

Title (en)  
INDOOR UNIT AND AIR CONDITIONING DEVICE

Title (de)  
INNENRAUMEINHEIT UND KLIMAAANLAGENVORRICHTUNG

Title (fr)  
UNITÉ INTÉRIEURE ET DISPOSITIF DE CLIMATISATION

Publication  
**EP 4310404 A1 20240124 (EN)**

Application  
**EP 21931581 A 20210319**

Priority  
JP 2021011296 W 20210319

Abstract (en)  
An indoor unit includes: a casing that has an air outlet and an air inlet, and inside which an air passage is formed; a cross flow fan disposed in the air passage and configured to blow out, through the air outlet, air sucked in from the air inlet; a stabilizer configured to stabilize vortex of air caused by circulation of air and generated inside the cross flow fan upon rotation thereof; and a guide wall having a surface defining an outlet side air passage being a part of the air passage, the part being in downstream of the cross flow fan, wherein the stabilizer has a first surface that defines a surface opposite to the guide wall in the outlet side air passage, and a part of the outlet side air passage is formed such that a distance in a vertical direction from the first surface to the guide wall gradually decreases toward the downstream.

IPC 8 full level  
**F24F 1/0011** (2019.01); **F24F 1/0025** (2019.01)

CPC (source: EP US)  
**F24F 1/0011** (2013.01 - EP); **F24F 1/0018** (2013.01 - US); **F24F 1/0025** (2013.01 - EP); **F24F 1/0047** (2019.02 - EP); **F24F 13/081** (2013.01 - EP); **F24F 1/0063** (2019.02 - EP)

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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