

Title (en)  
A REFRIGERATOR OPERATING INDEPENDENTLY OF THE AMBIENT TEMPERATURE

Title (de)  
KÜHLSCHRANK BETRIEBEN UNABHÄNGIG VON DER UMGEBUNGSTEMPERATUR

Title (fr)  
RÉFRIGÉRATEUR FONCTIONNANT INDÉPENDAMMENT DE LA TEMPÉRATURE AMBIANTE

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Abstract (en)  
[origin: WO2011000706A2] The present invention relates to a cooling device (1) comprising at least one cooling compartment (2); at least one freezing compartment (3); an insulative intermediate wall (4) that separates the compartments (2 and 3) from each other; at least one evaporator (5) that provides the cooling of the air circulated in the compartments (2 and 3); a compressor (6) that compresses the refrigerant passing through the evaporator (5) and circulates in the refrigeration cycle; a heater (7) that heats the cooling compartment (2) in order that it can maintain the desired temperature, a sensor (8) that measures the cooling compartment (2) temperature, a fan (9) that is located in the cooling compartment (2) and that circulates the air, which is cooled by the evaporator (5) or heated by the heater (7), and a control unit (10) that regulates the operation of the compressor (6), heater (7) and fan (9) according to the data received from the sensor (8).

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