

Title (en)
AIR CONDITIONING DEVICE

Title (de)
KLIMATISIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CLIMATISATION

Publication
EP 3943828 A4 20220323 (EN)

Application
EP 19923773 A 20190410

Priority
JP 2019015673 W 20190410

Abstract (en)
[origin: EP3943828A1] An air-conditioning device includes, in a first heat medium circuit through which a first heat medium flows, one or more heat source devices cooling or heating the first heat medium, a plurality of load devices performing air-conditioning operation by exchanging heat between the first heat medium and air in an air-conditioned space, and circulation generation means causing the first heat medium to circulate through the first heat medium circuit. One of the one or more heat source devices is a master-side heat source device, and one of the plurality of load devices is a master-side load device. The master-side load device acquires detection information representing an operation state of each of the load devices, generates instruction information to control at least any of all or a part of the one or more heat source devices and the circulation generation means, based on the detection information, and transmits the instruction information to the master-side heat source device. The master-side heat source device controls at least any of all or a part of the one or more heat source devices and the circulation generation means, based on the received instruction information.

IPC 8 full level
F24F 11/85 (2018.01); **F24F 5/00** (2006.01); **F24F 11/86** (2018.01); **F25B 1/00** (2006.01); **F24F 110/10** (2018.01); **F24F 110/20** (2018.01); **F24F 140/50** (2018.01)

CPC (source: EP)
F24F 5/0003 (2013.01); **F24F 11/85** (2018.01); **F24F 11/86** (2018.01); **F25B 1/00** (2013.01); **F24F 2110/10** (2018.01); **F24F 2110/20** (2018.01); **F24F 2140/50** (2018.01)

Citation (search report)

- [YA] GB 2550697 A 20171129 - MITSUBISHI ELECTRIC CORP [JP]
- [Y] JP 2012097971 A 20120524 - DAIKIN IND LTD
- [Y] JP 2001215038 A 20010810 - RYOBI LTD
- [A] EP 3163219 A1 20170503 - YANMAR CO LTD [JP]
- See also references of WO 2020208751A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3943828 A1 20220126; **EP 3943828 A4 20220323**; **EP 3943828 B1 20240529**; JP 7086276 B2 20220617; JP WO2020208751 A1 20211021; WO 2020208751 A1 20201015

DOCDB simple family (application)
EP 19923773 A 20190410; JP 2019015673 W 20190410; JP 2021513095 A 20190410