

Title (en)
REFRIGERATOR

Title (de)
KÜHLVORRICHTUNG

Title (fr)
REFRIGERATEUR

Publication
EP 1669706 A4 20110427 (EN)

Application
EP 04772543 A 20040825

Priority

- JP 2004012587 W 20040825
- JP 2003301550 A 20030826
- JP 2003330754 A 20030922

Abstract (en)
[origin: EP1669706A1] A refrigerator stated is characterized in that it includes a machine room (14) formed on a lower part of a rear of a main body of the refrigerator; a refrigerant compressor (12) installed offset to one side in the machine room (14) in a width direction; and a cooler (9) for receiving a refrigerant from the refrigerant compressor (12) and cooling an inside of a storage chamber; wherein the cooler (9) is arranged inside the refrigerator via a heat insulating wall (3a) of the main body above the refrigerant compressor (12) arranged on one side of the machine room (14) and at a position on an opposite side of the refrigerant compressor (12) in a width direction; and control and power source boards (21) of the refrigerator are arranged in another wide space of the refrigerant compressor (12) in the machine room (14) in a width direction. As described above, a refrigerator is provided which, by changing the position relationship and structure of the cooler (9), the refrigerant compressor (12), and the control and power source boards (21), can reduce the thermal loss of the cooler (9), improve the heat insulation efficiency, and increase the heat radiation efficiency of the machine room (14) and a condenser (13), and thereby can obtain a power conservation effect.

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Citation (search report)

- [I] EP 1164342 A1 20011219 - MATSUSHITA REFRIGERATION [JP]
- See references of WO 2005019748A1

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