

Title (en)

CLOTHES DRYING EQUIPMENT AIR DUCT STRUCTURE AND CLOTHES DRYING EQUIPMENT

Title (de)

LUFTKANALSTRUKTUR FÜR KLEIDERTROCKNER UND KLEIDERTROCKNER

Title (fr)

STRUCTURE DE CONDUITE D'AIR D'ÉQUIPEMENT DE SÉCHAGE DE VÊTEMENTS ET ÉQUIPEMENT DE SÉCHAGE DE VÊTEMENTS

Publication

**EP 3604664 A4 20201202 (EN)**

Application

**EP 18776368 A 20180323**

Priority

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- CN 2018080165 W 20180323

Abstract (en)

[origin: EP3604664A1] An air duct structure of a clothes drying apparatus includes a hollow air duct between a heating device and an air inlet, and an air guiding structure arranged in the hollow air duct. An original hot air flow heated by the heating device is divided by the air guiding structure into two split hot air flows. A first split hot air flow is guided and accelerated by the first bypass duct, and a second split hot air flow is guided and decelerated by the second bypass duct, and the accelerated split hot air flow and the decelerated split hot air flow are converged at the air inlet to form a turbulent hot air flow.

IPC 8 full level

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CPC (source: CN EP US)

**D06F 58/20** (2013.01 - CN EP US); **D06F 58/26** (2013.01 - CN EP US)

Citation (search report)

- [XA] EP 2628845 A1 20130821 - ELECTROLUX HOME PROD CORP [BE]
- [XA] CN 205775468 U 20161207 - WUXI LITTLE SWAN CO LTD
- [A] DE 19644711 A1 19980430 - AEG HAUSGERAETE GMBH [DE]
- [A] US 2016160427 A1 20160609 - LEE YONGJU [KR], et al
- See references of WO 2018177204A1

Designated contracting state (EPC)

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