

Title (en)

Method and device for transporting bulk materials

Title (de)

Verfahren und Vorrichtung zum Transportieren von Schüttgütern

Title (fr)

Procédé et dispositif pour transporter des matériaux en vrac

Publication

EP 1790570 A3 20070627 (DE)

Application

EP 06123501 A 20061106

Priority

DE 102005056740 A 20051129

Abstract (en)

[origin: EP1790570A2] Method involves rinsing of transport container (2) with inert gas till the container is stocked exclusively with inert gas. The bulk material is filled into the transport container under inert gas atmosphere in such a manner that the entry of air and moisture is avoided. After complete filling of inert gas, a positive pressure exists in the transport container. Emptying of the bulk material from the transport container is accomplished under inert gas atmosphere. Independent claims are also included for the following: (1) Device for transporting bulky material; and (2) Adapter for the device for transporting bulky material.

IPC 8 full level

B65B 31/00 (2006.01); **B65D 88/12** (2006.01)

CPC (source: EP KR US)

B61D 5/08 (2013.01 - KR); **B65D 88/12** (2013.01 - KR); **B65D 88/28** (2013.01 - KR); **B65D 88/30** (2013.01 - EP US); **B65D 90/04** (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1790570 A2 20070530; EP 1790570 A3 20070627; BR PI0604963 A 20071009; CN 1974344 A 20070606; DE 102005056740 A1 20070531; JP 2007145432 A 20070614; KR 20070056976 A 20070604; US 2007122257 A1 20070531

DOCDB simple family (application)

EP 06123501 A 20061106; BR PI0604963 A 20061128; CN 200610114859 A 20060809; DE 102005056740 A 20051129; JP 2006319220 A 20061127; KR 20060118054 A 20061128; US 49465706 A 20060727