

Title (en)

Laundry dryer with temperature-controlled supplementary compartment and method for drying in this compartment

Title (de)

Wäschetrockner mit einem temperaturgesteuerten zusätzlichen Trocknungsschrank und Verfahren zur Trocknung in diesem Trocknungsschrank

Title (fr)

Sèche-linge avec compartiment supplémentaire à température contrôlée et procédé pour sécher dans ce compartiment

Publication

**EP 1990464 A1 20081112 (EN)**

Application

**EP 07425268 A 20070509**

Priority

EP 07425268 A 20070509

Abstract (en)

Laundry drying machine (M) in which a flow of drying air is made to circulate in a closed path (2) which comprises an electric fan (5) for moving the said flow, a drum (1) containing the washing to be dried with a corresponding loading door in the closed position, a battery (6) of heaters for heating the flow of air, a condenser (4) for removing from the flow the moisture absorbed in its passage through the washing placed in the drum (1), and in which a flow of cooling air for the condenser (4) is guided in a passage (7) which has a first opening (8) for the intake of the air and a second opening (11) for discharge, both openings being in communication with the environment outside the drying machine, and which has a portion (7a) which passes through the said condenser (4), means (9) for controlling the rate of flow into the passage (7), and electric fan means (10) for generating and propagating the flow in the said passage (7), the said laundry drying machine (M) including at least one supplementary drying compartment (S), which is provided with a passage (13) connecting its interior with a point on the path (2) of the moist air flow from the drum (1) positioned upstream of the said condenser (4), the said passage being provided with valve means (14) for shutting off the flow.

IPC 8 full level

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CPC (source: EP US)

**D06F 58/10** (2013.01 - EP US); **D06F 58/20** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US); **D06F 73/02** (2013.01 - EP);  
**D06F 34/26** (2020.02 - EP US)

Citation (search report)

- [A] US 2006137206 A1 20060629 - LEE DEUG H [KR], et al
- [A] EP 1146161 A1 20011017 - WHIRLPOOL CO [US]
- [A] EP 1541744 A1 20050615 - ELECTROLUX HOME PROD CORP [BE]

Cited by

EP2511414A1; CN112696972A; EP2511415A1; WO2020034487A1

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