

Title (en)

A COOLING DEVICE WITH A CONTROL UNIT FOR CONTROLLING COOLING AND DEFROSTING

Title (de)

KÜHL-VORRICHTUNG MIT EINER STEUEREINHEIT ZUR STEUERUNG DER KÜHLUNG UND ENTEISUNG

Title (fr)

DISPOSITIF DE REFROIDISSEMENT COMPRENANT UNE UNITÉ DE COMMANDE DU REFROIDISSEMENT ET DU DÉGIVRAGE

Publication

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Application

**EP 11790796 A 20111206**

Priority

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Abstract (en)

[origin: WO2012089454A2] The present invention relates to a cooling device (1) comprising at least one cabin (2) wherein the items to be cooled are placed, a compressor (3) that circulates the refrigerant fluid in the refrigeration cycle by compressing, at least one evaporator (4) providing the cabin (2) interior volume to be cooled by absorbing the thermal energy, a cabin temperature sensor (6) that measures the temperature of the cabin (2) interior, at least one collection container (7) wherein the frost accumulated around the evaporator (4) falls, at least one heater (8) providing the frost falling into the collection container (7) to be melted by heating and a control unit (9) that controls the operation of the compressor (3) and the heaters (8), and wherein less energy consumption is provided in the defrost cycle.

IPC 8 full level

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