

Title (en)

AIR CONDITIONER STARTING FREQUENCY DETERMINING METHOD AND SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUM BESTIMMEN DER STARTFREQUENZ EINER KLIMAAANLAGE

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTERMINATION DE FRÉQUENCE DE DÉMARRAGE DE CLIMATISEUR

Publication

EP 4067763 A4 20230802 (EN)

Application

EP 20891769 A 20200707

Priority

- CN 201911176017 A 20191126
- CN 2020100513 W 20200707

Abstract (en)

[origin: EP4067763A1] An air conditioner starting frequency determining method and system. The method comprises: comparing an acquired actual temperature value of the outdoor environment with preset first and second temperature thresholds, and determining the starting frequency of an air conditioner on the basis of the comparison result. The starting frequency of the air conditioner can be adjusted according to the actual temperature value of the outdoor environment, so that the air conditioner can be turned on normally without failure even when the outdoor temperature is high.

IPC 8 full level

F24F 11/00 (2018.01); **F24F 11/48** (2018.01); **F24F 11/49** (2018.01); **F24F 11/64** (2018.01); **F24F 11/86** (2018.01)

CPC (source: CN EP)

F24F 5/00 (2013.01 - CN); **F24F 11/48** (2017.12 - EP); **F24F 11/49** (2017.12 - CN EP); **F24F 11/64** (2017.12 - CN EP); **F24F 11/86** (2017.12 - CN EP); **F24F 11/88** (2017.12 - CN); **F24F 2110/12** (2017.12 - CN EP)

Citation (search report)

- [XAI] CN 106871334 A 20170620 - GREE ELECTRIC APPLIANCES INC ZHUHAI
- [XI] CN 108534320 A 20180914 - GUANGDONG MIDEA REFRIGERATION EQUIPMENT CO LTD, et al
- [A] CN 110332682 A 20191015 - NINGBO AUX ELECTRIC CO LTD
- See references of WO 2021103542A1

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

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EP 4067763 A1 20221005; **EP 4067763 A4 20230802**; CN 112944509 A 20210611; WO 2021103542 A1 20210603

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