

Title (en)
TOWER FOR LOADING AND UNLOADING A LIQUEFIED GAS STORAGE TANK

Title (de)
LADE- UND ENTLADETURM FÜR FLÜSSIGGASSPEICHERTANK

Title (fr)
TOUR DE CHARGEMENT ET DE DÉCHARGEMENT D'UNE CUVE DE STOCKAGE DE GAZ LIQUÉFIÉ

Publication
EP 4202284 A1 20230628 (FR)

Application
EP 22214626 A 20221219

Priority
FR 2114275 A 20211222

Abstract (en)
[origin: JP2023093407A] To provide an assembly for loading and unloading a liquefied gas storage tank capable of restricting degradation of the tank due to deformation characteristic of a tank wall in storing cargoes and charging and cooling a liquefied gas.SOLUTION: A loading and unloading assembly (10) for a liquefied gas storage tank is provided. The loading and unloading assembly includes at least one loading tower (12), an unloading device (14), and at least one cover (16). The loading tower has a structure (18) including at least three poles (20) and a loading pipe, and the unloading device includes at least one unloading pipe (36), a suction member, and a drive assembly (42). The cover is arranged between the suction member and the drive assembly, and the unloading pipe of the unloading device is separated from the poles (20) of the structure of the loading tower and arranged outside of a perimeter delimited by the structure of the loading tower.SELECTED DRAWING: Figure 2

Abstract (fr)
L'invention porte sur un ensemble de chargement et de déchargement (10) d'une cuve (2) de stockage d'un gaz liquéfié, l'ensemble de chargement et de déchargement (10) comprenant au moins une tour de chargement (12), un dispositif de déchargement (14) et au moins un couvercle (16), la tour de chargement (12) comprenant une structure (18) comprenant au moins trois mâts (20) et un conduit de chargement, le dispositif de déchargement (14) comprenant au moins un conduit de déchargement (36), un élément d'aspiration (38) et un ensemble d'entraînement (42), le couvercle (16) étant disposé entre l'élément d'aspiration (38) et l'ensemble d'entraînement (42), le conduit de déchargement (36) du dispositif de déchargement (14) étant distinct des mâts (20) de la structure (18) de la tour de chargement (12) et étant disposé en dehors d'un périmètre délimité par ladite structure (18) de la tour de chargement (12).

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Citation (search report)
• [Y] WO 2018203005 A2 20181108 - GAZTRANSPORT ET TECHNIGAZ [FR]
• [Y] FR 3089489 A1 20200612 - GAZTRANSPORT ET TECHNIGAZ [FR]
• [Y] FR 3097616 A1 20201225 - GAZTRANSPORT ET TECHNIGAZ [FR]
• [A] WO 2019211550 A1 20191107 - GAZTRANSPORT ET TECHNIGAZ [FR]
• [A] WO 2019211551 A1 20191107 - GAZTRANSPORT ET TECHNIGAZ [FR]

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