

Title (en)
AIR CONDITIONING DEVICE

Title (de)
KLIMATISIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CLIMATISATION

Publication
EP 3779308 A4 20210331 (EN)

Application
EP 18913344 A 20180405

Priority
JP 2018014597 W 20180405

Abstract (en)
[origin: EP3779308A1] An air-conditioning apparatus of the present disclosure includes a heat medium circulation circuit and a heat-source-side refrigerant circulation circuit. In the heat medium circulation circuit, a pump configured to pressurize a heat medium that contains water or brine and transfers heat, an indoor heat exchanger configured to exchange heat between an indoor air of an air-conditioned space and the heat medium, and a flow control device installed corresponding to the indoor heat exchanger and configured to control a flow rate of the heat medium passing through the indoor heat exchanger are connected by a pipe to circulate the heat medium therein. In the heat-source-side refrigerant circulation circuit, a compressor configured to compress a heat-source-side refrigerant, a heat-source-side heat exchanger configured to exchange heat between the heat-source-side refrigerant and an outdoor air, an expansion device configured to decompress the heat-source-side refrigerant, and a heat medium heat exchanger configured to exchange heat between the heat-source-side refrigerant and the heat medium are connected by a pipe. A plurality of the indoor heat exchangers are installed in respective indoor units. Each of the indoor units includes a detection device configured to detect a physical quantity related to a heat quantity involved in heat exchange of the indoor heat exchanger, and is configured to perform communication by a signal containing data on detection of the detection device.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
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