

Title (en)
TANK SYSTEM AND SHIP

Title (de)
TANKSYSTEM UND SCHIFF

Title (fr)
SYSTÈME DE RÉSERVOIR ET NAVIRE

Publication
EP 4059828 A4 20230104 (EN)

Application
EP 20905462 A 20201223

Priority
• JP 2019231720 A 20191223
• JP 2020048258 W 20201223

Abstract (en)
[origin: EP4059828A1] A tank system comprises a tank, a loading pipe, and a pipe pressure resistance part. The tank holds liquefied carbon dioxide. The loading pipe extends in a vertical direction, and a bottom end thereof opens into the tank. The loading pipe discharges the liquefied carbon dioxide, which is supplied from the exterior, into the tank from the bottom end. The pipe pressure resistance part is provided closer to the bottom end of the loading pipe than a pipe top part located at the highest point of the loading pipe. The pipe pressure resistance part produces pressure loss in the liquefied carbon dioxide flowing through the loading pipe.

IPC 8 full level
B63B 25/16 (2006.01); **B65D 90/00** (2006.01); **F17C 5/02** (2006.01)

CPC (source: EP KR)
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Citation (search report)
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• [A] JP H08207989 A 19960813 - ISHIKAWAJIMA HARIMA HEAVY IND
• [A] US 7891197 B2 20110222 - WINTER HARALD [DE]
• [A] KR 20100125625 A 20101201 - DAEWOO SHIPBUILDING & MARINE [KR]
• [A] WO 2012080172 A2 20120621 - AIR PROD & CHEM [US], et al
• See also references of WO 2021132381A1

Designated contracting state (EPC)
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KH MA MD TN

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