

Title (en)

A phase-change material that can be used both inside fridges and carrying bags

Title (de)

Phasenumwandlungsmaterial, das innerhalb von Kühlschränken und Tragetaschen verwendbar ist

Title (fr)

Matériau à changement de phase pouvant être utilisé à la fois à l'intérieur de réfrigérateurs et de sacs de transport

Publication

EP 2806236 A2 20141126 (EN)

Application

EP 14169213 A 20140521

Priority

TR 201306187 A 20130523

Abstract (en)

The invention is related to a cooling system comprising a household refrigerator (100) comprising an evaporator (1) that creates a cooling effect, a condenser (2) that releases out the heat during the cooling cycle, a compressor (3) that compresses the refrigerant to the condenser (2) pressure and -carrying bag (9), phase change material (8) which transfers the heat it has stored to the freezer (4) by being placed inside the lidded (4) section (7) formed on the freezer's (4) door of the refrigerator (100) and which cools the food products present in said insulated carrying bag (9), by being placed in the insulated carrying bag (9).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN108800740A; CN114585917A; US10401074B2; US11248810B2

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DOCDB simple family (publication)

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