

Title (en)
INDOOR UNIT AND AIR-CONDITIONING APPARATUS INCLUDING THE SAME, CONTROL METHOD FOR INDOOR UNIT, AND CONTROL PROGRAM FOR THE SAME

Title (de)
INNENRAUMEINHEIT UND KLIMATISIERUNGSVORRICHTUNG DAMIT, STEUERUNGSVERFAHREN FÜR INNENRAUMEINHEIT UND STEUERUNGSPROGRAMM DAFÜR

Title (fr)
UNITÉ D'INTÉRIEUR ET APPAREIL DE CLIMATISATION LE COMPRENANT, PROCÉDÉ DE COMMANDE POUR UNITÉ INTÉRIEURE ET PROGRAMME DE COMMANDE ASSOCIÉ

Publication
EP 3130861 A1 20170215 (EN)

Application
EP 16181907 A 20160729

Priority
JP 2015159915 A 20150813

Abstract (en)
It is an object to easily set the wind direction for a wind direction plate and achieve a desired air-conditioning status. There is provided an indoor unit (2) for an air-conditioning apparatus (1) including a plurality of air outlets and wind direction adjustment louvers (13a, 13b, 13c, 13d) which adjust wind directions of airflows blown outward from the respective outlets, an open-close status of each of the wind direction plates being set from a remote control (20). The indoor unit (2) includes a control section (30) which puts all of the wind direction plates of the indoor unit into a closed state, and subsequently lets the open-close status of one (13a) of the wind direction plates be set from the remote control, performs control after completion of the setting such that the one wind direction plate is kept in the set open-close status, and lets the open-close status of a different one (13b) other than the one wind direction plate of the wind direction plates be set from the remote control after the completion of the setting for the one wind direction plate.

IPC 8 full level
F24F 1/00 (2011.01); **F24F 11/00** (2006.01)

CPC (source: EP US)
F24F 1/0014 (2013.01 - EP); **F24F 1/0047** (2019.01 - EP); **F24F 11/30** (2017.12 - EP US); **F24F 11/56** (2017.12 - EP US); **F24F 11/79** (2017.12 - EP US); **F24F 11/52** (2017.12 - EP US); **F24F 2140/40** (2017.12 - EP US)

Citation (applicant)
• JP 2013113469 A 20130610 - FUJITSU GENERAL LTD
• JP 2012154593 A 20120816 - MITSUBISHI ELECTRIC CORP

Citation (search report)
• [I] JP 4495778 B1 20100707
• [AD] JP 2013113469 A 20130610 - FUJITSU GENERAL LTD
• [A] EP 2530395 A1 20121205 - DAIKIN IND LTD [JP]

Cited by
EP3855081A4; EP3751212A4; CN112682916A; CN114451683A; CN108826631A; EP3569940A1; US10890339B2

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

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EP 3130861 A1 20170215; **EP 3130861 B1 20200520**; JP 2017036899 A 20170216; JP 6570916 B2 20190904

DOCDB simple family (application)
EP 16181907 A 20160729; JP 2015159915 A 20150813