

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

Title (de)
KLIMAANLAGENINNENRAUMEINHEIT UND KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISATION ET CLIMATISEUR

Publication
EP 4015930 B1 20231227 (EN)

Application
EP 20866280 A 20200907

Priority
• JP 2019168494 A 20190917
• JP 2020033794 W 20200907

Abstract (en)
[origin: EP4015930A1] An air conditioning indoor unit (1) includes a control device (100). The control device (100) performs an operation in a first airflow control mode in which a distance between a first horizontal blade (41) and a second horizontal blade (51) is set to be 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, part of the blow-out air is allowed to flow along a lower wing surface of the first horizontal blade (41), and another part of the blow-out air is allowed to flow along an upper wing surface of the second horizontal blade (51) after an operation in a second airflow control mode in which a separation angle between the first horizontal blade (41) and the second horizontal blade (51) is set to be smaller than a predetermined separation angle between the first horizontal blade (41) and the second horizontal blade (51) in the first airflow control mode, and the blow-out air is blown out.

IPC 8 full level
F24F 1/0011 (2019.01); **F24F 1/0057** (2019.01); **F24F 11/77** (2018.01); **F24F 11/79** (2018.01)

CPC (source: EP)
F24F 1/0011 (2013.01); **F24F 1/0057** (2019.02); **F24F 11/77** (2018.01); **F24F 11/79** (2018.01)

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 4015930 A1 20220622; **EP 4015930 A4 20221005**; **EP 4015930 B1 20231227**; AU 2020350294 A1 20220407; AU 2020350294 B2 20230810; CN 114364921 A 20220415; CN 114364921 B 20231024; ES 2973366 T3 20240619; JP 2021046958 A 20210325; JP 6897735 B2 20210707; WO 2021054180 A1 20210325

DOCDB simple family (application)
EP 20866280 A 20200907; AU 2020350294 A 20200907; CN 202080064049 A 20200907; ES 20866280 T 20200907; JP 2019168494 A 20190917; JP 2020033794 W 20200907