

Title (en)
AIR-CONDITIONING INDOOR UNIT

Title (de)
KLIMAANLAGEN-INNENRAUMEINHEIT

Title (fr)
UNITÉ INTÉRIEURE DE CLIMATISATION

Publication
EP 2696147 A4 20140319 (EN)

Application
EP 12767226 A 20120321

Priority

- JP 2011084300 A 20110406
- JP 2012057117 W 20120321

Abstract (en)
[origin: EP2696147A1] It is a problem of the present invention to provide, in relation to an air conditioning indoor unit disposed with an air inlet adjacent to the rear side of an air outlet, an air conditioning indoor unit that suppresses the occurrence of air stagnation and prevents the occurrence of short-circuiting. In an air conditioning indoor unit (2), a first air inlet (21) is disposed, whereby air convection occurs as far as places that the air did not reach with conventional circulation methods and the occurrence of air stagnation is suppressed because the first air inlet (21) is opened when blowing out the air after air conditioning from an air outlet (19) horizontally or slightly obliquely upward. Further, short-circuiting is prevented because the air is blown out horizontally or slightly obliquely upward. Further, even when blowing out the air downward from the air outlet (19), the first air inlet (21) is opened because it is difficult for short-circuiting to occur when the volume of the outlet air is large.

IPC 8 full level
F24F 13/20 (2006.01); **F24F 1/00** (2011.01); **F24F 11/00** (2006.01)

CPC (source: EP)
F24F 1/0011 (2013.01); **F24F 1/0057** (2019.01); **F24F 13/20** (2013.01); **F24F 11/79** (2017.12); **F24F 2221/54** (2013.01)

Citation (search report)

- [AD] JP 2001116346 A 20010427 - FUJITSU GENERAL LTD
- [A] JP 2000205644 A 20000728 - FUJITSU GENERAL LTD
- See references of WO 2012137600A1

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 2696147 A1 20140212; EP 2696147 A4 20140319; CN 103459934 A 20131218; CN 103459934 B 20141022; JP 2012225636 A 20121115; JP 2012225645 A 20121115; JP 5131408 B2 20130130; JP 5223976 B2 20130626; WO 2012137600 A1 20121011

DOCDB simple family (application)
EP 12767226 A 20120321; CN 201280016712 A 20120321; JP 2012055135 A 20120312; JP 2012057117 W 20120321; JP 2012174247 A 20120806