

Title (en)

Tankcontainer for carriage of liquefied hydrocarbon gases, ammonia and petrochemical products

Title (de)

Tankbehälter für den Transport von flüssigen Kohlenwasserstoff-Gasen, Ammonium und petrochemischen Produkten

Title (fr)

Conteneur-citerne pour le transport de gaz d'hydrocarbures liquéfiés, de l'ammoniac et produits de pétrochimiques

Publication

EP 2568209 B1 20161123 (EN)

Application

EP 12172913 A 20120621

Priority

RU 2011125706 A 20110623

Abstract (en)

[origin: EP2568209A1] The tank container for liquefied hydrocarbon gas transportation by a transportation means does comprise a reservoir (1) with the liquefied hydrocarbon gas level gauge filling and discharge duct stub (9) for liquefied hydrocarbon gas with shutoff valves placed in the bottom part of the reservoir. A branch pipe (8) for drainage of the liquefied hydrocarbon gas steam and gas phase with shutoff valves is placed in the top part of the reservoir. A safety valve (3) located in the top part of the reservoir (1). The reservoir (1) is equipped with a second filling and discharge duct stub (6) with shutoff valves and with a second branch pipe (10) for drainage of the liquefied hydrocarbon gas steam and gas phase with shutoff valves. The filling and discharge duct stubs with shutoff valves and branch pipes for drainage of the liquefied hydrocarbon gas steam and gas phase with shutoff valves are grouped into two independent blocks where one of them is located in the top part of the reservoir, and the second one in the bottom part of the reservoir, accordingly. In the top and bottom part, lockable armature compartments (4,5) are arranged. The top compartment (4), the branch pipe (8) for drainage of liquefied hydrocarbon gas steam and gas phase with shutoff valves and the second filling and discharge duct stub (6) with shutoff valves is placed, and in the bottom compartment (5), the filling and discharge duct stub (9) with shutoff valves and the second branch pipe (10) for drainage of liquefied hydrocarbon gas steam and gas phase with shutoff valves is placed. The liquefied hydrocarbon gas level gauge is equipped with warning device (11) located in the bottom armature compartment (5), and the branch pipes (8,10) for drainage of liquefied hydrocarbon gas steam and gas phase with shutoff valves are equipped with the pressure gauges (12,13) mounted on them. The design of this tank container enables a quicker filling and discharging, and on top it allows to be connected to existing filling and discharge racks of different standards as used in the CIS countries on the one side, and in Western Europe and elsewhere on the other side. The high established safety standards are nevertheless being maintained.

IPC 8 full level

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CPC (source: EP)

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