

Title (en)

SYSTEMS AND METHODS FOR LNG REFRIGERATION AND LIQUEFACTION

Title (de)

SYSTÈME UND VERFAHREN ZUR LNG-KÜHLUNG UND -VERFLÜSSIGUNG

Title (fr)

SYSTÈMES ET PROCÉDÉS DE RÉFRIGÉRATION ET DE LIQUÉFACTION DE GNL

Publication

**EP 3371535 A4 20191030 (EN)**

Application

**EP 16863141 A 20161106**

Priority

- US 201562252247 P 20151106
- US 201562251808 P 20151106
- US 2016060756 W 20161106

IPC 8 full level

**F25J 3/02** (2006.01); **F25J 1/00** (2006.01); **F25J 1/02** (2006.01)

CPC (source: EP US)

**F25J 1/0022** (2013.01 - EP US); **F25J 1/004** (2013.01 - EP); **F25J 1/0042** (2013.01 - EP); **F25J 1/005** (2013.01 - EP US);  
**F25J 1/0052** (2013.01 - EP); **F25J 1/0204** (2013.01 - EP); **F25J 1/0212** (2013.01 - EP); **F25J 1/023** (2013.01 - EP); **F25J 1/0242** (2013.01 - EP);  
**F25J 1/025** (2013.01 - EP); **F25J 1/0281** (2013.01 - EP); **F25J 1/0283** (2013.01 - EP); **F25J 1/0285** (2013.01 - EP); **F25J 1/0288** (2013.01 - EP);  
**F25J 2210/06** (2013.01 - EP); **F25J 2220/64** (2013.01 - EP); **F25J 2240/70** (2013.01 - EP); **F25J 2240/82** (2013.01 - EP);  
**F25J 2245/90** (2013.01 - EP); **F25J 2270/16** (2013.01 - EP)

Citation (search report)

- [XY] CN 104266454 A 20150107 - UNIV XI AN JIAOTONG
- [XYI] WO 2009153143 A1 20091223 - SHELL INT RESEARCH [NL], et al
- [Y] US 2014305160 A1 20141016 - CHONG WEN SIN [SG], et al
- [XY] US 2014260251 A1 20140918 - SHAPOT BRET [US], et al
- [Y] US 2007199606 A1 20070830 - BRONICKI LUCIEN Y [IL], et al
- [Y] EP 0687353 A1 19951220 - INST FRANCAIS DU PETROLE [FR]
- [XYI] WO 2010063789 A2 20100610 - SHELL INT RESEARCH [NL], et al
- [Y] CHACARTEGUI R ET AL: "Alternative ORC bottoming cycles FOR combined cycle power plants", APPLIED ENERGY, ELSEVIER SCIENCE PUBLISHERS, GB, vol. 86, no. 10, 1 October 2009 (2009-10-01), pages 2162 - 2170, XP026043916, ISSN: 0306-2619, [retrieved on 20090326], DOI: 10.1016/J.APENERGY.2009.02.016
- [Y] BILL HOWE: "Dual expander methane cycle liquefaction technology applied to FLNG", GASTECH CONFERENCE NEWSP., 24 March 2014 (2014-03-24), pages 8 - 9, XP007922814
- See references of WO 2017079711A1

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)

EP 3371535 A1 20180912; EP 3371535 A4 20191030

DOCDB simple family (application)

EP 16863141 A 20161106