

Title (en)

CONTROL DEVICE, AIR-CONDITIONING SYSTEM INCLUDING THE SAME, AND CONTROL METHOD THEREFOR

Title (de)

STEUERUNGSVORRICHTUNG, KLIMATISIERUNGSSYSTEM DAMIT UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE COMMANDE, SYSTÈME DE CLIMATISEUR D'AIR LE COMPRENANT ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication

EP 3184925 A1 20170628 (EN)

Application

EP 16204565 A 20161216

Priority

JP 2015248624 A 20151221

Abstract (en)

To achieve both of wind direction control by a louver and adjustment of a feeling of draft, while maintaining a level of comfort. Provided is a control device (50) for an air conditioner, the air conditioner including: an outlet for conditioned air; a louver that is pivotally provided at the outlet; an anti draft function that is pivotable between a withdrawn position flush with the panel body and a louver-direction position facing the conditioned air blown out from the outlet; and a pivot mechanism that causes the anti draft function to pivot between the two positions, the control device including a control unit (52) that causes the anti draft function to move to a position where the conditioned air blown out from the louver is not blocked, depending on an operation state of the air conditioner, and inactivates the anti draft function.

IPC 8 full level

F24F 13/20 (2006.01); **F24F 1/00** (2011.01); **F24F 13/08** (2006.01)

CPC (source: EP)

F24F 1/0014 (2013.01); **F24F 1/0047** (2019.02); **F24F 13/082** (2013.01); **F24F 13/20** (2013.01)

Citation (applicant)

JP 2010032062 A 20100212 - HITACHI APPLIANCES INC

Citation (search report)

- [XA] US 2009241576 A1 20091001 - TSUJI KAICHI [JP], et al
- [X] CN 104697058 A 20150610 - GUANGDONG MEDIA REFRIGERATION EQUIPMENT CO LTD, et al
- [A] EP 2899472 A1 20150729 - LG ELECTRONICS INC [KR]
- [AD] JP 2010032062 A 20100212 - HITACHI APPLIANCES INC

Cited by

CN108180605A; CN108224713A; EP4023946A4; WO2019127860A1; EP3686509A4; EP4321816A3; WO2019127862A1

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 3184925 A1 20170628; **EP 3184925 B1 20240306**; **EP 3184925 C0 20240306**; JP 2017116120 A 20170629

DOCDB simple family (application)

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