

Title (en)

STORAGE AND/OR TRANSPORT TANK FOR A LIQUID GAS CARGO INTENDED FOR A VESSEL

Title (de)

LAGER- UND / ODER TRANSPORTBEHÄLTER FÜR EINE FÜR EIN SCHIFF BESTIMMTE FLÜSSIGGASLADUNG

Title (fr)

CUVE DE STOCKAGE ET/OU DE TRANSPORT D'UNE CARGAISON D'UN GAZ LIQUIDE DESTINÉE À UN NAVIRE

Publication

EP 3788292 A1 20210310 (FR)

Application

EP 19720979 A 20190405

Priority

- FR 1853794 A 20180502
- FR 2019050807 W 20190405

Abstract (en)

[origin: WO2019211550A1] The invention relates to a sealed and thermally insulating tank (1) for storing a fluid, the tank being held in a load-bearing structure (3) integrated into a ship, said ship having a longitudinal direction (x), the tank (1) comprising a loading/unloading tower (2) mounted to a ceiling wall (9) of the load-bearing structure (3), and the loading/unloading tower (2) comprising a first, a second and a third vertical mast (11, 12, 13) defining a prism having a triangular cross-section; the loading/unloading tower (2) holds at least a first pump (18, 20); the tank (1) has a support leg (31) which is secured to the load-bearing structure (3); the tank (1) has at least one sump (30), and the first pump (18, 20) is disposed outside the triangular prism and aligned with the support leg (31) in a first transverse plane (P1) which is orthogonal to the longitudinal direction (x) of the ship.

IPC 8 full level

F17C 13/00 (2006.01); **F17C 3/02** (2006.01)

CPC (source: EP KR US)

B67D 7/62 (2013.01 - US); **B67D 7/78** (2013.01 - US); **B67D 7/84** (2013.01 - US); **B67D 9/02** (2013.01 - US); **F17C 3/02** (2013.01 - EP US); **F17C 3/025** (2013.01 - US); **F17C 6/00** (2013.01 - US); **F17C 9/00** (2013.01 - US); **F17C 13/00** (2013.01 - EP); **F17C 13/004** (2013.01 - EP KR); **F17C 13/02** (2013.01 - US); **F17C 13/082** (2013.01 - US); **F04B 2015/081** (2013.01 - US); **F17C 2201/0157** (2013.01 - EP KR); **F17C 2201/052** (2013.01 - EP KR); **F17C 2201/054** (2013.01 - EP KR); **F17C 2203/0631** (2013.01 - EP KR US); **F17C 2205/0103** (2013.01 - US); **F17C 2205/018** (2013.01 - EP KR US); **F17C 2205/0355** (2013.01 - US); **F17C 2221/033** (2013.01 - EP KR US); **F17C 2223/0161** (2013.01 - EP KR); **F17C 2223/033** (2013.01 - EP KR); **F17C 2223/047** (2013.01 - EP KR); **F17C 2227/0135** (2013.01 - EP KR US); **F17C 2227/0178** (2013.01 - EP KR); **F17C 2250/0417** (2013.01 - EP KR US); **F17C 2250/0491** (2013.01 - EP KR); **F17C 2260/011** (2013.01 - EP KR US); **F17C 2260/016** (2013.01 - EP KR US); **F17C 2265/066** (2013.01 - EP KR); **F17C 2270/0105** (2013.01 - EP KR US); **F17C 2270/0107** (2013.01 - EP); **F17C 2270/0118** (2013.01 - US)

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)

WO 2019211550 A1 20191107; CN 112074685 A 20201211; CN 112074685 B 20220816; CN 112119258 A 20201222; CN 112119258 B 20221115; CN 112236614 A 20210115; CN 112236614 B 20220830; EP 3788292 A1 20210310; EP 3788293 A1 20210310; EP 3788294 A1 20210310; FR 3080832 A1 20191108; FR 3080832 B1 20201030; JP 2021524003 A 20210909; JP 7166360 B2 20221107; KR 102490542 B1 20230120; KR 20210003145 A 20210111; KR 20210003888 A 20210112; KR 20210005188 A 20210113; PH 12020551842 A1 20210628; RU 2020135765 A 20220504; SG 11202010359Q A 20201127; SG 11202010689V A 20201127; SG 11202010691Q A 20201127; US 11619350 B2 20230404; US 2021247026 A1 20210812; US 2021254788 A1 20210819; WO 2019211537 A1 20191107

DOCDB simple family (application)

FR 2019050979 W 20190425; CN 201980028978 A 20190425; CN 201980029008 A 20190425; CN 201980029695 A 20190405; EP 19720979 A 20190405; EP 19733843 A 20190425; EP 19733844 A 20190425; FR 1853794 A 20180502; FR 2019050807 W 20190405; JP 2020560886 A 20190425; KR 20207032315 A 20190405; KR 20207034198 A 20190425; KR 20207034199 A 20190425; PH 12020551842 A 20201103; RU 2020135765 A 20190405; SG 11202010359Q A 20190405; SG 11202010689V A 20190425; SG 11202010691Q A 20190425; US 201917049790 A 20190425; US 201917049811 A 20190425