

Title (en)
PORTABLE SELF-CONTAINED COOLER/FREEZER APPARATUS FOR USE ON COMMON CARRIER TYPE UNREFRIGERATED TRUCK LINES
AND THE LIKE

Title (de)
BEWEGBARE AUTONOME KÜHL-/GEFRIERANLAGE ZUR VERWENDUNG BEI HERKÖMMLICHEN NICHTGEKÜHLTEN LASTKRAFTWAGEN
UND DERGLEICHEN

Title (fr)
REFRIGERATEUR-CONGELATEUR AUTONOME ET TRANSPORTABLE POUR CAMIONS NON REFRIGERES ET ANALOGUE

Publication
EP 0475933 B1 19960911 (EN)

Application
EP 89905935 A 19890501

Priority
US 8901852 W 19890501

Abstract (en)
[origin: WO9013778A1] A transportable container for carrying refrigerated products in frozen (sub zero) or refrigerated (for example, 40 DEG F) temperatures includes a structural container (12) having an insulated outer shell (14, 15, 16, 17) with an access doorway (21). The upper portion (26) of the container (12) includes a transverse perforated baffle (25) and positioned above the baffle (25) are a pair of spaced apart canisters (27, 28) containing liquid refrigerant (CO₂, for example). A gas or liquid feeder tube (32) penetrates each bottle (27, 28) and communicates with an on/off valve. A feeder tube (32) can draw liquid to dispense for cooling, or it can release gas and pressure within the canister (27, 28), to boil the CO₂. When CO₂ reaches its boiling point, the canister (27, 28), its bracket, and the cold plate reach very cold temperatures to cool the cargo area. The gas is released through copper tubing over the cold plate to act as a method for convection.

IPC 1-7
F25D 3/12; **F25D 3/08**

IPC 8 full level
F25D 3/08 (2006.01); **F25D 3/12** (2006.01)

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F25D 3/125 (2013.01)

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