

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CONDITIONNEUR D'AIR

Publication
EP 3270071 A4 20180117 (EN)

Application
EP 15868660 A 20150312

Priority
JP 2015057314 W 20150312

Abstract (en)
[origin: US2017336082A1] An infrared sensor is installed to one of the corners of a decorative panel to face different directions at the respective corners. A controller controls one of several air direction vanes and thus airflow out of one of air outlets and an air-conditioning apparatus to perform an operation, makes a determination of the installation position of the infrared sensor from one of several divided areas in which a temperature difference in floor surface between before and during an operation of the one of the air direction vanes equals or exceeds a specified value, a disposition position of the one of the air direction vanes, and an installation direction of the infrared sensor, and makes the one of the divided areas in which the temperature difference equals or exceeds the specified value correspond to the one of the air direction vanes to be controlled.

IPC 8 full level
F24F 1/0059 (2019.01); **F24F 11/00** (2018.01); **F24F 13/20** (2006.01)

CPC (source: CN EP US)
F24F 1/0047 (2019.01 - EP US); **F24F 1/0059** (2013.01 - CN EP US); **F24F 11/30** (2017.12 - CN EP US); **F24F 11/52** (2017.12 - CN EP US); **F24F 11/56** (2017.12 - CN EP US); **F24F 11/79** (2017.12 - CN EP US); **F24F 13/06** (2013.01 - CN); **F24F 2110/10** (2017.12 - CN); **F24F 2120/10** (2017.12 - CN); **F24F 11/32** (2017.12 - EP US); **F24F 2013/0616** (2013.01 - CN); **F24F 2110/10** (2017.12 - EP US); **F24F 2120/00** (2017.12 - CN EP US); **F24F 2120/12** (2017.12 - EP US); **F24F 2120/14** (2017.12 - CN); **F24F 2221/32** (2013.01 - EP US)

Citation (search report)

- [AD] JP 2012083077 A 20120426 - MITSUBISHI ELECTRIC CORP
- [A] JP H0379942 A 19910404 - DAIKIN IND LTD
- [A] EP 2163832 A2 20100317 - MITSUBISHI ELECTRIC CORP [JP]
- [A] JP 2005016862 A 20050120 - DAIKIN IND LTD
- [A] US 2004050077 A1 20040318 - KASAI MASAYA [JP], et al
- See references of WO 2016143122A1

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)
US 2017336082 A1 20171123; CN 105972749 A 20160928; CN 105972749 B 20181225; CN 205448175 U 20160810; EP 3270071 A1 20180117; EP 3270071 A4 20180117; EP 3270071 B1 20181003; JP 6359176 B2 20180718; JP WO2016143122 A1 20170629; WO 2016143122 A1 20160915

DOCDB simple family (application)
US 201515528787 A 20150312; CN 201610130310 A 20160308; CN 201620175735 U 20160308; EP 15868660 A 20150312; JP 2015057314 W 20150312; JP 2017504526 A 20150312