

Title (en)  
INDOOR UNIT OF AIR CONDITIONER

Title (de)  
INNENRAUMEINHEIT EINER KLIMAANLAGE

Title (fr)  
UNITÉ D'INTÉRIEUR DE CLIMATISEUR

Publication  
**EP 3779296 B1 20230802 (EN)**

Application  
**EP 19776320 A 20190226**

Priority  
• JP 2018070195 A 20180330  
• JP 2019007257 W 20190226

Abstract (en)  
[origin: EP3779296A1] This indoor unit of an air conditioner includes an indoor unit body including an inlet and an outlet; a heat exchanger that performs heat exchange on air drawn in from the inlet; and a cross-flow fan configured to blow out air, which has undergone heat exchange performed by the heat exchanger from the outlet. The cross-flow fan includes a blow-out flow path formed by a lower wall, left and right side walls, and an upper wall so that a cross-sectional area gradually increases downward, with the blow-out flow path guiding blown-out air to the outlet. The two side walls are arranged to project out of the outlet at least when an air conditioning operation is performed.

IPC 8 full level  
**F24F 1/0025** (2019.01); **F24F 1/0011** (2019.01); **F24F 1/0057** (2019.01); **F24F 13/10** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP US)  
**F24F 1/0011** (2013.01 - EP); **F24F 1/0025** (2013.01 - EP US); **F24F 1/0057** (2019.01 - EP US); **F24F 13/10** (2013.01 - EP); **F24F 13/24** (2013.01 - EP); **F24F 13/24** (2013.01 - US); **F24F 2013/247** (2013.01 - US)

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 3779296 A1 20210217**; **EP 3779296 A4 20210526**; **EP 3779296 B1 20230802**; AU 2019246289 A1 20201015; AU 2019246289 B2 20220210; CN 111902679 A 20201106; JP 2019178851 A 20191017; JP 6926024 B2 20210825; US 2021033288 A1 20210204; WO 2019187895 A1 20191003

DOCDB simple family (application)  
**EP 19776320 A 20190226**; AU 2019246289 A 20190226; CN 201980022089 A 20190226; JP 2018070195 A 20180330; JP 2019007257 W 20190226; US 201917041385 A 20190226