

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)  
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Designated extension state (EPC)  
BA ME

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