

Title (en)
Air-conditioning apparatus

Title (de)
Klimaanlage

Title (fr)
Appareil de climatisation

Publication
EP 2426428 A1 20120307 (EN)

Application
EP 11006360 A 20110802

Priority
JP 2010196101 A 20100901

Abstract (en)
An air-conditioning apparatus (100 (200)) capable of air-conditioning operation and provided with a drain pan (9) that collects condensed water (13) caused in a heat exchanger as drain water (12) includes: a drain pump (10) drains the drain water (12) collected in the drain pan (9); and a controller (60 (201)) controls the drain pump (10), compares a rotation speed (current value to be supplied) of the drain pump (10) with a preset reference value of rotation speed (V) (reference value of current (I)), and determines the presence or absence of a sign of drain failure of the drain pump (10) on the basis of the result of the comparison.

IPC 8 full level
F24F 13/22 (2006.01)

CPC (source: EP)
F24F 13/222 (2013.01); **F24F 11/32** (2017.12)

Citation (applicant)
JP H05141686 A 19930608 - MATSUSHITA SEIKO KK

Citation (search report)

- [A] JP 2008096002 A 20080424 - MITSUBISHI ELECTRIC CORP, et al
- [A] EP 2085711 A2 20090805 - SANYO ELECTRIC CO [JP]
- [A] US 2010052921 A1 20100304 - CANTOLINO CHRISTOPHER R [US]
- [A] EP 2199701 A1 20100623 - TOSHIBA CARRIER CORP [JP]
- [AD] JP H05141686 A 19930608 - MATSUSHITA SEIKO KK
- [A] JP 2009216321 A 20090924 - YAMATAKE CORP

Cited by
CN114811871A; EP4130598A4; CN114811873A; CN114659227A; CN114543172A; GB2544991A; GB2544991B; CN109028453A

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2426428 A1 20120307; **EP 2426428 B1 20130403**; ES 2402983 T3 20130513; JP 2012052743 A 20120315; JP 5295189 B2 20130918

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EP 11006360 A 20110802; ES 11006360 T 20110802; JP 2010196101 A 20100901