

Title (en)
Container for liquefied petroleum gas

Title (de)
Behälter für flüssiges Kohlenwasserstoffgas

Title (fr)
Réservoir pour gaz de pétrole liquéfié

Publication
EP 0837281 A1 19980422 (FR)

Application
EP 97402289 A 19971001

Priority
FR 9612010 A 19961002

Abstract (en)
The tank has a vented tank casing (1) resting on feet (2) mounted on a base (12). The casing has a skirt (3) and a cover (5) forming an enclosed space filled with an inert gas. The tank can be spherical with the casing formed by a cylindrical skirt (3) enclosing the reservoir and the feet and engaging on the base. The skirt is covered by an annular rim (4) receiving a domed cover with reinforcing ribs (51) having tiles. The top of the cover has an annular cap (6) engaged by the ribs of the cover.

Abstract (fr)
Réservoir composé d'un réservoir sphérique (1) reposant sur des pieds (2) appuyés sur une embase (12). Un ensemble formé d'une jupe cylindrique (3) entoure le réservoir cylindrique (1) et ses pieds (2) en s'appuyant sur l'embase (12) du réservoir ; la jupe est surmontée d'un tirant annulaire (4) recevant une coupole (5) formée de nervures rayonnantes (51) portant des dalles, le sommet de la coupole étant constitué par un lanterneau annulaire (6) sur lequel s'appuient les nervures (51) de la coupole (5), de manière à envelopper le réservoir sphérique (1) en laissant un espace de confinement rempli d'une atmosphère inerte. <IMAGE>

IPC 1-7
F17C 13/12; **F17C 1/00**; **B65D 90/50**

IPC 8 full level
B65D 90/50 (2006.01); **F17C 1/00** (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP)
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Citation (search report)

- [X] FR 2209070 A1 19740628 - CARVES SIMON LTD [GB]
- [X] FR 1507160 A 19671229
- [A] FR 2317159 A1 19770204 - SENER TECNICA INDUSTRIAL [ES]
- [A] FR 2178291 A5 19731109 - BABCOCK ATLANTIQUE SA [FR]
- [A] US 3364729 A 19680123 - YEARWOOD DONALD R
- [A] DE 1648612 A1 19710415 - MCMULLEN JOHN J

Cited by
CN102667300A

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EP 0837281 A1 19980422; **EP 0837281 B1 20030709**; AT E244851 T1 20030715; DE 69723389 D1 20030814; DE 69723389 T2 20040506; ES 2202564 T3 20040401; FR 2754038 A1 19980403; FR 2754038 B1 19990326

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