

Title (en)

Air-conditioning monitoring system, control method therefor, air conditioner, and centralized monitoring apparatus

Title (de)

Klimaanlagenüberwachungssystem, Steuerverfahren dafür, Klimaanlage und zentralisierte Überwachungsvorrichtung

Title (fr)

Système de surveillance de la climatisation, procédé de commande correspondant, appareil de climatisation et appareil de surveillance centralisé

Publication

EP 2351971 A2 20110803 (EN)

Application

EP 10180152 A 20100927

Priority

JP 2010001996 A 20100107

Abstract (en)

An air-conditioning monitoring system (1) includes an air conditioner that shifts to a normal operation after a test operation is executed and that is controlled by a remote controller; and a centralized monitoring apparatus (3) that collects operating information of the air conditioner, the air conditioner and the centralized monitoring apparatus (3) being connected via a network. The air conditioner includes a test operation data collecting section (52) that collects and outputs test operation data that indicates an operating condition obtained when the test operation is executed; and a switching section (53) that switches the air conditioner to a state where control through the remote controller is permitted, when permission data for permitting control through the remote controller is received. The centralized monitoring apparatus (3) includes a permission data output section (30) that outputs the permission data to the air conditioner, when there is no abnormality in the test operation data obtained from the air conditioner.

IPC 8 full level

F24F 11/00 (2006.01)

CPC (source: EP US)

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F24F 11/56 (2017.12 - EP US); **F24F 11/57** (2017.12 - EP US); **F24F 11/58** (2017.12 - EP US); **F24F 11/64** (2017.12 - EP US);
F24F 11/32 (2017.12 - EP); **F24F 2140/00** (2017.12 - EP US)

Citation (applicant)

- JP 2010001996 A 20100107 - NTN TOYO BEARING CO LTD
- JP 2009014233 A 20090122 - HITACHI APPLIANCES INC

Cited by

US10408485B2; EP3220230A4; EP2950010A1; CN104422089A; AU2014215943B2; EP2853824A3; CN107111543A; EP3220271A4;
CN110986291A; EP3232132A4; CN108700320A; AU2016395065B2; US9958179B2; CN107407492A; EP3276271A4; US2018142913A1;
WO2013104038A1

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

Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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