

Title (en)
BLOW-OUT PANEL, AND AIR CONDITIONING INDOOR UNIT

Title (de)
AUSBLASPANEEL UND INNENRAUMKLIMATISIERUNGSEINHEIT

Title (fr)
PANNEAU DE SOUFFLAGE ET UNITÉ INTÉRIEURE DE CLIMATISATION

Publication
EP 3730860 A4 20210210 (EN)

Application
EP 18891973 A 20181113

Priority

- CN 201711409126 A 20171222
- JP 2018042001 W 20181113

Abstract (en)
[origin: EP3730860A1] A blow-out panel (20) and an air conditioning indoor unit (1) including the blow-out panel (20) have a simple structure, which allows the air to be blown out close to all around 360° and allows the air to be blown out of the blow-out port close to uniformly. The blow-out panel (20) has an outer frame (21) and an inner frame (22), and the outer frame (21) and the inner frame (22) surround a polygonal blow-out port (CF). A guide vane (23) is provided in the blow-out port (CF). The blow-out panel (20) is provided with a link (24). The link (24) deviates from a corner of the blow-out port (CF) and extends from a central direction of the blow-out panel (20) to the corner of the blow-out port (CF). The guide vane (23) is pivotally connected to the link (24) in parallel to a longitudinal direction of the guide van (23).

IPC 8 full level
F24F 1/0011 (2019.01); **F24F 1/0029** (2019.01); **F24F 1/0047** (2019.01); **F24F 13/075** (2006.01); **F24F 13/15** (2006.01); **F24F 13/20** (2006.01)

CPC (source: CN EP)
F24F 1/0011 (2013.01 - CN EP); **F24F 1/0029** (2013.01 - CN EP); **F24F 1/0047** (2019.01 - CN EP); **F24F 13/075** (2013.01 - EP); **F24F 13/15** (2013.01 - CN EP); **F24F 13/20** (2013.01 - CN EP)

Citation (search report)

- [XAI] EP 1688677 A1 20060809 - DAIKIN IND LTD [JP]
- [XAI] EP 1580493 A1 20050928 - DAIKIN IND LTD [JP]
- [XAI] EP 0950867 A2 19991020 - FUJITSU GENERAL LTD [JP]
- [X] JP 2010210132 A 20100924 - FUJITSU GENERAL LTD
- [X] JP H03103955 U 19911029
- [A] EP 3029385 A1 20160608 - MITSUBISHI HEAVY IND LTD [JP]
- See references of WO 2019123894A1

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)
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DOCDB simple family (application)
EP 18891973 A 20181113; CN 201711409126 A 20171222; JP 2018042001 W 20181113; JP 2019560865 A 20181113