

Title (en)

COOLED PRODUCTS CONTAINER FOR COOLING COOLED PRODUCTS IN A CONTAINER

Publication

EP 0077960 B2 19900919 (DE)

Application

EP 82109374 A 19821009

Priority

CH 663581 A 19811016

Abstract (en)

[origin: US4457142A] A chilling container includes a chilling agent chamber and a chilled goods chamber. The chilling agent chamber is sealed shut to contain e.g. dry ice, is highly insulated from the outside, and is connected by a pressure passage system to the chilled goods chamber which has an opening to the outside and a door. The chilling agent is vaporized in the chilling agent chamber by removal of the heat. A pressure drop occurs and therewith a forced movement with a forced circulation of the vaporized gases into the chilled goods chamber. A wall containing the pressure passage system is cooler and is opposite the door causing convection circulation which reinforces the forced circulation. A wall separating the chambers is relatively highly heat conductive.

IPC 1-7

F25D 3/12

IPC 8 full level

A23L 3/36 (2006.01); **F25D 3/12** (2006.01)

CPC (source: EP US)

F25D 3/125 (2013.01 - EP US)

Cited by

DE202006011143U1

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

EP 0077960 A1 19830504; EP 0077960 B1 19850522; EP 0077960 B2 19900919; CH 653121 A5 19851213; DE 3263777 D1 19850627; HK 56786 A 19860808; JP S5878076 A 19830511; US 4457142 A 19840703

DOCDB simple family (application)

EP 82109374 A 19821009; CH 663581 A 19811016; DE 3263777 T 19821009; HK 56786 A 19860731; JP 18004782 A 19821015; US 43396682 A 19821013