

Title (en)

A CONTROL METHOD FOR DRYING MACHINES

Title (de)

STEUERUNGSVERFAHREN FÜR TROCKNUNGSMASCHINEN

Title (fr)

PROCÉDÉ DE COMMANDE POUR MACHINES DE SÉCHAGE

Publication

**EP 3741909 A1 20201125 (EN)**

Application

**EP 20175633 A 20200520**

Priority

TR 201907847 A 20190523

Abstract (en)

A control method suitable for use in a drying machine which comprises the drum; the heater; the first measurement unit; the second measurement unit; the filter; the warning unit; and the control unit; the method comprising the steps of: measuring a temperature periodically by the first measurement unit and the second measurement unit throughout the drying program; comparing, by the control unit, the temperature measured by the first measurement unit with the first threshold value; if the temperature value is below the first threshold value, returning to the previous step; if the temperature value is equal to or above the first threshold value, turning off the heater by the control unit and at the end of the first time period, comparing the temperature value with the first threshold value; if the temperature value is below the first threshold value, comparing the temperature values with the second threshold value; continuing the program such that the heater is turned off and the motor is in operation until the temperature value decreases below the second threshold value; when the temperature value decreases below the second threshold value, resuming on the program; if the temperature value is equal to or above the first threshold value, detecting whether the temperature values measured by the second measurement unit have decreased or not; if they decrease, proceeding to the finishing mode and giving the motor error warning; if not, returning to the step of continuing the program such that the heater is turned off and the motor is in operation.

IPC 8 full level

**D06F 58/50** (2020.01); **D06F 58/22** (2006.01); **D06F 58/26** (2006.01); **D06F 103/00** (2020.01); **D06F 103/32** (2020.01); **D06F 105/28** (2020.01); **D06F 105/58** (2020.01); **D06F 105/60** (2020.01)

CPC (source: EP)

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Citation (applicant)

US 4622759 A 19861118 - ABE SYUZI [JP], et al

Citation (search report)

- [A] US 2008072450 A1 20080327 - KIM YANG-HWAN [KR], et al
- [A] US 2008148597 A1 20080626 - KIM YANG-HWAN [KR], et al
- [A] EP 3299512 A1 20180328 - LG ELECTRONICS INC [KR]

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 3741909 A1 20201125**; **EP 3741909 B1 20220302**; TR 201907847 A2 20201221

DOCDB simple family (application)

**EP 20175633 A 20200520**; TR 201907847 A 20190523