

Title (en)

A household appliance with drying function

Title (de)

Haushaltsgerät mit Trocknungsfunktion

Title (fr)

Appareil domestique doté d'une fonctionnalité de séchage

Publication

EP 2420612 A1 20120222 (EN)

Application

EP 11175557 A 20110727

Priority

TR 201006967 A 20100820

Abstract (en)

Household appliance with drying function (G), developed by the present invention, comprises at least one drum (1); a drying system comprising at least one condenser (2), at least one air blower (3) and at least one heater (4); at least one air canal (5b) wherein part of the air, which moves out condensed from the condenser (2) and is diverted to the heater (4) by means of the air blower (3), returns to the condenser (2) inlet. Lightly humid, saturated and cool air moving out from the condenser (2) is diverted, through said air canal (5b), to the condenser (2) inlet where it mixes with the humid and hot air coming from the drum (1). In this way, it is ensured that the hot and humid air coming from the drum (1) cools and condenses more efficiently in the condenser (2).

IPC 8 full level

D06F 58/24 (2006.01)

CPC (source: EP US)

D06F 58/24 (2013.01 - EP US)

Citation (applicant)

- WO 2010006081 A1 20100114 - CHIARO TECHNOLOGIES INC [US], et al
- WO 2007023510 A1 20070301 - RENZACCI SPA [IT], et al

Citation (search report)

- [Y] US 2006179681 A1 20060817 - TAMURA TOMOICHIRO [JP], et al
- [Y] EP 0163265 A2 19851204 - MIELE & CIE
- [A] US 6434857 B1 20020820 - ANDERSON ROBERT DAVID [US], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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