

Title (en)

A METHOD FOR REGASIFYING LIQUEFIED NATURAL GAS

Title (de)

VERFAHREN ZUR WIEDERVERGASUNG VON VERFLÜSSIGTEM ERDGAS

Title (fr)

PROCÉDÉ DE REGAZÉIFICATION DE GAZ NATUREL LIQUÉFIÉ

Publication

EP 3320257 B1 20240612 (EN)

Application

EP 16759684 A 20160705

Priority

- PL 41300115 A 20150706
- EP 2016065750 W 20160705

Abstract (en)

[origin: WO2017005708A1] A method for regasifying liquefied natural gas (LNG), comprising the steps of: inputting a batch of the liquefied natural gas to a vaporizer (102); in the vaporizer (102), converting the liquefied natural gas to a gaseous state by heating it from a first temperature (T1) to a second temperature (T2) and heating the gas from the second temperature (T2) to a third temperature (T3) higher than the critical temperature of the gas to increase the pressure of the gas to a second pressure (p2) of at least 7MPa; connecting the gas outlet of the vaporizer (102) to a storage tank (103) having a chamber with a pressure lower than the pressure of the vaporizer (102); and allowing the gas from the vaporizer (102) to flow and expand into the storage tank (103) due to the pressure difference between the vaporizer (102) and the storage tank (103).

IPC 8 full level

F17C 5/06 (2006.01); **F17C 7/04** (2006.01)

CPC (source: EP)

F17C 5/06 (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2223/033** (2013.01); **F17C 2225/0115** (2013.01); **F17C 2225/0123** (2013.01); **F17C 2225/035** (2013.01); **F17C 2227/0311** (2013.01); **F17C 2227/0327** (2013.01); **F17C 2227/0332** (2013.01); **F17C 2227/0369** (2013.01); **F17C 2227/0393** (2013.01); **F17C 2227/047** (2013.01); **F17C 2250/01** (2013.01); **F17C 2265/05** (2013.01); **F17C 2265/07** (2013.01)

Citation (examination)

- US 5237824 A 19930824 - PAWLISZYN JANUSZ B [CA]
- US 2013327421 A1 20131212 - CHANG DAE JUN [KR], et al

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

DOCDB simple family (publication)

WO 2017005708 A1 20170112; EP 3320257 A1 20180516; EP 3320257 B1 20240612; EP 3320257 C0 20240612; PL 413001 A1 20170116

DOCDB simple family (application)

EP 2016065750 W 20160705; EP 16759684 A 20160705; PL 41300115 A 20150706