

Title (en)

HEAT EXCHANGE APPARATUS AND LAUNDRY DRYING APPLIANCE HAVING HEAT EXCHANGE APPARATUS

Title (de)

WÄRMEAUSTAUSCHVORRICHTUNG UND WÄSCHETROCKNUNGSGERÄT MIT WÄRMEAUSTAUSCHVORRICHTUNG

Title (fr)

APPAREIL D'ÉCHANGE THERMIQUE ET APPAREIL DE SÉCHAGE DE LINGE DOTÉ D'UN APPAREIL D'ÉCHANGE THERMIQUE

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Application

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Abstract (en)

A heat exchange apparatus of a laundry drying appliance includes a tiled pipe (160,260) in which a fluid passage is formed, the pipe (160,260) having an inlet (161) and an outlet (162), thereby forming a fluid passage (11,110) for flowing of a cooling medium in the pipe (160,260), where the pipe (160,260) is made of metal or a material whose thermal conductivity is not inferior to metal. A periphery of the pipe (160,260) can contact process air, so a heat exchange area is large, and heat exchange efficiency is relatively high. The present invention further discloses a laundry drying appliance having the heat exchange apparatus.

IPC 8 full level

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CPC (source: CN EP)

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Citation (applicant)

- CN 105463804 A 20160406 - BSH ELECTRICAL APPLIANCES JIANGSU CO LTD , et al
- US 6279357 B1 20010828 - DIDLICK LAURENCE P [GB], et al

Citation (search report)

- [XY] EP 3330432 A1 20180606 - BSH HAUSGERAETE GMBH [DE]
- [Y] US 3922798 A 19751202 - MCMILLAN STEPHEN L
- [Y] US 2018094376 A1 20180405 - KITAYAMA NAOKI [JP]
- [Y] CN 105200748 A 20151230 - WUXI LITTLE SWAN CO LTD

Designated contracting state (EPC)

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