

Title (en)

FREEZING AND REFRIGERATING DEVICE AND DEFROSTING CONTROL METHOD THEREOF

Title (de)

GEFRIER- UND KÜHLVORRICHTUNG UND ABTAUSTEUERUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE CONGÉLATION ET DE RÉFRIGÉRATION ET PROCÉDÉ DE COMMANDE DE DÉGIVRAGE ASSOCIÉ

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Application

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Abstract (en)

The present invention relates to a freezing and refrigerating device and a defrosting control method thereof. The freezing and refrigerating device comprises a box body and a door body. At least one storage compartment, an air supply path supplying cooling air flow to the storage compartment, an air return path enabling the air flow from the storage compartment to pass, a cooling chamber and an air discharging path are defined in the box body, wherein the cooling chamber communicates with the air supply path and the air return path, and contains an evaporator, a blower and a defrosting heater, and the air discharging path communicates with the cooling chamber and an ambient space. The air supply path and the air discharging path are respectively provided with an air supply door and an air discharging door for selectively connecting or blocking the air supply path and the air return path. The present invention further provides a defrosting control method of the freezing and refrigerating device. The method comprises the steps of receiving a defrosting signal, starting the defrosting heater located on the evaporator, closing the air supply door, and opening the air discharging door so that hot air generated by defrosting can be discharged to the ambient space.

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