

Title (en)  
SYSTEM FOR STORING AND/OR TRANSPORTING A LIQUEFIED GAS

Title (de)  
LAGERUNGS- UND/ODER TRANSPORTSYSTEM FÜR EIN VERFLÜSSIGTES GAS

Title (fr)  
SYSTEME DE STOCKAGE ET/OU DE TRANSPORT POUR UN GAZ LIQUEFIE

Publication  
**EP 3686309 A1 20200729 (FR)**

Application  
**EP 19305077 A 20190122**

Priority  
EP 19305077 A 20190122

Abstract (en)  
[origin: WO2020152207A1] A storage and/or transport system for a liquefied gas comprises a container (4, 6) which is intended to be in contact with the liquified gas, wherein the container consists substantially of metal sheets which are welded together in a fluid-tight manner, at least one metal sheet being an alloy based on iron/manganese comprising, by weight:  $25.0\% \leq \text{Mn} \leq 32.0\%$ ;  $7.0\% \leq \text{Cr} \leq 14.0\%$ ;  $0 \leq \text{Ni} \leq 2.5\%$ ;  $0.05\% \leq \text{N} \leq 0.30\%$ ;  $0.1 \leq \text{Si} \leq 0.5\%$ ; optionally  $0.010\% \leq \text{rare earth metals} \leq 0.14\%$ ; the remainder being iron and residual elements resulting from the processing operation.

Abstract (fr)  
Un système de stockage et/ou de transport pour un gaz liquéfié comporte un contenant (4, 6) destiné à être en contact avec le gaz liquéfié, dans lequel le contenant est essentiellement constitué de tôles métalliques soudées ensemble de manière étanche, au moins une dite tôle métallique étant en un alliage à base de fer-manganèse comprenant, en poids :  $25,0\% \leq \text{Mn} \leq 32,0\%$  ;  $7,0\% \leq \text{Cr} \leq 14,0\%$  ;  $0 \leq \text{Ni} \leq 2,5\%$  ;  $0,05\% \leq \text{N} \leq 0,30\%$  ;  $0,1 \leq \text{Si} \leq 0,5\%$  ; optionnellement  $0,010\% \leq \text{terres rares} \leq 0,14\%$  le reste étant du fer et des éléments résiduels résultant de l'élaboration.

IPC 8 full level  
**C22C 38/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/38** (2006.01); **C22C 38/58** (2006.01); **F17C 3/02** (2006.01)

CPC (source: EP KR)  
**B65D 88/02** (2013.01 - KR); **B65D 88/54** (2013.01 - KR); **B65D 90/08** (2013.01 - KR); **C22C 38/001** (2013.01 - EP KR); **C22C 38/004** (2013.01 - EP); **C22C 38/005** (2013.01 - EP); **C22C 38/02** (2013.01 - EP); **C22C 38/38** (2013.01 - EP); **C22C 38/58** (2013.01 - EP KR); **C21D 2211/001** (2013.01 - EP KR); **F17C 2203/0648** (2013.01 - EP KR); **F17C 2270/0107** (2013.01 - EP KR)

Citation (applicant)  
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• EP 0611217 A1 19940817 - TECHNIGAZ [FR]

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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

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**EP 19305077 A 20190122**; CN 202080010290 A 20200122; EP 2020051481 W 20200122; JP 2021542313 A 20200122; KR 20217023080 A 20200122