

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT FÜR KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE POUR CLIMATISEUR

Publication
EP 3722692 A1 20201014 (EN)

Application
EP 17918690 A 20171205

Priority
JP 2017043574 W 20171205

Abstract (en)
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. A remote controller configured to set operation of each louver upon operation of the indoor unit is provided. 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 the remote controller. With this configuration, high-speed blowing from a part of the multiple blow ports is allowed, and bending of the louver provided at each blow port can be reduced.

IPC 8 full level
F24F 13/20 (2006.01); **F24F 11/56** (2018.01); **F24F 11/79** (2018.01)

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)

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Designated extension state (EPC)
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US 201716321599 A 20171205; CN 201780044176 A 20171205; EP 17918690 A 20171205; JP 2017043574 W 20171205; JP 2019503366 A 20171205; KR 20197004822 A 20171205