

Title (en)
AIR-CONDITIONING INDOOR UNIT AND AIR CONDITIONER

Title (de)
KLIMAANLAGENINNENRAUMEINHEIT UND KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISATION ET CLIMATISEUR

Publication
EP 4015933 B1 20240529 (EN)

Application
EP 20865799 A 20200907

Priority
• JP 2019168492 A 20190917
• JP 2020033817 W 20200907

Abstract (en)
[origin: EP4015933A1] An air conditioning indoor unit (1) includes a first horizontal blade (41) and a second horizontal blade (51) disposed closer to a wall surface (W) than the first horizontal blade (41). The air conditioning indoor unit (1) is capable of performing an operation in a first airflow control mode in which a distance between the first horizontal blade (41) and the second horizontal blade (51) is larger on a downstream side of a flow of blow-out air than on an upstream side of the flow of the blow-out air, the blow-out air flows obliquely downward on the opposite side of the wall surface (W), a part of the blow-out air flows along a lower wing surface of the first horizontal blade (41), and another part of the blow-out air flows along an upper wing surface of the second horizontal blade (51). The lower wing surface of the first horizontal blade (41) has a protruding curved surface, and the upper wing surface of the second horizontal blade (51) has a protruding curved surface.

IPC 8 full level
F24F 13/14 (2006.01); **F24F 1/0057** (2019.01); **F24F 11/79** (2018.01); **F24F 120/12** (2018.01)

CPC (source: EP)
F24F 1/0011 (2013.01); **F24F 1/0057** (2019.01); **F24F 11/79** (2017.12); **F24F 13/14** (2013.01); **F24F 11/65** (2017.12)

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)
EP 4015933 A1 20220622; **EP 4015933 A4 20221005**; **EP 4015933 B1 20240529**; CN 114364922 A 20220415; CN 114364922 B 20230801; JP 2021046957 A 20210325; JP 7082293 B2 20220608; WO 2021054182 A1 20210325

DOCDB simple family (application)
EP 20865799 A 20200907; CN 202080063899 A 20200907; JP 2019168492 A 20190917; JP 2020033817 W 20200907