

Title (en)  
INDOOR UNIT OF AIR-CONDITIONER

Title (de)  
INNENRAUMEINHEIT EINER KLIMAANLAGE

Title (fr)  
UNITE INTERIEURE DE CLIMATISEUR

Publication  
**EP 1922515 B1 20111019 (EN)**

Application  
**EP 06796300 A 20060731**

Priority  
• JP 2006315544 W 20060731  
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• JP 2005352565 A 20051206

Abstract (en)  
[origin: WO2007020827A1] Suction ports 4 and 6 and a blowoff port 9 are equipped on a ventilation passage between the suction ports 4 and 6 and blowoff port 9, a heat exchanger 10 and a blower 13 are arranged to an indoor unit proper 1, and air filters 11A and 11B are mounted between the suction port and the heat exchanger. In addition, a ventilation unit 15 which discharges indoor air to the outside is equipped, and air filters have a sweeping unit Z which removes dust adhering to the air filter surfaces and collects it in a dust box. The ventilation unit has a fan casing on which an intake port 31 and an exhaust port 32 are provided, an exhaust fan 35, and a connection hose 55 which communicates with a dust box of the sweeping unit and the ventilation unit, wherein the head end portion of the connection hose is connected to the outer circumferential portion upstream of the exhaust port of the fan casing.

IPC 8 full level  
**F24F 1/0041** (2019.01); **F24F 1/0057** (2019.01); **F24F 1/0063** (2019.01); **F24F 1/0067** (2019.01); **F24F 1/0073** (2019.01); **F24F 1/0083** (2019.01); **F24F 8/10** (2021.01)

CPC (source: EP KR US)  
**F24F 1/00** (2013.01 - KR); **F24F 1/0033** (2013.01 - EP); **F24F 1/0041** (2019.01 - EP US); **F24F 1/0057** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 1/0067** (2019.01 - EP US); **F24F 1/0073** (2019.01 - EP US); **F24F 1/0083** (2019.01 - EP US); **F24F 8/10** (2021.01 - EP KR US); **F24F 8/90** (2021.01 - EP); **F24F 13/10** (2013.01 - KR); **F24F 13/28** (2013.01 - KR); **F24F 1/0022** (2013.01 - EP); **F24F 1/0025** (2013.01 - EP)

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**WO 2007020827 A1 20070222**; CN 101243291 A 20080813; CN 101243291 B 20100908; EP 1922515 A1 20080521; EP 1922515 A4 20100811; EP 1922515 B1 20111019; JP 2009505032 A 20090205; JP 5031729 B2 20120926; KR 100917725 B1 20090915; KR 20080025206 A 20080319

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