

Title (en)

AIR CONDITIONER AND CONTROL METHOD THEREOF

Title (de)

KLIMAANLAGE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

CLIMATISEUR ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication

EP 3708918 A4 20200916 (EN)

Application

EP 19850843 A 20190524

Priority

- CN 201910052984 A 20190121
- CN 2019088230 W 20190524

Abstract (en)

[origin: EP3708918A1] The present invention belongs to the technical field of air conditioners, and in particular relates to an air conditioner and a control method therefor. The present invention aims to solve the problem that it is difficult for the ways of adjusting parameters in existing air conditioners to fit the user's requirements well. To this end, the control method of the present invention includes the following steps: acquiring set parameter information; and setting an operation template for the air conditioner according to the parameter information. In the present invention, parameter information stored in a cloud may be acquired as the set parameter information, or parameter information input by a control terminal may be acquired as the set parameter information. Then, the operation template may be set according to the parameter information, that is, the user may select the parameter information stored in the cloud to set the operation template, so that the user does not need to set various parameter information by himself/herself, thereby effectively simplifying the user's operation; or, the user may also set the operation template by selecting the parameter information input by the control terminal itself, so that each parameter information can better fit the user's requirements on use, thereby maximally improving the user experience.

IPC 8 full level

F24F 11/00 (2018.01); **F24F 11/30** (2018.01); **F24F 11/52** (2018.01); **F24F 11/56** (2018.01); **F24F 11/59** (2018.01); **F24F 11/62** (2018.01);
F24F 11/64 (2018.01); **F24F 11/65** (2018.01)

CPC (source: EP)

F24F 11/30 (2017.12); **F24F 11/52** (2017.12); **F24F 11/56** (2017.12); **F24F 11/59** (2017.12); **F24F 11/62** (2017.12)

Citation (search report)

- [X] US 2018299162 A1 20181018 - ALBERTH JR WILLIAM P [US]
- [X] KR 20090041603 A 20090429 - LG ELECTRONICS INC [KR]
- [X] US 2018320908 A1 20181108 - LORENZ THOMAS B [US], et al
- [X] JP H09257297 A 19970930 - TOSHIBA CORP
- [X] US 2014277756 A1 20140918 - BRUCE BRADLEY STEVE [US], et al
- [X] US 2005116023 A1 20050602 - AMUNDSON JOHN B [US], et al
- See references of WO 2020151141A1

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 3708918 A1 20200916; EP 3708918 A4 20200916; CN 109751726 A 20190514; WO 2020151141 A1 20200730

DOCDB simple family (application)

EP 19850843 A 20190524; CN 2019088230 W 20190524; CN 201910052984 A 20190121