

Title (en)  
AIR-CONDITIONING INDOOR UNIT

Title (de)  
KLIMAAANLAGEN-INNENRAUMEINHEIT

Title (fr)  
UNITÉ INTÉRIEURE DE CLIMATISATION

Publication  
**EP 3534083 A4 20191106 (EN)**

Application  
**EP 17863931 A 20171023**

Priority

- JP 2016212097 A 20161028
- JP 2017038164 W 20171023

Abstract (en)

[origin: EP3534083A1] An air conditioning indoor unit that can facilitate elimination of temperature unevenness in an air conditioning target space during cooling operation to achieve the highly comfortable air conditioning target space is provided. The air conditioning indoor unit includes a casing having an intake port and a blow-out port, an indoor heat exchanger exchanging heat with air sucked through the intake port to draw the heat from the air, an indoor fan sends the air exchanged heat at the indoor heat exchanger out of the blow-out port, an airflow direction switching mechanism, and a switching mechanism control unit. The airflow direction switching mechanism switches, at least between a first direction and a second direction, an airflow direction of blow-out air from the blow-out port. The first direction is horizontal or substantially horizontal direction. The second direction is vertically downward or substantially vertically downward direction. The switching mechanism control unit controls operation of the airflow direction switching mechanism so that the blow-out air temporarily blows out in the second direction when temperature unevenness is detected or presumed in the air conditioning target space while the blow-out air blowing out in the first direction.

IPC 8 full level  
**F24F 11/30** (2018.01)

CPC (source: EP)  
**F24F 11/74** (2017.12); **F24F 11/79** (2017.12); **F24F 2110/10** (2017.12)

Citation (search report)

- [XY] EP 1707892 A1 20061004 - SHARP KK [JP]
- [Y] EP 2484986 A1 20120808 - DAIKIN IND LTD [JP]
- [Y] JP H09303844 A 19971128 - DAIKIN IND LTD
- See references of WO 2018079476A1

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 3534083 A1 20190904; EP 3534083 A4 20191106; EP 3534083 B1 20210609**; CN 109891159 A 20190614; CN 109891159 B 20200410; ES 2880404 T3 20211124; JP 2018071885 A 20180510; JP 6361718 B2 20180725; WO 2018079476 A1 20180503

DOCDB simple family (application)  
**EP 17863931 A 20171023**; CN 201780065236 A 20171023; ES 17863931 T 20171023; JP 2016212097 A 20161028; JP 2017038164 W 20171023