

Title (en)
HEAT DISSIPATION ASSEMBLY AND REFRIGERATION DEVICE

Title (de)
WÄRMEABLEITUNGSANORDNUNG UND KÜHLVORRICHTUNG

Title (fr)
ENSEMBLE DE DISSIPATION DE CHALEUR ET DISPOSITIF DE RÉFRIGÉRATION

Publication
EP 3462111 A4 20190828 (EN)

Application
EP 17896728 A 20170428

Priority
• CN 201710080370 A 20170215
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Abstract (en)
[origin: EP3462111A1] Provided in the disclosure are a heat dissipation assembly and a refrigeration device. The heat dissipation assembly comprises: a base plate, having a fan arranged on one side thereof, and having a condenser arranged on the base plate; at least one fastener, arranged on the upper surface of the base plate and facing the condenser; and at least one first wind shield, arranged on the lower surface of the base plate. The heat dissipation assembly enable most of air in an airflow formed by the fan to flow through the condenser on the base plate and take away heat, air flowing through the lower portion of the base plate can be reduced by providing the at least one first wind shield on the lower surface of the base plate, so that the air flow, flow velocity loss, resistance, noise of the airflow in the flowing process are reduced; the utilization efficiency of the fan air volume is improved; the heat dissipation area of the condenser is increased; the heat dissipation and heat exchange capacities of the condenser are improved; the supercooling degree of a refrigerant at an outlet of the condenser is increased; the refrigeration effect is improved. The utilization efficiency of the fan air volume is improved, the heat dissipation area of the condenser is increased, the heat dissipation and heat exchange capacities of the condenser are improved, the supercooling degree of a refrigerant at an outlet of the condenser is increased, the refrigeration effect is improved.

IPC 8 full level
F25D 23/00 (2006.01)

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Citation (search report)
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• [XY] JP H06288670 A 19941018 - TOSHIBA CORP
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• [X] US 2003079491 A1 20030501 - WANG ZHIJING [US], et al
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CN113819668A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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