

Title (en)

INFLATABLE ELEMENT FOR USE INSIDE A CONTAINER

Title (de)

AUFBLASBARES ELEMENT ZUM GEBRAUCH IM INNEREN EINES BEHÄLTERS

Title (fr)

ÉLÉMENT GONFLABLE DESTINÉ À ÊTRE UTILISÉ À L'INTÉRIEUR D'UNE CUVE

Publication

**EP 2643205 B1 20160203 (EN)**

Application

**EP 11805653 A 20111124**

Priority

- NL 1038409 A 20101126
- NL 2011000077 W 20111124

Abstract (en)

[origin: WO2012070933A2] The invention relates to an inflatable element for use as a damper of fluid oscillations interiorly in a holder (2) with a holder bottom wall, a holder upper wall (31) and holder sidewalls (9', 9", 10', 10"), which holder is suitable for transporting a liquefied gas with its vapour, such as liquefied natural gas or LNG; the element wall (5) comprises an element bottom wall (7), an upper wall (8) and sidewalls (13), which element in the use position floats with its bottom wall (7) on the liquid load (3) and wherein the inflatable element (4) has a thickness (d) smaller than the height between the liquid surface and the upper side wall (31) of the holder and wherein openings (11) are provided which extend from the element bottom wall (7) to the element upper wall (8) constituting open fluid connections.

IPC 8 full level

**B65D 90/52** (2006.01); **B63B 25/24** (2006.01); **F17C 13/00** (2006.01)

CPC (source: EP KR)

**B63B 25/24** (2013.01 - EP KR); **B65D 88/34** (2013.01 - KR); **B65D 88/42** (2013.01 - KR); **B65D 90/52** (2013.01 - EP); **F17C 13/004** (2013.01 - EP); **F17C 2201/0157** (2013.01 - EP); **F17C 2201/052** (2013.01 - EP); **F17C 2205/013** (2013.01 - EP); **F17C 2221/033** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP); **F17C 2223/033** (2013.01 - EP); **F17C 2260/016** (2013.01 - EP); **F17C 2270/0105** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012070933 A2 20120531**; **WO 2012070933 A3 20120907**; CN 103354792 A 20131016; CN 103354792 B 20160810; EP 2643205 A2 20131002; EP 2643205 B1 20160203; JP 2013543824 A 20131209; JP 5863820 B2 20160217; KR 101846600 B1 20180406; KR 20140002679 A 20140108; NL 1038409 C2 20120530; TW 201228904 A 20120716; TW I573746 B 20170311

DOCDB simple family (application)

**NL 2011000077 W 20111124**; CN 201180066116 A 20111124; EP 11805653 A 20111124; JP 2013540911 A 20111124; KR 20137016468 A 20111124; NL 1038409 A 20101126; TW 100143393 A 20111125