

Title (en)

Loading Assembly for conveying a pressurized Gas, and a floating Gas processing Unit

Title (de)

Ladeanordnung zum Fördern eines Druckgases und eine schwimmenden Gasverarbeitungseinheit

Title (fr)

Ensemble de chargement destiné à transporter un gaz sous pression et unité de traitement de gaz flottante

Publication

EP 2808293 A1 20141203 (EN)

Application

EP 13170152 A 20130531

Priority

EP 13170152 A 20130531

Abstract (en)

An improved loading assembly is presently proposed for conveying a pressurized gas between a floating gas processing unit and another structure. The loading assembly has an emergency disconnection coupler having a passive coupling part and an actuated coupling part, which actuated coupling part can be moved (actuated) from a locked position to an unlocked position. The passive coupling part is mechanically released from the actuated coupling part when the actuated coupling part is in the unlocked position, whereas the actuated coupling part is mounted on the floating gas processing unit regardless of whether the actuated coupling part is in its locked or unlocked position.

IPC 8 full level

B67D 9/02 (2010.01); **B63B 27/34** (2006.01); **F16L 27/08** (2006.01)

CPC (source: EP)

B67D 9/02 (2013.01); **B63B 27/24** (2013.01)

Citation (applicant)

- US 2006156744 A1 20060720 - CUSITER JAMES M [GB], et al
- WO 2007064209 A1 20070607 - SINGLE BUOY MOORINGS [CH], et al
- WO 2010069910 A2 20100624 - SHELL INT RESEARCH [NL], et al
- US 6843511 B2 20050118 - BARRY LEON K [US]
- EMCO LOADING ARMS FOR BRAZILIAN TERMINAL, 2 April 2013 (2013-04-02), Retrieved from the Internet <URL:http://www.greenport.com/newsIOI>

Citation (search report)

- [I] WO 0222491 A1 20020321 - FMC TECHNOLOGIES SA [FR], et al
- [I] DE 8809509 U1 19881208
- [A] WO 8402171 A1 19840607 - ALPHA PROCESS CONTROL [GB]
- [A] WO 2011026951 A1 20110310 - SINGLE BUOY MOORINGS [CH], et al
- [A] EMCO WHEATON: "PRODUCT DATA SHEET", PRODUCT DATA SHEET LNG LOADING ARM, 25 November 2008 (2008-11-25), XP055090611, Retrieved from the Internet <URL:http://www.soliflo.co.za/files/loading_arms/lng_datasheet.pdf> [retrieved on 20131128]
- [A] EMCO WHEATON: "Product data Sheet B0300 LNG/CNG Marine Loading arm", 10 November 2008 (2008-11-10), XP055090777, Retrieved from the Internet <URL:http://www.comsert.com.ar/archivos/6Brazos_de_carga/B0300LNG.pdf> [retrieved on 20131128]

Cited by

CN109642691A; NO20200460A1; NO346025B1; US10935177B2; WO2018009127A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2808293 A1 20141203; WO 2014191407 A1 20141204

DOCDB simple family (application)

EP 13170152 A 20130531; EP 2014060944 W 20140527