Title (en)

AIR CONDITIONING SYSTEM

Title (de)

KLIMAANLAGE

Title (fr)

SYSTÈME DE CLIMATISATION

Publication

EP 4160118 A1 20230405 (EN)

Application

EP 21814271 A 20210426

Priority

- JP 2020094409 A 20200529
- JP 2021016678 W 20210426

Abstract (en)

An object is to make it possible to perform refrigerant recovery in a rapid manner by using pump-down operation of outdoor units 4 even in the case in which a large amount of refrigerant that exceeds a storable amount of the outdoor unit 4 is charged in an air conditioner 2.An air conditioning system 1 includes: an air conditioner 2 including an indoor unit 5 and a plurality of outdoor units 4 connected to the indoor unit 5; and a control-device controller 30 that controls the air conditioner 2, and the control-device controller 30 alternately executes first control in which one of the outdoor units 4 is caused to execute pump-down operation and in which another one of the outdoor units 4 is put into a state where refrigerant is allowed to be recovered by a refrigerant recovery machine 6 and second control in which the outdoor unit 4 that executes the pump-down operation in the first control is put into a state where the refrigerant is allowed to be recovered by the refrigerant recovery machine 6 and in which the outdoor unit 4 that is put, in the first control, into the state where the refrigerant is allowed to be recovered is caused to execute pump-down operation.

IPC 8 full level

F25B 45/00 (2006.01); **F24F 11/32** (2018.01); **F25B 1/00** (2006.01)

CPC (source: EP)

F24F 11/32 (2018.01); **F25B 13/00** (2013.01); **F25B 45/00** (2013.01); **F25B 49/02** (2013.01); F25B 2313/0233 (2013.01); F25B 2313/0253 (2013.01); F25B 2400/19 (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4160118 A1 20230405; **EP 4160118 A4 20231115**; JP 2021188826 A 20211213; JP 7462186 B2 20240405; WO 2021241108 A1 20211202

DOCDB simple family (application)

EP 21814271 A 20210426; JP 2020094409 A 20200529; JP 2021016678 W 20210426