Title (en)
METHOD AND APPARATUS FOR DETERMINING INDOOR SET TEMPERATURE, STORAGE MEDIUM AND AIR CONDITIONER

Title (de)
VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG DER INNENRAUM-SOLLWERTTEMPERATUR, SPEICHERMEDIUM UND KLIMAANLAGE

Title (fr)
PROCÉDÉ ET APPAREIL POUR DÉTERMINER UNE TEMPÉRATURE DE CONSIGNE INTÉRIEURE, SUPPORT DE STOCKAGE ET DISPOSITIF DE CONDITIONNEMENT D'AIR

Publication
EP 3919833 A1 20211208 (EN)

Application
EP 19928002 A 20191230

Priority
- CN 201910381165 A 20190508
- CN 2019129761 W 20191230

Abstract (en)
A method and a device for determining a set indoor temperature, a storage medium and an air conditioner, the method includes: determining whether a fluctuation in indoor ambient temperatures within a set duration reaches a set fluctuation threshold; if the fluctuations reach the set fluctuation threshold, then determining the set indoor temperature according to a set self-adaptive mode. The self-adaptive mode includes determining the set indoor temperature based on a balance principle of a thermal load of a building and quantity of heat production of an air conditioner. A solution of the present application may solve a problem of poor comfort experience that a user feels hot and cold from time to time due to frequent adjustments for the set indoor temperature of the air conditioner according to an outdoor temperature, and achieves an effect of improving the comfort experience of the user.

IPC 8 full level
F24F 11/64 (2018.01); **F24F 11/61** (2018.01); **F24F 11/65** (2018.01)

CPC (source: CN EP)
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Cited by
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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 3919833 A1 20211208; **EP 3919833 A4 20220323**; CN 110107994 A 20190809; CN 110107994 B 20200417; WO 2020224280 A1 20201112

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EP 19928002 A 20191230; CN 201910381165 A 20190508; CN 2019129761 W 20191230