

Title (en)

LNG FORMATION

Title (de)

FLÜSSIGERDGASBILDUNG

Title (fr)

FORMATION DE GAZ NATUREL LIQUÉFIÉ (GNL)

Publication

**EP 2831523 A4 20160810 (EN)**

Application

**EP 13769414 A 20130304**

Priority

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- US 201261695592 P 20120831
- US 2013028906 W 20130304

Abstract (en)

[origin: WO2013148075A1] Systems and a method for the formation of a liquefied natural gas (LNG) are disclosed herein. The system includes a refrigeration system configured to chill a natural gas using a refrigerant mixture including a noble gas. The system also includes an autorefrigeration system configured to use the natural gas self-refrigerant to form the LNG from the natural gas.

IPC 8 full level

**F25J 1/00** (2006.01)

CPC (source: EP US)

**F25J 1/0022** (2013.01 - EP US); **F25J 1/0035** (2013.01 - EP US); **F25J 1/004** (2013.01 - EP US); **F25J 1/0042** (2013.01 - EP US);  
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**F25J 1/0219** (2013.01 - EP US); **F25J 1/0268** (2013.01 - EP US); **F25J 2220/62** (2013.01 - EP US); **F25J 2220/64** (2013.01 - EP US)

Citation (search report)

- [XYI] US 6250105 B1 20010626 - KIMBLE E LAWRENCE [US]
- [Y] US 4411677 A 19831025 - PERVIER JAMES W [US], et al
- [XYI] US 6209350 B1 20010403 - KIMBLE III E LAWRENCE [US]
- [X] US 2009277217 A1 20091112 - RANSBARGER WELDON L [US], et al
- See references of WO 2013148075A1

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)

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AU 2013240459 B2 20160114; CA 2867436 A1 20131003; CA 2867436 C 20190409; CL 2014002309 A1 20150406; CN 104204698 A 20141210;  
CN 104204698 B 20170908; EA 201491790 A1 20150130; EP 2831523 A1 20150204; EP 2831523 A4 20160810; MX 2014010572 A 20141208;  
MY 166784 A 20180723; US 2015013379 A1 20150115

DOCDB simple family (application)

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CA 2867436 A 20130304; CL 2014002309 A 20140829; CN 201380017937 A 20130304; EA 201491790 A 20130304; EP 13769414 A 20130304;  
MX 2014010572 A 20130304; MY PI2014002447 A 20130304; US 201314378073 A 20130304