

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 A1 20130703 (EN)

Application
EP 11195787 A 20111227

Priority
EP 11195787 A 20111227

Abstract (en)
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)

Citation (search report)
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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)
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