

Title (en)
Indoor unit for air conditioner

Title (de)
Innenraumeinheit einer Klimaanlage

Title (fr)
Unité intérieure d'un climatiseur

Publication
EP 1780474 A3 20090225 (EN)

Application
EP 06255384 A 20061019

Priority
• KR 20050101485 A 20051026
• KR 20050101486 A 20051026
• KR 20060004227 A 20060116

Abstract (en)
[origin: EP1780474A2] An indoor unit (100) for an air conditioner includes a casing (102), a front panel (160) installed in front of the casing (102), an air discharge panel (170) installed movably on a side portion of the front panel (160) to selectively open and close an air outlet, and an air discharge vane (122) provided on a side portion of the casing (102) to guide an air exhaust direction.

IPC 8 full level
F24F 1/0057 (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0073** (2019.01)

CPC (source: EP US)
F24F 1/0014 (2013.01 - EP); **F24F 1/0057** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US);
F24F 13/20 (2013.01 - EP US); **F24F 13/14** (2013.01 - EP)

Citation (search report)
• [X] EP 1271065 A2 20030102 - LG ELECTRONICS INC [KR]
• [X] JP 2003130385 A 20030508 - SHARP KK
• [A] EP 1571401 A2 20050907 - LG ELECTRONICS INC [KR]
• [A] US 5904048 A 19990518 - LEE GAB-YOUL [KR]
• [A] JP H08247528 A 19960927 - FUJITSU GENERAL LTD
• [X] JP H11201490 A 19990730 - FUJITSU GENERAL LTD
• [X] JP 2000121094 A 20000428 - FUJITSU GENERAL LTD
• [X] US 5807170 A 19980915 - LEE GAB-YOUL [KR]

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US2018274814A1; EP2180272A4; US10634384B2; US2018119984A1; CN108870536A; US10458673B2; US10788238B2; US11739976B2

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 1780474 A2 20070502; EP 1780474 A3 20090225; EP 1780474 B1 20180110; AU 2006306950 A1 20070503; AU 2006306950 B2 20100819;
WO 2007049870 A2 20070503; WO 2007049870 A3 20090730

DOCDB simple family (application)
EP 06255384 A 20061019; AU 2006306950 A 20061013; KR 2006004127 W 20061013