

Title (en)
Clothes tumble dryer and method for controlling the same

Title (de)
Wäschetrommeltrockner und Verfahren zur Steuerung desselben

Title (fr)
Sèche-linge à tambour et procédé pour contrôler celui-ci

Publication
EP 1790769 A1 20070530 (EN)

Application
EP 05111172 A 20051123

Priority
EP 05111172 A 20051123

Abstract (en)
A condenser-type clothes tumble dryer comprising temperature sensor means (5, 6) to detect a temperature difference value between the drying air entering the condenser (4) and the drying air exiting the condenser (4), humidity sensor means (5) to detect a humidity value of the drying air entering the condenser, control means coupled to said humidity sensor means (5), memory means for storing a threshold temperature-difference value (#T TH) and a threshold relative-humidity value (RH inTH), which are representative of a pre-determined dryness degree of the load and depend on the particular drying cycle selected by the user, the control means are further adapted to compare said values for switching off said heating means (3) when at least said temperature difference value (#T) reaches up to said threshold temperature-difference value (#T TH) or at least said relative humidity value (RH in) reaches down to said threshold relative-humidity value (RH inTH).

IPC 8 full level
D06F 58/24 (2006.01); **D06F 58/38** (2020.01)

CPC (source: EP US)
D06F 58/38 (2020.02 - EP US); **D06F 58/24** (2013.01 - EP US); **D06F 2101/20** (2020.02 - EP US); **D06F 2103/08** (2020.02 - EP US); **D06F 2103/32** (2020.02 - EP US); **D06F 2103/34** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US)

Citation (search report)
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• [Y] EP 1420104 A1 20040519 - CANDY SPA [IT]
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EP 1790769 A1 20070530; EP 1790769 B1 20100414; AT E464426 T1 20100415; DE 602005020651 D1 20100527; ES 2343011 T3 20100721; PL 1790769 T3 20100930; WO 2007059858 A1 20070531

DOCDB simple family (application)
EP 05111172 A 20051123; AT 05111172 T 20051123; DE 602005020651 T 20051123; EP 2006010628 W 20061107; ES 05111172 T 20051123; PL 05111172 T 20051123