

Title (en)

Water-tight container for transport in an inert atmosphere.

Title (de)

Wasserdichter Behälter zum Fördern in inerter Atmosphäre.

Title (fr)

Conteneur étanche perfectionné pour le transport sous atmosphère inerte.

Publication

EP 0149411 A2 19850724 (FR)

Application

EP 84440065 A 19841207

Priority

FR 8400538 A 19840113

Abstract (en)

1. Sealed container (1) for transporting under an inert or controlled atmosphere perishable materials which may be in the bulk form or powdered products, in which there are provided systems for the inlet and outlet of the gas of the container and a device for diffusing inert gas inside said container comprising a system for supplying said gas and detachable elements for diffusing the gas, characterised in that the supply system is constituted by the tubular frame (2) of the container (1) formed by horizontal and vertical hollow section members and by a plurality of lateral conduits (3) disposed in pairs on each side of the walls of the container and connected in the region of the horizontal hollow section members of the frame, these conduits being also connected to the diffusing elements constituted by detachable diffusion ramps disposed in central zones of the floor (5) or the container at a suitable distance from the walls of the latter in order to avoid the formation of preferential passage zones in the region of said walls of the container.

Abstract (fr)

Conteneur étanche perfectionné. Conteneur caractérisé en ce que l'on prévoit dans son plancher des rampes de diffusion (4) sous la forme de profilés engagés dans les nervures en creux ou gouttières de sous plancher, l'insufflation étant réalisée à partir de la vanne d'admission (13) à travers les profilés adjacents tubulaires (15) et (2a) constituant l'ossature du conteneur et l'injection dans les rampes (4) par des conduits latéraux (3) débouchant dans le profilé bas (2a) de châssis. Cette invention intéresse les constructeurs de conteneurs routiers, ferroviaires ou maritimes.

IPC 1-7

B65D 88/74

IPC 8 full level

B65D 88/74 (2006.01); **F25D 17/00** (2006.01)

CPC (source: EP)

B65D 88/745 (2013.01); **F25D 17/005** (2013.01); **B65D 2588/746** (2013.01)

Cited by

WO2007036000A1; EP1945538A4; DE102008021516A1; CN100381345C; AU2012268783B2; US5799464A; FR2638434A1; WO9709026A1

Designated contracting state (EPC)

AT BE CH DE GB LI NL

DOCDB simple family (publication)

EP 0149411 A2 19850724; **EP 0149411 A3 19860212**; **EP 0149411 B1 19880413**; AT E33475 T1 19880415; DE 3470404 D1 19880519; FR 2558141 A1 19850719; FR 2558141 B1 19861121; IT 1196345 B 19881116; IT 8423793 A0 19841129

DOCDB simple family (application)

EP 84440065 A 19841207; AT 84440065 T 19841207; DE 3470404 T 19841207; FR 8400538 A 19840113; IT 2379384 A 19841129