

Title (en)
CEILING TYPE INDOOR UNIT OF AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT EINER KLIMAANLAGE VOM DECKENTYP

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISEUR DE TYPE AU PLAFOND

Publication
EP 3671053 A1 20200624 (EN)

Application
EP 19217627 A 20191218

Priority
KR 20180164361 A 20181218

Abstract (en)
According to the present disclosure, during a cooling operation, a reference set temperature Ts0 is increased by 1 °C after a first control to set a set temperature Ts, the set temperature Ts is further increased by 1 °C after a second control to set the set temperature Ts, the second control is repeated after the set temperature Ts increases by 2 °C from the reference set temperature Ts0, and the set temperature Ts increased by 2 °C can be decreased to the reference set temperature Ts0 step by step.

IPC 8 full level
F24F 1/0014 (2019.01); **F24F 1/0047** (2019.01); **F24F 11/79** (2018.01); **F24F 13/06** (2006.01)

CPC (source: EP KR US)
F24F 1/0011 (2013.01 - KR); **F24F 1/0014** (2013.01 - EP); **F24F 1/0047** (2019.02 - EP US); **F24F 11/0001** (2013.01 - US); **F24F 11/79** (2018.01 - EP KR); **F24F 13/1413** (2013.01 - KR); **F24F 13/1426** (2013.01 - KR); **F24F 1/0047** (2019.02 - KR); **F24F 2013/0616** (2013.01 - EP); **F24F 2013/1433** (2013.01 - KR); **F24F 2110/10** (2018.01 - KR)

Citation (search report)

- [YA] EP 3096088 A1 20161123 - PANASONIC IP MAN CO LTD [JP]
- [YA] EP 3358265 A1 20180808 - DAIKIN IND LTD [JP]
- [A] EP 2484986 A1 20120808 - DAIKIN IND LTD [JP]
- [A] EP 2495503 A1 20120905 - DAIKIN IND LTD [JP]
- [A] WO 2017203704 A1 20171130 - MITSUBISHI ELECTRIC CORP [JP]

Cited by
CN111981575A; EP4166857A4

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 3671053 A1 20200624; KR 102639774 B1 20240221; KR 20200075559 A 20200626; US 2020191420 A1 20200618; WO 2020130635 A1 20200625

DOCDB simple family (application)
EP 19217627 A 20191218; KR 20180164361 A 20181218; KR 2019018014 W 20191218; US 201916718817 A 20191218