

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
APPAREIL DE CLIMATISATION

Publication
EP 1995526 A1 20081126 (EN)

Application
EP 07737988 A 20070307

Priority
• JP 2007054475 W 20070307
• JP 2006066087 A 20060310

Abstract (en)
In a drain water discharging method for force-feeding drain water via a drain pump, clogging of a drain piping is prevented by controlling the drain pump. An air conditioner has a drain pan for collecting drain water that is dropped from a heat exchanger, a drain pump for discharging the drain water in the drain pan, and a DC motor for driving the drain pump. The DC motor for driving the drain pump is controlled to increase its rotating speed when a rotary torque of the DC motor is increased.

IPC 8 full level
F24F 1/0063 (2019.01); **F24F 1/0047** (2019.01); **F24F 13/22** (2006.01)

CPC (source: EP KR US)
F24F 1/0047 (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US); **F24F 11/00** (2013.01 - KR); **F24F 13/222** (2013.01 - EP US); **F24F 2013/227** (2013.01 - EP US)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1995526 A1 20081126; **EP 1995526 A4 20131030**; AU 2007225863 A1 20070920; AU 2007225863 B2 20100304; CN 101384858 A 20090311; CN 101384858 B 20120229; JP 2007240112 A 20070920; KR 100986869 B1 20101008; KR 20080096551 A 20081030; US 2009084127 A1 20090402; WO 2007105571 A1 20070920

DOCDB simple family (application)
EP 07737988 A 20070307; AU 2007225863 A 20070307; CN 200780005957 A 20070307; JP 2006066087 A 20060310; JP 2007054475 W 20070307; KR 20087020218 A 20070307; US 22370807 A 20070307