

Title (en)

DEVICE FOR STORAGE AND TRANSPORT OF LIQUEFIED NATURAL GAS

Title (de)

VORRICHTUNG ZUR LAGERUNG UND ZUM TRANSPORT VON FLÜSSIGERDGAS

Title (fr)

DISPOSITIF POUR STOCKER ET TRANSPORTER DU GAZ NATUREL LIQUEFIE

Publication

EP 1682814 A1 20060726 (EN)

Application

EP 04793701 A 20041028

Priority

- NO 2004000328 W 20041028
- NO 20034821 A 20031028

Abstract (en)

[origin: WO2005040667A1] A device for storage and transport of liquefied natural gas (LNG) in a tank (2). In the tank an LNG boil-off is formed which flows to a compressor (12) and thereafter to a heat exchanger (20). The heat exchanger (20) is supplied with a coolant, which flows in a circuit of a cooling plant (26), resulting in condensation of a component of the boil-off. Between the tank (2) and the compressor (12) there is provided an additional heat exchanger (110), which is also supplied with coolant from the cooling plant (26), and which cools boil-off flowing from the tank (2) to the compressor (12).

IPC 8 full level

F17C 7/00 (2006.01); **F17C 9/00** (2006.01); **F17C 9/02** (2006.01); **F17C 13/02** (2006.01); **F25J 1/02** (2006.01)

CPC (source: EP KR)

F17C 7/00 (2013.01 - KR); **F17C 9/00** (2013.01 - EP); **F17C 9/02** (2013.01 - KR); **F17C 13/02** (2013.01 - KR); **F17C 13/026** (2013.01 - EP);
F25J 1/0025 (2013.01 - EP); **F25J 1/0045** (2013.01 - EP); **F25J 1/005** (2013.01 - EP); **F25J 1/0072** (2013.01 - EP); **F25J 1/0208** (2013.01 - EP);
F25J 1/0288 (2013.01 - EP); **F25J 1/0292** (2013.01 - EP); **F17C 2221/033** (2013.01 - EP); **F17C 2223/0161** (2013.01 - EP);
F17C 2223/033 (2013.01 - EP); **F17C 2223/043** (2013.01 - EP); **F17C 2225/0161** (2013.01 - EP); **F17C 2225/033** (2013.01 - EP);
F17C 2225/043 (2013.01 - EP); **F17C 2225/044** (2013.01 - EP); **F17C 2225/047** (2013.01 - EP); **F17C 2227/0157** (2013.01 - EP);
F17C 2227/0341 (2013.01 - EP); **F17C 2227/0365** (2013.01 - EP); **F17C 2227/039** (2013.01 - EP); **F17C 2250/032** (2013.01 - EP);
F17C 2250/0439 (2013.01 - EP); **F17C 2265/033** (2013.01 - EP); **F17C 2265/034** (2013.01 - EP); **F17C 2265/037** (2013.01 - EP);
F17C 2270/0105 (2013.01 - EP); **F25J 2205/90** (2013.01 - EP); **F25J 2210/04** (2013.01 - EP); **F25J 2230/08** (2013.01 - EP);
F25J 2245/02 (2013.01 - EP)

Citation (search report)

See references of WO 2005040667A1

Cited by

FR3055692A1; CN109906337A; AU2017324488B2; US11549646B2; WO2018046809A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005040667 A1 20050506; EP 1682814 A1 20060726; JP 2007510116 A 20070419; KR 20060130046 A 20061218;
NO 20034821 D0 20031028; NO 20034821 L 20050429; NO 322620 B1 20061106

DOCDB simple family (application)

NO 2004000328 W 20041028; EP 04793701 A 20041028; JP 2006537915 A 20041028; KR 20067010321 A 20060526;
NO 20034821 A 20031028