

Title (en)
COOLING SYSTEM FOR AN ELECTRIC REFRIGERATOR

Title (de)
KÜHLUNGSSYSTEM FÜR ELEKTRISCHEN KÜHLSCHRANK

Title (fr)
SYSTÈME DE REFROIDISSEMENT POUR RÉFRIGÉRATEUR ÉLECTRIQUE

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Application
EP 07703830 A 20070112

Priority

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Abstract (en)
[origin: WO2007082844A2] The invention relates to a cooling system for an electric refrigerator which comprises a compression device, a condensation device and an evaporator device. The above-mentioned compression device comprises two compression devices which are connected together. A check valve is provided between each of said above-mentioned compression devices and the above-mentioned evaporator device. When high cooling power is required by the cooling system of the electric refrigerator, that is, when the electric refrigerator is often used, both above-mentioned compression devices can be operated simultaneously. As a result, the required cooling capacity is provided. The check valve can be controlled by the provision of two connected compression devices. The compressed air provided by the above-mentioned compression devices is condensed by the above-mentioned condensation devices to ensure cooling. No direct flow of the compression air to the above-mentioned evaporating device occurs. When high cooling power is required by the cooling system of the electric refrigerator, it can be provided by any of the above-mentioned compression devices. As a result, the cooling power is sufficient and it is also possible to save energy.

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