

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 A2 20070822 (EN)**

Application

**EP 07102541 A 20070216**

Priority

US 35752106 A 20060217

Abstract (en)

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)

Cited by

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