Title (en)

INDOOR UNIT OF AIR CONDITIONING SYSTEM

Title (de)

INNENRAUMEINHEIT EINES KLIMAANLAGENSYSTEMS

Title (fr)

UNITÉ INTÉRIEURE DE SYSTÈME DE CLIMATISATION

Publication

EP 3279582 A4 20181205 (EN)

Application

EP 16771976 A 20160223

Priority

- JP 2015068359 A 20150330
- JP 2016055175 W 20160223

Abstract (en)

[origin: EP3279582A1] There is provided an indoor unit 1 of an air conditioning apparatus in which an conditioned air heat-exchanged by a heat exchanger 3 using a slightly flammable refrigerant or a flammable refrigerant having specific gravity higher than that of air is blown out from a blowout port 5 by an indoor fan 6. The indoor unit 1 is provided with a refrigerant sensor 8 for detecting leakage of the refrigerant and a blowout port opening/closing mechanism capable of closing a part of the blowout port 5. When the refrigerant sensor 8 detects leakage of the refrigerant, the indoor fan 6 is driven in a state in which a part of the blowout port 5 is closed by the blowout port opening/closing mechanism.

IPC 8 full level

F24F 13/20 (2006.01); **F24F 11/36** (2018.01); **F24F 13/14** (2006.01); **F24F 13/32** (2006.01); **F25B 1/00** (2006.01); **F25B 13/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP US)

F24F 11/36 (2017.12 - EP); **F24F 11/89** (2017.12 - EP US); **F24F 13/14** (2013.01 - EP); **F24F 13/20** (2013.01 - EP); **F24F 13/32** (2013.01 - EP); **F25B 1/00** (2013.01 - EP); **F25B 13/00** (2013.01 - EP); **F25B 49/02** (2013.01 - EP)

Citation (search report)

- [XA] JP 2001336841 A 20011207 - MATSUSHITA REFRIGERATION
- [XA] JP H09318208 A 19971212 - DAIKIN IND LTD
- [A] JP 2011127847 A 20110630 - MITSUBISHI ELECTRIC CORP
- [A] EP 2589900 A1 20130508 - PANASONIC CORP [JP]
- See references of WO 2016158092A1

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 3279582 A1 20180207; **EP 3279582 A4 20181205**; **EP 3279582 B1 20191030**; AU 2016242617 A1 20170921; AU 2016242617 B2 20181011; CN 107407491 A 20171128; CN 107407491 B 20210209; JP 2016191542 A 20161110; JP 6222252 B2 20171101; WO 2016158092 A1 20161006

DOCDB simple family (application)

EP 16771976 A 20160223; AU 2016242617 A 20160223; CN 201680013361 A 20160223; JP 2016030594 A 20160222; JP 2016055175 W 20160223