

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 3184924 A1 20170628 (EN)

Application

EP 16203721 A 20161213

Priority

JP 2015248623 A 20151221

Abstract (en)

To achieve both of wind direction control by a louver and suppression of a feeling of draft, while maintaining a level of comfort, there is provided a control device (50) for an 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conditioned air; a louver that is pivotally provided at the outlet; an anti draft function that is pivotable between a withdrawn position and a louver-direction position; and a pivot mechanism, the control device including: a storage unit (51) that stores correspondence information for linking positional information on the louver to positional information on the anti draft function that blocks the conditioned air blown out from a position of the louver; and a control unit (52) that determines a position of the anti draft function corresponding to a current position of the louver based on the correspondence information and causes the anti draft function to move to the determined position.

IPC 8 full level

F24F 13/20 (2006.01); **F24F 1/00** (2011.01); **F24F 13/14** (2006.01)

CPC (source: EP)

F24F 1/0014 (2013.01); **F24F 1/0047** (2019.02); **F24F 13/14** (2013.01); **F24F 13/20** (2013.01)

Citation (applicant)

JP 2010032062 A 20100212 - HITACHI APPLIANCES INC

Citation (search report)

- [A] EP 2899472 A1 20150729 - LG ELECTRONICS INC [KR]
- [A] US 2009241576 A1 20091001 - TSUJI KAICHI [JP], et al

Cited by

CN113623736A; EP3764017A4; CN109084457A; EP3764016A4; EP4023947A4; CN107174876A; EP3686507A4; EP4339526A3; CN108800491A; EP3680573A4; AU2018330131B2

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 3184924 A1 20170628; **EP 3184924 B1 20240410**; **EP 3184924 C0 20240410**; JP 2017116119 A 20170629; JP 6498598 B2 20190410

DOCDB simple family (application)

EP 16203721 A 20161213; JP 2015248623 A 20151221