

Title (en)  
METHOD FOR THE PRODUCTION OF LIQUEFIED NATURAL GAS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON VERFLÜSSIGTEM ERDGAS

Title (fr)  
PROCÉDÉ POUR LA PRODUCTION DE GAZ NATUREL LIQUÉFIÉ

Publication  
**EP 3332198 A1 20180613 (EN)**

Application  
**EP 16754356 A 20160805**

Priority  
• US 201562201947 P 20150806  
• US 201662305381 P 20160308  
• US 201662370953 P 20160804  
• US 2016045811 W 20160805

Abstract (en)  
[origin: US2017038138A1] A transportable apparatus for production of liquefied natural gas (LNG) having include a housing, a natural gas feed inlet, a heat exchanger, a phase separator, a liquid outlet disposed on the cold end of the heat exchanger, an LNG product outlet disposed on the cold end of the heat exchanger, a first refrigeration supply, a second refrigeration supply, and wherein the heat exchanger, the phase separator, the first expansion valve, the first refrigeration supply, and the second refrigeration supply are all disposed within the housing. The first refrigeration supply includes expansion of a portion of the LNG product, and the second refrigeration supply can include expansion of another portion of the LNG product or expansion and heat exchange with a supply of liquid nitrogen. The production of LNG is achieved without the external supply of electricity.

IPC 8 full level  
**F25J 1/02** (2006.01); **F25J 1/00** (2006.01)

CPC (source: EP US)  
**F25J 1/0015** (2013.01 - US); **F25J 1/0022** (2013.01 - EP US); **F25J 1/0037** (2013.01 - EP US); **F25J 1/004** (2013.01 - US);  
**F25J 1/0045** (2013.01 - EP US); **F25J 1/0052** (2013.01 - US); **F25J 1/0072** (2013.01 - US); **F25J 1/0092** (2013.01 - US);  
**F25J 1/0201** (2013.01 - EP US); **F25J 1/0202** (2013.01 - US); **F25J 1/0208** (2013.01 - US); **F25J 1/0221** (2013.01 - EP US);  
**F25J 1/023** (2013.01 - EP US); **F25J 1/0232** (2013.01 - EP US); **F25J 1/0238** (2013.01 - US); **F25J 1/0259** (2013.01 - EP US);  
**F25J 1/0275** (2013.01 - US); **F25J 1/0292** (2013.01 - US); **F25J 3/0257** (2013.01 - US); **F25J 3/04412** (2013.01 - US);  
**F25J 2205/02** (2013.01 - US); **F25J 2205/04** (2013.01 - US); **F25J 2205/66** (2013.01 - EP US); **F25J 2210/06** (2013.01 - EP US);  
**F25J 2210/40** (2013.01 - US); **F25J 2210/42** (2013.01 - EP US); **F25J 2210/60** (2013.01 - US); **F25J 2215/42** (2013.01 - US);  
**F25J 2220/02** (2013.01 - US); **F25J 2220/44** (2013.01 - US); **F25J 2220/60** (2013.01 - US); **F25J 2220/64** (2013.01 - EP US);  
**F25J 2220/66** (2013.01 - US); **F25J 2220/68** (2013.01 - US); **F25J 2230/20** (2013.01 - EP US); **F25J 2230/22** (2013.01 - US);  
**F25J 2230/30** (2013.01 - EP US); **F25J 2230/42** (2013.01 - US); **F25J 2230/60** (2013.01 - EP US); **F25J 2240/02** (2013.01 - US);  
**F25J 2240/12** (2013.01 - US); **F25J 2240/40** (2013.01 - US); **F25J 2240/44** (2013.01 - US); **F25J 2245/02** (2013.01 - US);  
**F25J 2245/42** (2013.01 - US); **F25J 2270/08** (2013.01 - US); **F25J 2270/42** (2013.01 - US); **F25J 2270/88** (2013.01 - US);  
**F25J 2290/12** (2013.01 - US); **F25J 2290/34** (2013.01 - US); **F25J 2290/62** (2013.01 - EP US); **F25J 2290/70** (2013.01 - US)

Citation (search report)  
See references of WO 2017024235A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 2017038138 A1 20170209**; CN 108027199 A 20180511; EP 3332198 A1 20180613; RU 2018106658 A 20190822;  
RU 2018106658 A3 20200124; US 2017038139 A1 20170209

DOCDB simple family (application)  
**US 201615230018 A 20160805**; CN 201680054318 A 20160805; EP 16754356 A 20160805; RU 2018106658 A 20160805;  
US 201615230034 A 20160805