

Title (en)
AIR CONDITIONER

Title (de)
KLIMAAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 1878976 A1 20080116 (EN)

Application
EP 06731997 A 20060417

Priority
• JP 2006308068 W 20060417
• JP 2005124013 A 20050421

Abstract (en)
In an air conditioner of a ceiling-installed type provided with a casing (10), a ceiling panel (20) installed at a lower end part of a casing (10), and a suction grill (22) attached to the ceiling panel (20), the ceiling panel (20) having a removable type or an opening-closing type suction grill (22) and the ceiling panel (20) having an elevating-lowering type suction grill (22) are configured to be shared to curtail a waste in cost. To this end, the ceiling panel (20) is configured to have a ceiling panel body (26), a frame (27) arranged on an inner periphery side of this ceiling panel body (26) and to which the suction grill (22) is attached, and an attachment mechanism for attaching the frame (27) to the ceiling panel body (26).

IPC 8 full level
F24F 1/0047 (2019.01); **F24F 13/20** (2006.01)

CPC (source: EP KR US)
F24F 1/00 (2013.01 - KR); **F24F 1/0047** (2019.01 - EP US); **F24F 13/082** (2013.01 - EP US); **F24F 13/20** (2013.01 - KR); **F24F 13/084** (2013.01 - EP US)

Citation (search report)
See references of WO 2006115103A1

Cited by
EP3594584A4; US10989438B2

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

DOCDB simple family (publication)
EP 1878976 A1 20080116; AU 2006240796 A1 20061102; CN 101156027 A 20080402; JP 2006300433 A 20061102; KR 20070114212 A 20071129; US 2009077987 A1 20090326; WO 2006115103 A1 20061102

DOCDB simple family (application)
EP 06731997 A 20060417; AU 2006240796 A 20060417; CN 200680010910 A 20060417; JP 2005124013 A 20050421; JP 2006308068 W 20060417; KR 20077023595 A 20071015; US 91878106 A 20060417