

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
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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

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