

Title (en)
INDOOR UNIT

Title (de)
INNENRAUMEINHEIT

Title (fr)
UNITÉ INTÉRIEURE

Publication
EP 4180727 A1 20230517 (EN)

Application
EP 22206496 A 20221109

Priority
JP 2021184013 A 20211111

Abstract (en)
Provided is an indoor unit capable of placing a refrigerant sensor in a limited space. An indoor unit 100 includes a housing 101 that houses inside a heat exchanger 120 including a refrigerant pipe, and a blower fan 115, the heat exchanger 120 includes a piping connecting portion that connects, to each other, refrigerant pipings through which a refrigerant flows, in the housing 101, a placement space S2 in which the piping connecting portion is placed, and a front wall 101a are provided, the front wall surrounding the placement space S2, the front wall extending along a longitudinal direction of the housing 101, and on the front wall 101a, a refrigerant sensor 180 that detects the refrigerant is provided.

IPC 8 full level
F24F 1/0063 (2019.01); **F24F 1/0068** (2019.01); **F24F 1/0076** (2019.01); **F24F 8/192** (2021.01); **F24F 8/24** (2021.01); **F24F 11/36** (2018.01); **F24F 11/89** (2018.01); **F24F 13/20** (2006.01)

CPC (source: EP)
F24F 1/0063 (2019.01); **F24F 1/0068** (2019.01); **F24F 1/0076** (2019.01); **F24F 8/192** (2021.01); **F24F 8/24** (2021.01); **F24F 11/36** (2017.12); **F24F 11/89** (2017.12); **F24F 13/20** (2013.01); **F24F 1/0047** (2019.01); **F24F 2013/205** (2013.01)

Citation (applicant)
JP 2012141069 A 20120726 - FUJITSU GENERAL LTD

Citation (search report)

- [XAY] WO 2021010296 A1 20210121 - DAIKIN IND LTD [JP]
- [XAY] WO 2020059006 A1 20200326 - MITSUBISHI ELECTRIC CORP [JP]
- [XAY] JP 2020134033 A 20200831 - PANASONIC IP MAN CORP
- [AD] JP 2012141069 A 20120726 - FUJITSU GENERAL LTD

Cited by
US11927377B2; US11953239B2

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4180727 A1 20230517; JP 2023071327 A 20230523

DOCDB simple family (application)
EP 22206496 A 20221109; JP 2021184013 A 20211111