

Title (en)

System and method to estimate a laundry-load in a rotatable-drum laundry drying machine

Title (de)

System und Verfahren zur Bewertung einer Wäscheladung in einem Drehtrommel-Trockner

Title (fr)

Système et procédé pour estimer la charge de linge dans un sèche-linge à tambour rotatif

Publication

EP 2610401 A1 20130703 (EN)

Application

EP 11195942 A 20111228

Priority

EP 11195942 A 20111228

Abstract (en)

Laundry drying machine (1) comprising a rotatable laundry drum (3) designed to rotate about an axis of rotation (6), an electric motor (9) which is mechanically connected with the rotatable laundry drum (3) for rotating said rotatable laundry drum (3) about its axis of rotation (6); hot-air generator means (11) configured to supply a heated airflow to the drum (3) during a drying cycle; and an electronic control system (16) configured to provide a sensed signal (S1) which is indicative of a torque that said electric motor (9) provides to the rotatable laundry drum (3); determine the value of a parameter (#S1, TIME) that is indicative of variation of the sensed signal (S1) in time, and estimate the laundry-load contained within said chamber (4) based on said determined value of said parameter (#S1, TIME).

IPC 8 full level

D06F 33/30 (2020.01)

CPC (source: EP US)

D06F 25/00 (2013.01 - EP US); **D06F 33/30** (2020.02 - EP US); **D06F 2103/00** (2020.02 - EP US); **D06F 2105/00** (2020.02 - EP US)

Citation (search report)

- [X] EP 2221412 A1 20100825 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 1561851 A1 20050810 - SANYO ELECTRIC WORKS [JP]

Cited by

AU2016393737B2; US10087570B2; US10988883B2; WO2017144085A1

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 2610401 A1 20130703; EP 2610401 B1 20200429

DOCDB simple family (application)

EP 11195942 A 20111228