

Title (en)

Vessel provided with a transfer area of a potentially dangerous liquid product

Title (de)

Schiff, das mit einer Transferzone eines potenziell gefährlichen flüssigen Produkts ausgestattet ist

Title (fr)

Navire pourvu d'une zone de transfert d'un produit liquide potentiellement dangereux

Publication

EP 2597025 B1 20131211 (FR)

Application

EP 12187462 A 20121005

Priority

FR 1160678 A 20111123

Abstract (en)

[origin: EP2597025A1] The ship has a bridge (4) whose one part (2) consists of a transfer zone for transferring a potentially dangerous liquid product i.e. liquefied natural gas, between a movable supply unit (3) and a liquid storage and/or utilization unit, using a transfer station (5). The station includes a transfer pipe (T) and fittings (R). The part comprises a receiving surface (20) for receiving the movable unit, where the bridge presents, below its ground, a storage space (E) for the transfer station. The space is covered with a removable trap door extending in a plane of the ground.

IPC 8 full level

B63B 3/54 (2006.01); **B63B 25/16** (2006.01); **B63B 27/14** (2006.01); **B63B 27/24** (2006.01)

CPC (source: EP KR)

B63B 3/54 (2013.01 - EP); **B63B 25/16** (2013.01 - EP KR); **B63B 27/14** (2013.01 - EP); **B63B 27/24** (2013.01 - EP KR); **B63H 21/38** (2013.01 - KR); **F17C 2201/0109** (2013.01 - EP); **F17C 2201/054** (2013.01 - EP); **F17C 2205/0142** (2013.01 - EP); **F17C 2205/0146** (2013.01 - EP); **F17C 2221/033** (2013.01 - EP); **F17C 2223/0153** (2013.01 - EP); **F17C 2265/065** (2013.01 - EP); **F17C 2270/0105** (2013.01 - EP)

Citation (opposition)

Opponent : becker marine systems GmbH & Co. KG

- JP 2008126829 A 20080605 - CHUGOKU ELECTRIC POWER, et al
- WO 2011063962 A2 20110603 - TGE MARINE GAS ENGINEERING GMBH [DE], et al
- WO 2011124748 A1 20111013 - WAERTSILAE FINLAND OY [FI], et al

Cited by

EP3428053A1; EP3012185A4; EP3428054A1; CN109250041A

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)

EP 2597025 A1 20130529; EP 2597025 B1 20131211; EP 2597025 B2 20210901; CN 103129708 A 20130605; CN 103129708 B 20160817; ES 2447866 T3 20140313; FR 2982838 A1 20130524; FR 2982838 B1 20131220; HR P20140198 T1 20140411; HR P20140198 T4 20220415; JP 2013107629 A 20130606; JP 6122608 B2 20170426; KR 101949402 B1 20190218; KR 20130057401 A 20130531

DOCDB simple family (application)

EP 12187462 A 20121005; CN 201210449524 A 20121112; ES 12187462 T 20121005; FR 1160678 A 20111123; HR P20140198 T 20121005; JP 2012235501 A 20121025; KR 20120133028 A 20121122