

Title (en)

AIR CONDITIONER

Title (de)

KLIMAANLAGE

Title (fr)

CLIMATISEUR

Publication

EP 2450643 A1 20120509 (EN)

Application

EP 10793974 A 20100609

Priority

- JP 2010059780 W 20100609
- JP 2009155541 A 20090630

Abstract (en)

The present invention is to provide an air conditioner capable of readily performing maintenance tasks of a drain pan including inspection of an interior of the drain pan and supply of an antibacterial material into the drain pan from an exterior. An air conditioner (A) includes a substantially box-shaped casing (1), a fan (20) arranged in the casing (1), a heat exchanger (30) arranged in the casing (1), a drain pan (40) for storing condensed water from the heat exchanger (30), and a drain pump (50) for discharging the condensed water stored in the drain pan (40) to an exterior of the air conditioner. A passage (60) through which a flexible long body for maintaining the air conditioner (A) is inserted from the exterior to the vicinity of a bottom part of the drain pan (40) is further provided. The passage (60) only includes one, two or more of a straight part, an obtuse bent part and a curved part. The passage (60) has a high level passage part (61) placed at a higher position than a suction port (51) of the drain pump (50).

IPC 8 full level

F24F 1/0047 (2019.01); **F24F 13/28** (2006.01); **F24F 1/0067** (2019.01); **F24F 13/06** (2006.01); **F24F 13/20** (2006.01); **F24F 13/22** (2006.01)

CPC (source: EP US)

F24F 1/0047 (2019.01 - EP US); **F24F 1/0067** (2019.01 - EP US); **F24F 13/20** (2013.01 - EP); **F24F 13/222** (2013.01 - EP);
F24F 2013/0616 (2013.01 - EP); **F24F 2013/227** (2013.01 - EP)

Cited by

DE102014006580A1; EP3842703A4; WO2020040561A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2450643 A1 20120509; EP 2450643 A4 20140507; CN 102439373 A 20120502; CN 102439373 B 20140723; JP 2011012850 A 20110120;
JP 4582246 B1 20101117; WO 2011001804 A1 20110106

DOCDB simple family (application)

EP 10793974 A 20100609; CN 201080023588 A 20100609; JP 2009155541 A 20090630; JP 2010059780 W 20100609