

Title (en)  
Indoor unit of air conditioner

Title (de)  
Innenraumeinheit einer Klimaanlage

Title (fr)  
Unité d'intérieur d'un dispositif de conditionnement d'air

Publication  
**EP 1659343 A3 20100818 (EN)**

Application  
**EP 05024653 A 20051111**

Priority  
KR 20040096306 A 20041123

Abstract (en)  
[origin: EP1659343A2] An indoor unit of an air conditioner is disclosed. The air conditioner is an apparatus that cools or heats an indoor space by circulating refrigerant in one direction or another. The indoor unit of the air conditioner comprises a case spaced apart from the ceiling of a room by a predetermined distance, an indoor heat exchanger provided in the case to heat or cool the room, and a fan and fan motor provided in the case to suction and discharge air.

IPC 8 full level  
**F24F 1/00** (2006.01); **F24F 1/0047** (2019.01); **F24F 1/0063** (2019.01)

CPC (source: EP KR US)  
**F24F 1/00** (2013.01 - KR); **F24F 1/0047** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 13/06** (2013.01 - KR)

Citation (search report)

- [X] EP 0849543 A1 19980624 - RICAGNI CONDIZIONATORI SPA [IT]
- [X] US 2756569 A 19560731 - KRITZER RICHARD W
- [A] US 5524450 A 19960611 - CHEN TZE L [TW]
- [A] DD 1507 A1 19520731 - TAUBENHEIM CURT [DE]
- [A] US 6240247 B1 20010529 - REIKER KENNETH H [US]

Cited by  
DE102014006580A1

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 YU

DOCDB simple family (publication)  
**EP 1659343 A2 20060524; EP 1659343 A3 20100818; EP 1659343 B1 20111019**; CN 100368735 C 20080213; CN 1782543 A 20060607; KR 100606733 B1 20060802; KR 20060057218 A 20060526; US 2006107684 A1 20060525

DOCDB simple family (application)  
**EP 05024653 A 20051111**; CN 200510128644 A 20051123; KR 20040096306 A 20041123; US 28396005 A 20051122