

Title (en)  
AIR-CONDITIONING SYSTEM AND METHOD FOR CONTROLLING SAME

Title (de)  
KLIMATISIERUNGSSYSTEM UND VERFAHREN ZUR STEUERUNG DAVON

Title (fr)  
SYSTÈME DE CLIMATISATION ET SON PROCÉDÉ DE COMMANDE

Publication  
**EP 4067765 A4 20221130 (EN)**

Application  
**EP 19954508 A 20191129**

Priority  
JP 2019046796 W 20191129

Abstract (en)  
[origin: EP4067765A1] An air-conditioning system includes: a heat source apparatus; a plurality of indoor units; a relay device; a refrigerant circuit; and a heat medium circuit, the heat source apparatus including a compressor, a flow switching valve, and a heat-source-side heat exchanger. The indoor units each include an indoor-side heat exchanger. The relay device includes a pump and an inter-medium heat exchanger. In the refrigerant circuit, the compressor, the flow switching valve, the heat-source-side heat exchanger, and the inter-medium heat exchanger are connected by refrigerant pipes and refrigerant is circulated. In the heat medium circuit, the pump, the inter-medium heat exchanger, and the indoor-side heat exchanger of each of the plurality of indoor units are connected by heat medium pipes and a heat medium is circulated. The air-conditioning system further includes: flow-rate detection devices each provided in an associated one of the plurality of indoor units, and each detect flow-rate information regarding a flow rate of the heat medium in the associated indoor unit; and a controller that controls, when the flow-rate information detected by the flow-rate detection devices is abnormal flow-rate information indicating presence of a control target indoor unit which is an indoor unit to be controlled of the plurality of indoor units and in which a flow of the heat medium is cut off, an operation of at least one of the compressor, the pump, and the control target indoor unit.

IPC 8 full level  
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Citation (search report)  
• [A] US 2011297363 A1 20111208 - TAKATA SHIGEO [JP], et al  
• [A] EP 2937648 A1 20151028 - MITSUBISHI ELECTRIC CORP [JP]  
• [A] EP 2746700 A1 20140625 - MITSUBISHI ELECTRIC CORP [JP]  
• [A] JP 2010127568 A 20100610 - MITSUBISHI ELECTRIC CORP  
• See references of WO 2021106193A1

Designated contracting state (EPC)  
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BA ME

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