

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3604953 B1 20230419 (EN)

Application
EP 18855110 A 20180531

Priority
JP 2018020971 W 20180531

Abstract (en)
[origin: EP3604953A1] An air conditioner (100) includes a refrigerant circuit (Q) configured such that refrigerant sequentially circulates in a refrigeration cycle through a compressor (31), a condenser, an outdoor expansion valve (34), and an evaporator, and a control unit configured to control at least the compressor (31) and the outdoor expansion valve (34). One of the condenser or the evaporator is an outdoor heat exchanger (32), and the other one of the condenser or the evaporator is an indoor heat exchanger (12). The control unit causes the indoor heat exchanger (12) to function as the evaporator, and an indoor fan (14) to rotate backward during the freezing processing of freezing the indoor heat exchanger (12).

IPC 8 full level
F24F 11/43 (2018.01); **F24F 11/72** (2018.01); **F24F 11/79** (2018.01); **F24F 11/81** (2018.01)

CPC (source: EP)
F24F 11/43 (2018.01); **F24F 11/79** (2018.01); **F24F 11/81** (2018.01); **F24F 2221/22** (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

DOCDB simple family (publication)
EP 3604953 A1 20200205; **EP 3604953 A4 20200826**; **EP 3604953 B1 20230419**; CN 110785616 A 20200211; CN 110785616 B 20210129; JP 6435443 B1 20181205; JP WO2019229933 A1 20200611; MY 201750 A 20240315; WO 2019229933 A1 20191205

DOCDB simple family (application)
EP 18855110 A 20180531; CN 201880002211 A 20180531; JP 2018020971 W 20180531; JP 2018550615 A 20180531; MY PI2018002059 A 20180531