (de)

WÄSCHETROCKNUNGSMASCHINE MIT FERNINFRAROTERWÄRMUNG UND STEUERUNGSMITTEL ZUM TROCKNEN VON WÄSCHE DAFÜR

Title (fr)

MACHINE A SECHER LE LINGE A CHAUFFAGE PAR INFRAROUGE LOINTAIN ET MOYEN DE COMMANDE POUR LE SECHAGE DE LINGE

Publication

**EP 3184690 B1 20190327 (EN)**

Application

**EP 14900175 A 20141117**

Priority

- CN 201410408773 A 20140819
- CN 2014091312 W 20141117

Abstract (en)

[origin: EP3184690A1] Provided are a clothes dryer using far-infrared heating and a clothes-drying control method thereof. The clothes dryer using far-infrared heating includes a clothes-drying drum, and further includes at least one far-infrared heater (1), a humidity sensor (6) for detecting exhaust humidity of the clothes-drying drum, a relay (3) and a controller (2) having an output end connected with the relay (3); where all the far-infrared heaters (1) are connected with a power supply (4) through the relay (3); a first temperature sensor (5) is mounted inside one of the far-infrared heaters (1); the first temperature sensor (5) and the humidity sensor (6) are connected with an input end of the controller (2); and the controller (2) controls on and off of the relay (3) according to a received temperature signal or humidity signal. A control system described above simplifies a circuit, and also saves cost.

IPC 8 full level

**D06F 58/00** (2006.01); **D06F 58/26** (2006.01); **D06F 58/28** (2006.01)

CPC (source: EP KR US)

**D06F 58/26** (2013.01 - EP KR US); **D06F 34/08** (2020.02 - EP KR US); **D06F 58/38** (2020.02 - EP KR US); **D06F 2103/08** (2020.02 - EP KR US); **D06F 2103/12** (2020.02 - KR US); **D06F 2103/32** (2020.02 - EP KR US); **D06F 2103/34** (2020.02 - EP KR US); **D06F 2103/52** (2020.02 - EP KR US); **D06F 2103/64** (2020.02 - EP KR US); **D06F 2105/28** (2020.02 - EP KR US)

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

DOCDB simple family (publication)

**EP 3184690 A1 20170628**; **EP 3184690 A4 20180314**; **EP 3184690 B1 20190327**; CN 105350272 A 20160224; CN 105350272 B 20191105; JP 2017525480 A 20170907; KR 20170042767 A 20170419; US 2017241067 A1 20170824; WO 2016026227 A1 20160225

DOCDB simple family (application)

**EP 14900175 A 20141117**; CN 2014091312 W 20141117; CN 201410408773 A 20140819; JP 2017510585 A 20141117; KR 20177007411 A 20141117; US 201415503489 A 20141117