

Title (en)

CONTROL METHOD AND DEVICE FOR AIR CONDITIONER

Title (de)

STEUERVERFAHREN UND -VORRICHTUNG FÜR EINE KLIMAAANLAGE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE POUR CLIMATISEUR

Publication

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Application

**EP 18801309 A 20180428**

Priority

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Abstract (en)

A control method for an air conditioner includes: determining the frosting state of an indoor unit when an air conditioner is operated in a refrigeration mode (S301); and controlling to block a refrigerant pipeline flowing to the indoor unit (S302) when the indoor unit frosts in the refrigeration mode. According to the control method, by controlling to block the refrigerant pipeline flowing to a heat exchanger which frosts, continuous input of a low-temperature refrigerant to the frosted heat exchanger can be stopped, so as to avoid further aggravation of the frosting problem. Moreover, the heat exchanger can be naturally defrosted and deiced by means of the temperature of an environment of the heat exchanger, so as to achieve the freezing protection effect for the heat exchanger of the air conditioner. A control device for an air conditioner is further disclosed.

IPC 8 full level

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CPC (source: EP RU)

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