

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
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