

Title (en)

SUPPORT STRUCTURE FOR CARGO TANK, FLOATING STRUCTURE, AND SUPPORT METHOD FOR CARGO TANK

Title (de)

TRÄGERSTRUKTUR FÜR LADETANKS, SCHWIMMSTRUKTUR UND STÜTZVERFAHREN FÜR LADETANKS

Title (fr)

STRUCTURE DE SUPPORT POUR UNE CITERNE DE CHARGE, STRUCTURE FLOTTANTE ET PROCÉDÉ DE SUPPORT POUR UNE CITERNE DE CHARGE

Publication

**EP 2610161 A4 20150121 (EN)**

Application

**EP 11819942 A 20110824**

Priority

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- JP 2011069008 W 20110824

Abstract (en)

[origin: EP2610161A1] A cargo tank support structure according to the present invention comprises a plurality of first support portions 3 provided at a bottom 2a of a cargo tank 2 in a distributed manner, a second support portion 4 provided at the bottom 2a of the cargo tank 2 to continuously extend in a longitudinal direction X of the floating structure 1, and an engagement portion 5 provided at a floor 11a of a hold 11 along the length of the second support portion to engage with the second support portion 4, wherein a vertical load Fz applied by the cargo tank 2 is borne by at least the first support portions 3 and a horizontal load (first horizontal load Fy) applied by the cargo tank 2 is borne by at least the second support portion 4 and the engagement portion 5.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] GB 1328758 A 19730905 - HITACHI SHIPBUILDING ENG CO
- [X] FR 1317043 A 19630201 - WM CORY & SON
- See references of WO 2012026479A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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