

Title (en)

DOUBLE-SHELL SHIP TANK AND SHIP

Title (de)

DOPPELWANDIGER TANK FÜR EIN SCHIFF SOWIE EIN SCHIFF

Title (fr)

RÉSERVOIR À DOUBLE COQUE POUR NAVIRE, ET NAVIRE

Publication

EP 3366568 B1 20220413 (EN)

Application

EP 16857509 A 20161020

Priority

- JP 2015206223 A 20151020
- JP 2016081095 W 20161020

Abstract (en)

[origin: EP3366568A1] A double-shell ship tank includes: an inner shell including an inner shell main part storing a liquefied gas and an inner shell dome protruding upward from the inner shell main part; an outer shell including an outer shell main part surrounding the inner shell main part and an outer shell dome surrounding the inner shell dome; and at least three support mechanisms disposed around the inner shell dome between the inner shell and the outer shell. Each of the support mechanisms includes: a first support member fixed to one of the inner shell and the outer shell, the first support member including a first supporting surface parallel to a reference plane that includes a central axis of the inner shell dome; a second support member fixed to the other one of the inner shell and the outer shell, the second support member including a second supporting surface facing the first supporting surface; and an insulating member interposed between the first supporting surface and the second supporting surface, the insulating member being fixed to the second supporting surface and sliding along the first supporting surface. One of the first support member and the second support member, the one support member being fixed to the inner shell, is positioned on the reference plane.

IPC 8 full level

B63B 25/16 (2006.01); **F17C 13/08** (2006.01)

CPC (source: EP KR)

B63B 25/16 (2013.01 - EP KR); **F17C 3/00** (2013.01 - EP); **F17C 3/025** (2013.01 - KR); **F17C 3/08** (2013.01 - KR); **F17C 13/082** (2013.01 - KR); **B63B 2025/087** (2013.01 - EP); **B63B 2231/52** (2013.01 - KR); **F17C 2201/0109** (2013.01 - EP); **F17C 2201/035** (2013.01 - EP); **F17C 2201/054** (2013.01 - EP); **F17C 2203/015** (2013.01 - EP); **F17C 2203/0379** (2013.01 - EP); **F17C 2203/0391** (2013.01 - EP KR); **F17C 2203/0629** (2013.01 - EP); **F17C 2205/0149** (2013.01 - KR); **F17C 2205/018** (2013.01 - KR); **F17C 2205/0308** (2013.01 - EP); **F17C 2221/012** (2013.01 - EP); **F17C 2221/017** (2013.01 - EP); **F17C 2221/033** (2013.01 - EP KR); **F17C 2221/035** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP); **F17C 2223/033** (2013.01 - EP); **F17C 2270/0105** (2013.01 - EP KR)

Cited by

EP4201799A4; EP4428430A1; FR3146503A1

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

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