

Title (en)
AIR-CONDITIONING DEVICE

Title (de)
KLIMATISIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CONDITIONNEMENT D'AIR

Publication
EP 3401609 B1 20220622 (EN)

Application
EP 16883640 A 20160108

Priority
JP 2016050578 W 20160108

Abstract (en)
[origin: EP3401609A1] Provided is an air-conditioning apparatus capable of reducing an amount of refrigerant being used and of preventing a leakage of the refrigerant to a room space. The air-conditioning apparatus includes an outdoor-unit casing accommodating therein a compressor, a refrigerant flow switching device, and a heat-source-side heat exchanger; a heat-medium-relay-unit casing accommodating therein an expansion device and an intermediate heat exchanger; a heat-medium-flow-control-unit casing accommodating therein a heat medium flow control device; an indoor-unit casing accommodating therein a load-side heat exchanger and an indoor air-sending device; and a heat medium conveying device configured to convey a heat medium. In the air-conditioning apparatus, the compressor, the refrigerant flow switching device, the heat-source-side heat exchanger, the expansion device, and a refrigerant passage of the intermediate heat exchanger communicate with each other via refrigerant pipes to form a refrigerant circuit, refrigerant flowing through the refrigerant pipe; and a heat medium passage of the intermediate heat exchanger, the heat medium conveying device, the heat medium flow control device, and the load-side heat exchanger communicate with each other via heat medium pipes to form a heat medium circuit, the heat medium flowing through the heat medium pipe.

IPC 8 full level
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CPC (source: EP)
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Cited by
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