

Title (en)

Laundry drying machine and control method thereof

Title (de)

Wäschetrocknermaschine und Steuerungsverfahren dafür

Title (fr)

Machine de séchage du linge et procédé de commande correspondant

Publication

EP 2604751 A1 20130619 (EN)

Application

EP 11193387 A 20111214

Priority

EP 11193387 A 20111214

Abstract (en)

Laundry drying machine (1) comprising a rotatable laundry drum (3) which is designed to rotate about an longitudinal axis (6), an electric motor (9), which is mechanically connected with the rotatable laundry drum (3) for rotating said rotatable laundry drum (3) about its longitudinal axis (6); hot-air generator (11) configured to supply a heated airflow to the drum (3) during a drying cycle; an electronic control system (16) configured for: providing a signal (S) indicative of a torque (TE) that said electric motor (9) provides to the rotatable laundry drum (3) during the drying cycle; comparing the sensed signal (S) with a prefixed comparison signal value (THR) associated to a determined laundry moisture corresponding to a desired final moisture (DLM); and stopping the drying cycle based on the outcome of such comparison.

IPC 8 full level

D06F 58/28 (2006.01); **D06F 58/38** (2020.01); **D06F 34/08** (2020.01)

CPC (source: EP US)

D06F 58/38 (2020.02 - EP US); **D06F 34/08** (2020.02 - EP US); **D06F 2103/08** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2103/46** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US); **D06F 2105/52** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Citation (search report)

- [X] EP 0436375 A2 19910710 - WHIRLPOOL CO [US]
- [X] US 4481786 A 19841113 - BASHARK LARRY T [US]
- [A] EP 0143685 A1 19850605 - ESSWEIN SA [FR]
- [A] EP 1609901 A1 20051228 - ELECTROLUX HOME PROD CORP [BE]

Cited by

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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)

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DOCDB simple family (application)

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