

Title (en)

SEALED AND THERMALLY INSULATING TANK

Title (de)

ABGEDICHTETER UND WÄRMEISOLIERENDER TANK

Title (fr)

CUVE ETANCHE ET THERMIQUEMENT ISOLANTE

Publication

EP 3631283 A1 20200408 (FR)

Application

EP 18736985 A 20180531

Priority

- KR 20170068552 A 20170601
- FR 1760509 A 20171108
- FR 2018051255 W 20180531

Abstract (en)

[origin: WO2018220331A1] The invention relates to a sealed and thermally insulating tank for storing or transporting a cold fluid, wherein each tank wall has a sealed membrane and a thermally insulating barrier arranged between the sealed membrane and the bearing wall, wherein a bottom bearing wall (2) has a drainage orifice (11) passing through the bottom bearing wall, wherein the bottom bearing wall bears a protruding lip (10) for guiding a flow of liquid to the drainage orifice, the protruding lip extending along the edges of the bottom bearing wall (2) at a distance from the edges of the bottom bearing wall in a continuous manner around substantially the entire periphery of the bottom bearing wall. The bearing wall may be formed by the hull of a ship.

IPC 8 full level

F17C 13/00 (2006.01)

CPC (source: EP RU)

B63B 25/16 (2013.01 - RU); **F17C 13/004** (2013.01 - EP RU); **F17C 2201/0157** (2013.01 - EP); **F17C 2201/052** (2013.01 - EP);
F17C 2203/0358 (2013.01 - EP); **F17C 2221/033** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP); **F17C 2223/033** (2013.01 - EP);
F17C 2250/0452 (2013.01 - EP); **F17C 2250/0491** (2013.01 - EP); **F17C 2260/033** (2013.01 - EP); **F17C 2260/037** (2013.01 - EP);
F17C 2270/0107 (2013.01 - EP)

Citation (search report)

See references of WO 2018220331A1

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 2018220331 A1 20181206; CN 110785603 A 20200211; CN 110785603 B 20220607; EP 3631283 A1 20200408; EP 3631283 B1 20210714;
ES 2886216 T3 20211216; RU 2019137675 A 20210712; RU 2019137675 A3 20210809; RU 2755830 C2 20210922

DOCDB simple family (application)

FR 2018051255 W 20180531; CN 201880035608 A 20180531; EP 18736985 A 20180531; ES 18736985 T 20180531;
RU 2019137675 A 20180531