

Title (en)
INDOOR UNIT OF AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT EINER KLIMAANLAGE

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISEUR

Publication
EP 4012285 A4 20230906 (EN)

Application
EP 20865264 A 20200914

Priority
• JP 2019168560 A 20190917
• JP 2020034722 W 20200914

Abstract (en)
[origin: EP4012285A1] An air-conditioner indoor unit (10) is configured to be capable of changing the direction of an airflow that is blown out through a blow-out port (15). The air-conditioner indoor unit (10) includes a control unit (40) that switches between a normal mode and a wide mode. The control unit (40) extends at least vertically a range that is to be reached by the airflow in an air-conditioning target space in the wide mode compared with the normal mode and causes the air conditioning capacity of the wide mode to be lower than the air conditioning capacity of the normal mode.

IPC 8 full level
F24F 11/65 (2018.01); **F24F 1/0011** (2019.01); **F24F 11/755** (2018.01); **F24F 11/79** (2018.01); **F24F 11/81** (2018.01); **F24F 11/83** (2018.01); **F24F 120/10** (2018.01); **F24F 120/12** (2018.01)

CPC (source: CN EP US)
F24F 1/0011 (2013.01 - CN EP); **F24F 11/43** (2017.12 - CN); **F24F 11/65** (2017.12 - CN EP US); **F24F 11/755** (2017.12 - CN EP US); **F24F 11/79** (2017.12 - CN EP US); **F24F 11/81** (2017.12 - CN EP US); **F24F 11/83** (2017.12 - CN EP US); **F24F 13/14** (2013.01 - CN); **F24F 13/15** (2013.01 - CN US); **F24F 2120/10** (2017.12 - CN); **F24F 2120/12** (2017.12 - CN)

Citation (search report)
• [IY] EP 3358266 A1 20180808 - DAIKIN IND LTD [JP]
• [Y] JP H09184650 A 19970715 - DAIKIN IND LTD
• [Y] JP 2013238397 A 20131128 - MITSUBISHI ELECTRIC CORP
• [Y] JP 2003021386 A 20030124 - MITSUBISHI ELECTRIC CORP
• [I] US 5913890 A 19990622 - LEE GAB-YOUL [KR], et al
• [I] EP 1553358 A1 20050713 - SHARP KK [JP]
• See references of WO 2021054286A1

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 4012285 A1 20220615; **EP 4012285 A4 20230906**; AU 2020349932 A1 20220324; AU 2020349932 B2 20230316; CN 114391079 A 20220422; JP 2021050902 A 20210401; JP 2022059635 A 20220413; JP 7025672 B2 20220225; US 2022186976 A1 20220616; WO 2021054286 A1 20210325

DOCDB simple family (application)
EP 20865264 A 20200914; AU 2020349932 A 20200914; CN 202080064352 A 20200914; JP 2020034722 W 20200914; JP 2020153535 A 20200914; JP 2022019214 A 20220210; US 202217685685 A 20220303