

Title (en)  
Indoor unit of air conditioner

Title (de)  
Innenraumeinheit einer Klimaanlage

Title (fr)  
Unité intérieure d'un climatiseur

Publication  
**EP 1813876 A3 20110105 (EN)**

Application  
**EP 06256299 A 20061211**

Priority  
• KR 20060008345 A 20060126  
• KR 20060008349 A 20060126

Abstract (en)  
[origin: EP1813876A2] Indoor unit (100) of an air conditioner including a fan (26), a cabinet (20) having the fan (26) mounted therein, an outlet (22) for discharging the air from the fan (26) to an outside of the indoor unit (100), and a guide portion (60,70) for surrounding an one side of an outside circumferential surface of the fan, a heat exchanger (50) in the cabinet for making heat exchange with the air from the fan, and air guides (60,70) each in contact with, and supported on the guide portion (80) for guiding the air from the fan to the outlet, thereby permitting easy mounting of the air guides (60,70) to the indoor unit (100), and easy mounting of the refrigerant piping even if a mounting direction of the refrigerant piping to be connected to a heat exchanger in the indoor unit is changed.

IPC 8 full level  
**F24F 1/0057** (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0068** (2019.01)

CPC (source: EP US)  
**F24F 1/0057** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0068** (2019.01 - EP US); **F24F 2013/205** (2013.01 - EP)

Citation (search report)  
• [X] EP 1522795 A1 20050413 - LG ELECTRONICS INC [KR]  
• [X] EP 1526339 A2 20050427 - LG ELECTRONICS INC [KR]  
• [X] EP 1041351 A1 20001004 - DAIKIN IND LTD [JP]  
• [X] EP 1580493 A1 20050928 - DAIKIN IND LTD [JP]  
• [X] EP 1248048 A2 20021009 - FUJITSU GENERAL LTD [JP]  
• [X] US 5194043 A 19930316 - TAKAHASHI NORIO [US], et al  
• [X] EP 0930472 A2 19990721 - MITSUBISHI ELECTRIC CORP [JP]

Cited by  
JP2015017740A

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 1813876 A2 20070801**; **EP 1813876 A3 20110105**; WO 2007086640 A2 20070802; WO 2007086640 A3 20090522

DOCDB simple family (application)  
**EP 06256299 A 20061211**; KR 2006005068 W 20061128