

Title (en)  
Laundry drying machine and control method thereof

Title (de)  
Wäschetrockner und Steuerverfahren dafür

Title (fr)  
Sèche-linge et son procédé de contrôle

Publication  
**EP 2610388 B1 20160316 (EN)**

Application  
**EP 11195787 A 20111227**

Priority  
EP 11195787 A 20111227

Abstract (en)  
[origin: EP2610388A1] Laundry drying machine (1) comprising a rotatable laundry drum (3), an electric motor (9) for rotating said rotatable laundry drum (3) about its axis of rotation (6), hot air generator means (11) configured to supply a drying airflow to the drum (3) during a drying cycle, an electronic control system (16) configured to: provide a signal (S) indicative of torque (TE) that said electric motor (9) provides to the rotatable laundry drum (3), sense the inside-temperature (T W ) of the drying airflow inside the drum (3), sense the output-temperature (T OUT ) of the airflow which flows out from the rotatable drum 3, determine a comparison threshold (THC) based on the sensed signal (S), determine a temperature-difference (#T) between the sensed output-temperature (T OUT ) and the sensed inside-temperature (T W ), compare the determined temperature-difference (#T) with the determined comparison threshold (THC) and stop the drying cycle according to the result of the comparison.

IPC 8 full level  
**D06F 34/08** (2020.01); **D06F 58/38** (2020.01)

CPC (source: EP US)  
**D06F 34/08** (2020.02 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 2103/24** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Cited by  
EP2927367A1; EP3597815A1; US10087570B2; US10995449B2

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 2610388 A1 20130703; EP 2610388 B1 20160316**

DOCDB simple family (application)  
**EP 11195787 A 20111227**