

Title (en)
REFRIGERATION DEVICE

Title (de)
KÜHLVORRICHTUNG

Title (fr)
DISPOSITIF DE RÉFRIGÉRATION

Publication
EP 4083548 A1 20221102 (EN)

Application
EP 22168833 A 20220419

Priority
CN 202110453233 A 20210426

Abstract (en)
A refrigeration device (100) is provided, including: a machine compartment (2), where a compressor (3), a condenser (4), and a fan (5) are disposed in the machine compartment (2); and the machine compartment (2) includes a bottom wall (6), a rear wall (7), and a first side wall (8) and a second side wall (9) disposed opposite to each other, where in the first side wall (8) and the second side wall (9), the condenser (4) is closer to the first side wall (8) than the compressor (3), and the compressor (3) is closer to the second side wall (9) than the condenser (4); and a first weather strip (10) connected to the bottom wall (6), where the first weather strip (10) extends in a front-rear direction, and the bottom wall (6) includes a first bottom wall portion (61) located between the first side wall (8) and the first weather strip (10) and a second bottom wall portion (62) located between the second side wall (9) and the first weather strip (10); the rear wall (7) includes a first rear wall portion (71) corresponding to the first bottom wall portion (61) and a second rear wall portion (72) corresponding to the second bottom wall portion (62); and at least one of the first side wall (8) and the first rear wall portion (71) is provided with an air inlet (11) used for guiding external air into the machine compartment (2), and the second bottom wall portion (62) is provided with an air outlet (12) used for discharging the air of the machine compartment (2). With the above layout, a better heat dissipation effect and higher operating efficiency are provided for the compressor.

IPC 8 full level
F25D 23/00 (2006.01)

CPC (source: CN EP)
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Citation (search report)
• [X] CN 110375507 A 20191025 - QINGDAO HAIER CO LTD
• [A] JP H08189747 A 19960723 - MATSUSHITA REFRIGERATION
• [A] US 2114200 A 19380412 - WOODRUFF HENRY S

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)
BA ME

Designated validation state (EPC)
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DOCDB simple family (publication)
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