

Title (en)  
Air conditioner

Title (de)  
Klimaanlage

Title (fr)  
Dispositif de conditionnement d'air

Publication  
**EP 1630481 A3 20080213 (EN)**

Application  
**EP 05018127 A 20050820**

Priority  
• JP 2004248715 A 20040827  
• JP 2005146438 A 20050519

Abstract (en)  
[origin: EP1630481A2] An air conditioner comprises an air conditioner body (2) and a front panel (7) covering the front of the air conditioner body. The front panel (7) is supported on the air conditioner body (2) as reciprocally movable by a drive mechanism (27) between a first state closed and a second state open to ensure a certain air intake. The drive mechanism (27) includes a drive cum member (33) provided on the air conditioner body (2) and operative to reciprocally swing by an electrically driven mechanism (34), and a follower cum member (35) provided to impinge on the drive cum member (33) and operative to reciprocally swing by the drive cum member (33).

IPC 8 full level  
**F24F 1/0071** (2019.01); **F24F 13/08** (2006.01); **F24F 13/20** (2006.01)

CPC (source: EP KR US)  
**F24F 1/0057** (2019.01 - EP KR); **F24F 1/0063** (2019.01 - KR); **F24F 1/0071** (2019.01 - EP US); **F24F 13/084** (2013.01 - EP); **F24F 13/085** (2013.01 - EP); **F24F 13/20** (2013.01 - EP KR); **F24F 13/30** (2013.01 - KR); **F24F 2013/207** (2013.01 - KR); **F24F 2221/17** (2013.01 - KR)

Citation (search report)  
• [X] JP 2000111082 A 20000418 - FUJITSU GENERAL LTD  
• [X] JP 2003074962 A 20030312 - TOSHIBA CARRIER KK  
• [A] JP H036232 U 19910122  
• [A] WO 03014628 A2 20030220 - LG ELECTRONICS INC [KR], et al  
• [A] JP 2003074897 A 20030312 - TOSHIBA CARRIER KK

Cited by  
EP1950502A1; EP1950501A1; EP1837607A3; EP2245378A4; WO2009096613A2

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 1630481 A2 20060301**; **EP 1630481 A3 20080213**; CN 100363687 C 20080123; CN 1740657 A 20060301; JP 2006090695 A 20060406; JP 4624174 B2 20110202; KR 100749286 B1 20070814; KR 20060050138 A 20060519; TW 200619569 A 20060616; TW I269015 B 20061221

DOCDB simple family (application)  
**EP 05018127 A 20050820**; CN 200510097724 A 20050824; JP 2005146438 A 20050519; KR 20050063335 A 20050713; TW 94129039 A 20050825