

Title (en)

Pressure differential manlid and methods of discharging a shipping container using a pressure differential

Title (de)

Schachtdeckelsystem und Verfahren zum Entladen eines Containers unter Verwendung eines Differenzdrucks

Title (fr)

Système de couvercle et procédés pour décharger un conteneur en utilisant une pression différentielle

Publication

EP 1820750 A3 20080102 (EN)

Application

EP 07102541 A 20070216

Priority

US 35752106 A 20060217

Abstract (en)

[origin: EP1820750A2] A mock manlid system (112) includes a lid defining a first side and an opposing second side and an aperture through which a valve assembly (130) is coupled. The lid seats about a manhole (178) of a shipping container with a conventional manlid (184) retracted. The valve assembly connects to a spillbox (114) located in the manhole for discharging the shipping container under pressure.

IPC 8 full level

B65D 90/10 (2006.01); **B65D 88/54** (2006.01); **B65D 88/62** (2006.01); **B65D 90/24** (2006.01)

CPC (source: EP US)

B65D 88/548 (2013.01 - EP US); **B65D 88/62** (2013.01 - EP US); **B65D 90/10** (2013.01 - EP US); **B65D 90/24** (2013.01 - EP US); **B65D 90/046** (2013.01 - EP US)

Citation (search report)

- [XA] DE 4400918 A1 19950727 - SKE EDELSTAHLTECHNIK GMBH [DE]
- [X] EP 1522786 A2 20050413 - AIR PROD & CHEM [US]
- [A] DE 3142674 A1 19830511 - HAMBURG CONTAINERTECH [DE]
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- [A] LU 38593 A

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BE1021066B1; GB2513844A; GB2513844B; WO2014077939A1; WO2014144333A3; US10086743B2; US10625655B2; US9725236B2; US10124955B2

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 1820750 A2 20070822; **EP 1820750 A3 20080102**; US 2007193649 A1 20070823

DOCDB simple family (application)

EP 07102541 A 20070216; US 35752106 A 20060217