

Title (en)

METHOD AND APPARATUS FOR CONTROLLING AIR CONDITIONER, AND ELECTRONIC DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER KLIMAANLAGE UND ELEKTRONISCHE VORRICHTUNG

Title (fr)

PROCÉDÉ ET APPAREIL DE COMMANDE DE CLIMATISEUR ET DISPOSITIF ÉLECTRONIQUE

Publication

**EP 4328506 A1 20240228 (EN)**

Application

**EP 22874212 A 20220506**

Priority

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Abstract (en)

A method and an apparatus for controlling an air conditioner, and an electronic device are provided in the present application. The method is applied to a controller of the air conditioner and includes: obtaining temperature data and humidity data of the air conditioner; inputting a mode, a prediction type, temperature data and humidity data of the air conditioner into a pre-trained prediction model of the air conditioner, and outputting a predicted time of the air conditioner; and controlling a startup or a shutdown of the air conditioner based on the predicted time. In this method, the mode, the prediction type, the temperature data and the humidity data of the air conditioner are input into the pre-trained prediction model of the air conditioner, the predicted time of the air conditioner is output, and the startup or the shutdown of the air conditioner is controlled based on the predicted time. According to this method, the predicted startup time and the predicted shutdown time of the air conditioner are predicted through the prediction model, an energy consumption of the air conditioner may be saved, an occurrence of waste of energy would not be caused, the air conditioner has an excellent thermal adaptability.

IPC 8 full level

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CPC (source: CN EP US)

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