

Title (en)

Container liner system for bulk transfer.

Title (de)

Behälterauskleidungssystem für Schüttgutumschlag.

Title (fr)

Système de garniture interne d'un réceptacle pour transfert de matériaux en vrac.

Publication

EP 0538563 A2 19930428 (EN)

Application

EP 92113005 A 19920730

Priority

- US 73825991 A 19910730
- US 89857692 A 19920615

Abstract (en)

This invention relates to systems of handling flowable cargo in lined cargo containers. An inflatable, self-installing liner configured to line the container, when inflated, is installed and inflated within the container. A transparent, rigid bulkhead keeps the filled liner from transferring load directly to access doors to the container. Special inflatable bags are provided between the liner and the container at positions where cargo tends to remain during unloading of the liner. Fluidizing means and agitation means are also provided to enhance the unloading of the cargo. In another embodiment, there is disclosed a novel modular bulkhead configuration that has an interlocking internal construction. This modular bulkhead can be outfitted to include a compartment for housing the liner during shipment, or to receive a cartridge containing a liner. The modular bulkhead can also include a viewport and sample port. <IMAGE>

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Cited by

CN109733758A; US5685688A; US5531361A; CN108609313A; US5494394A; CN113165800A; GB2295606A; GB2295606B; US10815051B2; US10399642B2; US11584483B2; WO9501925A1; WO2010063135A1; US10435118B2; US10953956B2; US9567157B2

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