

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
APPAREIL DE CLIMATISATION

Publication
EP 1995526 A4 20131030 (EN)

Application
EP 07737988 A 20070307

Priority
• JP 2007054475 W 20070307
• JP 2006066087 A 20060310

Abstract (en)
[origin: EP1995526A1] 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)

Citation (search report)
• [X] JP 2003139344 A 20030514 - SAGINOMIYA SEISAKUSHO INC
• [X] JP H07167482 A 19950704 - MATSUSHITA ELECTRIC IND CO LTD
• [X] JP H109649 A 19980116 - MATSUSHITA REFRIGERATION
• [A] JP H07145986 A 19950606 - MITSUBISHI ELECTRIC CORP
• [A] JP 2004205090 A 20040722 - YOGO KOSEI
• See references of WO 2007105571A1

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)
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