

Title (en)

SYSTEM FOR TRANSFERRING FLUID BETWEEN A SHIP AND A FACILITY, SUCH AS A CLIENT SHIP

Title (de)

SYSTEM FÜR DIE ÜBERTRAGUNG VON FLÜSSIGKEIT ZWISCHEN EINEM SCHIFF UND EINER EINRICHTUNG, WIE EINEM KUNDENSCHIFF

Title (fr)

SYSTÈME POUR LE TRANSFERT DE FLUIDE ENTRE UN NAVIRE ET UNE INSTALLATION, TELLE QU'UN NAVIRE CLIENT

Publication

EP 3122622 A1 20170201 (FR)

Application

EP 15715788 A 20150316

Priority

- FR 1452471 A 20140324
- FR 2015050628 W 20150316

Abstract (en)

[origin: WO2015145020A1] The invention relates to a system for transferring a fluid between a ship and a facility, the system comprising a mast (1) comprising a proximal end which is intended to be pivotally mounted on a bridge (2) of the ship (3), and a distal end (7); a fluid-transfer line (4) extending along the mast (1); a flexible pipe (8) comprising a first end (9) which is connected to the fluid-transfer line (4) and a second end (10) which is intended to be connected to a manifold (11) of the facility, the flexible pipe (8) being equipped with a connection device having an emergency cut-off comprising two elements which are capable of automatically separating in a separation direction d when a separating force which is above a threshold is exerted; and a guide element (29) which is supported by the mast (1), and comprising a convex surface (30) for guiding the flexible pipe (8) which is capable of absorbing a pulling force of the flexible pipe (8) such that this force is exerted on the connection device having an emergency cut-off in the separation direction d.

IPC 8 full level

B63B 27/24 (2006.01); **B63B 27/34** (2006.01); **B67D 9/02** (2010.01)

CPC (source: CN EP KR RU US)

B63B 22/00 (2013.01 - US); **B63B 25/16** (2013.01 - KR); **B63B 27/24** (2013.01 - CN EP KR RU US); **B63B 27/34** (2013.01 - CN EP KR RU US); **B67D 9/00** (2013.01 - CN EP RU US); **B67D 9/02** (2013.01 - KR)

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)

FR 3018766 A1 20150925; **FR 3018766 B1 20160401**; AU 2015238099 A1 20161006; AU 2015238099 B2 20180628; CN 106458300 A 20170222; CN 106458300 B 20180928; EP 3122622 A1 20170201; EP 3122622 B1 20180509; ES 2674528 T3 20180702; JP 2017510495 A 20170413; JP 6461188 B2 20190130; KR 102301507 B1 20210914; KR 20160133493 A 20161122; MY 178828 A 20201020; PH 12016501869 A1 20161219; RU 2016140525 A 20180425; RU 2016140525 A3 20180425; RU 2657146 C2 20180608; SG 11201607823P A 20161129; US 10086914 B2 20181002; US 2017096195 A1 20170406; WO 2015145020 A1 20151001

DOCDB simple family (application)

FR 1452471 A 20140324; AU 2015238099 A 20150316; CN 201580015479 A 20150316; EP 15715788 A 20150316; ES 15715788 T 20150316; FR 2015050628 W 20150316; JP 2016558215 A 20150316; KR 20167028132 A 20150316; MY PI2016703408 A 20150316; PH 12016501869 A 20160922; RU 2016140525 A 20150316; SG 11201607823P A 20150316; US 201515126498 A 20150316