

Title (en)
AIR CONDITIONING DEVICE

Title (de)
KLIMAANLAGENVORRICHTUNG

Title (fr)
DISPOSITIF DE CLIMATISATION

Publication
EP 2905552 B1 20190417 (EN)

Application
EP 12886003 A 20121001

Priority
JP 2012075310 W 20121001

Abstract (en)
[origin: EP2905552A1] In an air-conditioning apparatus 1 that includes a heat-source-unit-side heat exchanger 103, a plurality of use-side heat exchangers 105, and a relay unit B provided between the heat-source-unit-side heat exchanger 103 and the plurality of use-side heat exchangers 105, configured to switch part of the plurality of use-side heat exchangers 105 to a cooling operation side, and configured to switch part of the plurality of use-side heat exchangers 105 to a heating operation side and that performs a cooling and heating simultaneous operation by switching each of the plurality of use-side heat exchangers 105 to the cooling operation side or the heating operation side in accordance with a control instruction, the relay unit B includes a third flow rate control unit 115 configured to adjust the flow rate of a refrigerant to be distributed to the heat-source-unit-side heat exchanger 103 and a use-side heat exchanger 105 that is performing the cooling operation, and a controller 151 configured to adjust the third flow rate control unit 115, and the controller 151 obtains, based on a downstream-side temperature on a downstream side of the third flow rate control unit 115 and a liquid pipe temperature of the use-side heat exchanger 105, a target control temperature of the downstream-side temperature, and controls the liquid pipe temperature by adjusting the third flow rate control unit 115 in accordance with the target control temperature.

IPC 8 full level
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