

Title (en)

Isothermal container with refrigerant tank and application to fresh product transport

Title (de)

Isolier-Container mit Kältemittelbehälter und Verwendung beim Transport von frischen Produkten

Title (fr)

Conteneur isotherme à réservoir de produit réfrigérant et application au transport de produits frais

Publication

EP 0337860 B1 19960522 (FR)

Application

EP 89400968 A 19890407

Priority

FR 8804659 A 19880408

Abstract (en)

[origin: US4964283A] The present invention relates to an isothermal container with isothermal walls comprising a thermally conducting reservoir (10) for refrigerant product disposed in the upper part of the container; a baffle (3) of thermally insulating material, of a size slightly less than the internal section of the container and having about its periphery an annular space (8) suitable for the free passage of the gas is disposed horizontally below the reservoir (10), at a distance sufficient to delimit in the upper part of the container a region (6) suitable for natural convective heat exchange; the reservoir (10) and the baffle (3) comprising securement and support means (4, 12, 13, 14) in the container (1), characterized in that it computes at least one food compartment (c) disposed in the container, below the plate forming a baffle, of a size substantially less than the internal volume of the container, a space remaining free about the compartment (c) in the container.

IPC 1-7

F25D 3/12; **B65D 81/18**

IPC 8 full level

B65D 81/18 (2006.01); **F25D 3/12** (2006.01)

CPC (source: EP US)

B65D 81/18 (2013.01 - EP US); **F25D 3/125** (2013.01 - EP US)

Cited by

FR2891354A1; US5290580A; US6131404A; RU175886U1; FR2726353A1; US5908649A; US5747082A; EP0631096A1; FR2706990A1; US5511379A; US5566553A; FR2891899A1; NL1016535C2; EP0591047A1; FR2696158A1; US5397010A; EP3244144A1; EP2604956A1; EP0863374A2; FR2758620A1; WO2007042727A1; WO2007036656A1; WO9304949A1

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EP 89400968 A 19890407; CA 596074 A 19890407; DE 68926520 T 19890407; ES 89400968 T 19890407; GR 960401672 T 19960620; PT 9022889 A 19890407; TR 28589 A 19890410; US 33567789 A 19890410