

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT FÜR KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE POUR CLIMATISEUR

Publication
EP 3722692 A4 20211103 (EN)

Application
EP 17918690 A 20171205

Priority
JP 2017043574 W 20171205

Abstract (en)
[origin: US2020224889A1] An indoor unit of an air conditioner includes multiple blow ports and multiple louvers each provided at the blow ports and configured to adjust a blowing direction. Each louver is, upon stop of the indoor unit, rotated in the direction of closing the blow port, the angle of the louver upon stop of the indoor unit being a fully-closed angle. When the minimum angle among louver angles settable by the remote controller is taken as a first angle and the maximum angle is taken as a second angle, the louver angles of a part of the multiple blow ports are, under a preset predetermined operation condition, set to a third angle greater than the fully-closed angle as the louver angle upon stop of the indoor unit and smaller than the first angle, and the louvers of the other blow ports perform louver operation settable from a remote controller.

IPC 8 full level
F24F 13/20 (2006.01); **F24F 1/0014** (2019.01); **F24F 1/0047** (2019.01); **F24F 11/56** (2018.01); **F24F 11/74** (2018.01); **F24F 11/79** (2018.01); **F24F 13/14** (2006.01)

CPC (source: EP KR US)
F24F 1/0014 (2013.01 - EP KR US); **F24F 1/0047** (2019.01 - EP); **F24F 11/56** (2017.12 - EP KR US); **F24F 11/74** (2017.12 - EP); **F24F 11/79** (2017.12 - EP KR); **F24F 13/10** (2013.01 - US); **F24F 13/14** (2013.01 - EP KR US)

Citation (search report)

- [XY] EP 2484986 A1 20120808 - DAIKIN IND LTD [JP]
- [X] JP 2016183806 A 20161020 - DAIKIN IND LTD
- [Y] JP 2017067426 A 20170406 - DAIKIN IND LTD
- [X] WO 2015045413 A1 20150402 - DAIKIN IND LTD [JP]
- See references of WO 2019111308A1

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)
US 2020224889 A1 20200716; CN 110121621 A 20190813; CN 110121621 B 20210427; EP 3722692 A1 20201014; EP 3722692 A4 20211103; JP 6668552 B2 20200318; JP WO2019111308 A1 20191212; KR 102135622 B1 20200720; KR 20190076947 A 20190702; WO 2019111308 A1 20190613

DOCDB simple family (application)
US 201716321599 A 20171205; CN 201780044176 A 20171205; EP 17918690 A 20171205; JP 2017043574 W 20171205; JP 2019503366 A 20171205; KR 20197004822 A 20171205