

Title (en)

System to determine the duration of a drying cycle in a rotatable-drum laundry dryer

Title (de)

System zur Bestimmung der Dauer eines Trocknungszyklus in einem Wäschetrockner mit Drehtrommel

Title (fr)

Système permettant de déterminer la durée d'un cycle de séchage dans un sèche-linge à tambour rotatif

Publication

**EP 2599913 A1 20130605 (EN)**

Application

**EP 11191247 A 20111130**

Priority

EP 11191247 A 20111130

Abstract (en)

Electronic control system (12) configured to calculate an estimated duration (TDE) of a drying cycle performed by a rotatable-drum drier (1) comprising a casing (2) and a rotatable drum (3) structured for housing the laundry to be dried and is fixed in axially rotating manner inside the casing (2); the system being further configured to measure at least a parameter in said rotatable-drum drier, which is indicative of the moment of inertia (JE) of the laundry loaded in the drum (3); and estimate the duration of a drying cycle (TDE) based on the calculated moment of inertia of the laundry loaded in the drum (3).

IPC 8 full level

**D06F 58/46** (2020.01); **D06F 34/28** (2020.01); **D06F 58/38** (2020.01)

CPC (source: EP US)

**D06F 58/46** (2020.02 - EP US); **D06F 34/28** (2020.02 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 2103/02** (2020.02 - EP US); **D06F 2103/04** (2020.02 - EP US); **D06F 2103/08** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2103/38** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US); **D06F 2105/46** (2020.02 - EP US); **D06F 2105/56** (2020.02 - EP US); **D06F 2105/58** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Citation (applicant)

EP 2107151 A1 20091007 - ELECTROLUX HOME PROD CORP [BE]

Citation (search report)

- [X] EP 2221412 A1 20100825 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 4741182 A 19880503 - DIDIER LAURENT [FR], et al
- [A] US 5507055 A 19960416 - BLAUERT PETER [DE], et al
- [A] EP 1512785 A1 20050309 - LG ELECTRONICS INC [KR]

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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