

Title (en)
Indoor unit of air conditioner

Title (de)
Innenraumeinheit einer Klimaanlage

Title (fr)
Unité d'intérieur pour climatiseur

Publication
EP 1816404 A3 20120201 (EN)

Application
EP 06256320 A 20061212

Priority
• KR 20060011655 A 20060207
• KR 20060011656 A 20060207

Abstract (en)
[origin: EP1816404A2] The present invention relates to an indoor unit of an air conditioner for minimizing a resistance to air being discharged, and preventing electric cable from being exposed. For this, the indoor unit of an air conditioner includes a cabinet (10), and an outlet unit (40) mounted to the cabinet for guiding air being discharged from an inside, wherein the outlet unit (40) includes a body (42) mounted to the cabinet, the body having an air outlet (41), a vane (44) mounted to the body (42) for opening/closing the air outlet (41), and a safety net (46) detachably mounted to the air outlet of the body (42).

IPC 8 full level
F24F 1/00 (2011.01)

CPC (source: EP)
F24F 1/0011 (2013.01); F24F 1/0057 (2019.01); F24F 1/0068 (2019.01); F24F 2013/207 (2013.01)

Citation (search report)
• [XI] WO 02086393 A1 20021031 - LG ELECTRONICS INC [KR], et al
• [XI] EP 1152193 A1 20011107 - DAIKIN IND LTD [JP]
• [XI] US 5626517 A 19970506 - KIL YONG H [KR]
• [XI] EP 1367336 A1 20031203 - DAIKIN IND LTD [JP]
• [XJ] EP 1580493 A1 20050928 - DAIKIN IND LTD [JP]
• [I] EP 1271065 A2 20030102 - LG ELECTRONICS INC [KR]
• [I] EP 0774628 A2 19970521 - MITSUBISHI ELECTRIC CORP [JP]
• [A] WO 02103250 A2 20021227 - LG ELECTRONICS INC [KR], et al
• [A] DE 19526747 A1 19960215 - SAMSUNG ELECTRONICS CO LTD [KR]
• [XI] JP 2004317051 A 20041111 - FUJITSU GENERAL LTD
• [XI] JP 2005016832 A 20050120 - DAIKIN IND LTD
• [XI] JP 2005016801 A 20050120 - DAIKIN IND LTD
• [XI] JP 2005188814 A 20050714 - TOSHIBA CARRIER KK
• [XI] JP 2004170054 A 20040617 - SANYO ELECTRIC CO, et al

Cited by
CN110296511A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1816404 A2 20070808; EP 1816404 A3 20120201; EP 1816404 B1 20160323; ES 2566727 T3 20160415; WO 2007091768 A2 20070816;
WO 2007091768 A3 20090514

DOCDB simple family (application)
EP 06256320 A 20061212; ES 06256320 T 20061212; KR 2006005139 W 20061130