

Title (en)

Process for discharging and storing liquefied natural gas in a terminal without gas evaporation

Title (de)

Verfahren zur Entladung und Lagerung von flüssigem Erdgas in einem Terminal ohne Gasverdampfung

Title (fr)

Procédé de déchargement et de stockage de gaz naturel liquéfié dans un terminal méthanier sans évaporation de gaz.

Publication

EP 2236904 B1 20150513 (FR)

Application

EP 10156097 A 20100310

Priority

FR 0952220 A 20090403

Abstract (en)

[origin: EP2236904A1] The method involves maintaining liquefied natural gas in a storage container (31). Boil-Off gas is evacuated from the container, and is triggered by passing in a triggering equipment and valve assembly (361) during filling the container with the natural gas from a methane tanker (32) such that the boil-off gas is at pressure equivalent to the initial pressure. A fraction of quantity of the boil-off gas is sampled and reinjected in the tanker at a volumic flow equivalent to an extraction flow of the natural gas to maintain pressure in the tanker equal to the initial pressure. An independent claim is also included for an installation for receiving and storing liquefied natural gas, comprising a storage container.

IPC 8 full level

F17C 6/00 (2006.01); **F17C 9/04** (2006.01)

CPC (source: EP)

F17C 6/00 (2013.01); **F17C 9/04** (2013.01); **F17C 2201/0104** (2013.01); **F17C 2201/052** (2013.01); **F17C 2205/0364** (2013.01); **F17C 2205/0367** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2223/047** (2013.01); **F17C 2225/0161** (2013.01); **F17C 2225/033** (2013.01); **F17C 2225/047** (2013.01); **F17C 2227/0135** (2013.01); **F17C 2227/0178** (2013.01); **F17C 2260/035** (2013.01); **F17C 2265/022** (2013.01); **F17C 2265/034** (2013.01); **F17C 2265/038** (2013.01); **F17C 2270/0105** (2013.01); **F17C 2270/0136** (2013.01)

Cited by

CN105674054A; CN113994136A

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DOCDB simple family (publication)

EP 2236904 A1 20101006; **EP 2236904 B1 20150513**; DK 2236904 T3 20150817; ES 2544878 T3 20150904; FR 2944088 A1 20101008; FR 2944088 B1 20130419; PL 2236904 T3 20151231

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