

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3208549 B1 20191204 (EN)

Application
EP 15850569 A 20151014

Priority
• JP 2014210678 A 20141015
• JP 2015078983 W 20151014

Abstract (en)
[origin: EP3208549A1] When thermo-OFF is performed during heating operation, the operation time period of immediate preceding thermo-ON operation is confirmed. When the operation time period is not more than a specified time period, the number of operations of thermo-ON is counted. Every time thermo-ON and thermo-OFF are repeated, the number of operations of thermo-ON is counted. When the count of the number of operations reaches a predetermined number of times, defrosting operation is forcibly performed. When thermo-OFF and the thermo-ON are repeated in a short cycle, defrosting of an outdoor heat exchanger can be performed. As described above, by forcibly performing defrosting operation upon coming into a situation in which thermo-OFF and thermo-ON are repeated in a short cycle, it is made possible to eliminate an adverse effect that defrosting of the outdoor heat exchanger cannot be performed in such a situation.

IPC 8 full level
F24F 11/00 (2018.01)

CPC (source: EP US)
F24F 11/30 (2017.12 - EP); **F24F 11/89** (2017.12 - EP US); **F25B 47/02** (2013.01 - EP); **F24F 11/41** (2017.12 - EP)

Cited by
US11029067B2

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 3208549 A1 20170823; **EP 3208549 A4 20171011**; **EP 3208549 B1 20191204**; CN 106574798 A 20170419; CN 106574798 B 20200228; JP 2016080229 A 20160516; JP 6466682 B2 20190206; WO 2016060145 A1 20160421

DOCDB simple family (application)
EP 15850569 A 20151014; CN 201580044377 A 20151014; JP 2014210678 A 20141015; JP 2015078983 W 20151014