

Title (en)
STORAGE INSTALLATION FOR LIQUEFIED GAS

Title (de)
LAGERANLAGE FÜR FLÜSSIGGAS

Title (fr)
INSTALLATION DE STOCKAGE POUR GAZ LIQUEFIE

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Application
EP 22169558 A 20220422

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Abstract (en)
[origin: CN115264367A] The invention relates to a storage facility for liquefied gas, a vessel for transporting cold liquid products, a transport system for cold liquid products, a method for loading or unloading a vessel, the storage facility comprising a support structure and a tank comprising a top wall, the top wall comprising a thermally insulating barrier and a sealing film, the storage facility comprises a through structure passing through an opening formed in the top wall, the through structure comprising an inner barrel tightly welded to the sealing membrane and fixed to the support wall by means of fixing means, the fixing means comprising: a fixing ring welded around the inner barrel; a fixed collar extending radially around the inner barrel and spaced apart from the inner barrel, the fixed collar welded to a top support wall of the support structure; a support outer tube extending around the inner barrel, and on one hand, the support outer tube is welded to the fixing collar, and on the other hand, the support outer tube is welded to the fixing ring.

Abstract (fr)
[L'invention concerne une installation de stockage (71) pour gaz liquéfié comprenant une structure porteuse (3) et une cuve (1) comprenant une paroi de plafond (8), dans laquelle la paroi de plafond (8) comporte une barrière thermiquement isolante et une membrane d'étanchéité, dans laquelle l'installation de stockage (71) comporte une structure traversante (12, 13) passant au travers d'une ouverture réalisée dans la paroi de plafond (8), dans laquelle la structure traversante (12, 13) comporte un fût interne (18) soudé de manière étanche à la membrane d'étanchéité et étant fixé à la structure porteuse (3) au moyen d'un dispositif de fixation (19) qui comporte : un anneau de fixation (20) soudé autour du fût interne (18), - une collerette de fixation (21) qui s'étend radialement autour et à distance du fût interne (18) et qui est soudée à la paroi porteuse supérieure (9) de la structure porteuse (3), - un tube externe (22) de support qui s'étend autour du fût interne (18) et qui est soudé d'une part à la collerette de fixation (21) et d'autre part à l'anneau de fixation (20).

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Citation (applicant)
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