

Title (en)

A REFRIGERATION PROCESS AND THE PRODUCTION OF LIQUEFIED NATURAL GAS

Title (de)

KÜHLPROZESS UND PRODUKTION VON FLÜSSIGERDAS

Title (fr)

PROCEDE DE REFRIGERATION ET PRODUCTION DE GAZ NATUREL LIQUEFIE

Publication

EP 1636531 A1 20060322 (EN)

Application

EP 03815340 A 20031204

Priority

- AU 0301623 W 20031204
- AU 2003900327 A 20030122

Abstract (en)

[origin: WO2004065869A1] Process and apparatus for the production of liquefied natural gas utilising a refrigeration cycle, characterised by the steps of: i) Pre-treatment of a natural gas stream; ii) Chilling of either or both of the resulting pre-treated gas stream or a refrigerant gas stream within the refrigeration cycle; and iii) Liquefaction of the natural gas.

IPC 1-7

F25J 1/00; **F25J 1/02**; **F25J 3/02**; **F25J 3/04**; **F25J 3/08**; **F25J 5/00**; **F25B 25/02**; **F25B 27/02**

IPC 8 full level

F25J 1/02 (2006.01); **F25B 27/00** (2006.01); **F25B 27/02** (2006.01)

CPC (source: EP KR)

F25J 1/0022 (2013.01 - EP); **F25J 1/0037** (2013.01 - EP); **F25J 1/004** (2013.01 - EP); **F25J 1/0055** (2013.01 - EP); **F25J 1/0057** (2013.01 - EP); **F25J 1/02** (2013.01 - KR); **F25J 1/0212** (2013.01 - EP); **F25J 1/0227** (2013.01 - EP); **F25J 1/0231** (2013.01 - EP); **F25J 1/0242** (2013.01 - EP); **F25J 1/0268** (2013.01 - EP); **F25J 1/0283** (2013.01 - EP); **F25J 1/0288** (2013.01 - EP); **F25J 1/0292** (2013.01 - EP); **F25J 1/0294** (2013.01 - EP); **F25J 3/00** (2013.01 - KR); **F25J 5/00** (2013.01 - KR); **F25B 27/00** (2013.01 - EP); **F25B 27/02** (2013.01 - EP); **F25J 2205/66** (2013.01 - EP); **F25J 2220/62** (2013.01 - EP); **F25J 2220/64** (2013.01 - EP); **F25J 2220/66** (2013.01 - EP); **F25J 2240/82** (2013.01 - EP); **F25J 2245/90** (2013.01 - EP); **F25J 2260/30** (2013.01 - EP); **F25J 2270/88** (2013.01 - EP); **F25J 2270/906** (2013.01 - EP); **Y02A 30/274** (2017.12 - EP)

Citation (search report)

See references of WO 2004065869A1

Cited by

EP3274640A4; US1041587B2; US11035610B2

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 PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004065869 A1 20040805; AP 2005003351 A0 20050930; AU 2003900327 A0 20030206; BR 0318036 A 20051206; CA 2512921 A1 20040805; CN 1742186 A 20060301; EA 200501003 A1 20060224; EP 1636531 A1 20060322; IL 169510 A0 20070704; JP 2006513391 A 20060420; KR 20050092770 A 20050922; MA 27621 A1 20051101; MX PA05007765 A 20060131; NO 20053852 L 20050817; OA 13019 A 20061110

DOCDB simple family (application)

AU 0301623 W 20031204; AP 2005003351 A 20031204; AU 2003900327 A 20030122; BR 0318036 A 20031204; CA 2512921 A 20031204; CN 200380109120 A 20031204; EA 200501003 A 20031204; EP 03815340 A 20031204; IL 16951005 A 20050703; JP 2004566683 A 20031204; KR 20057013373 A 20050720; MA 28438 A 20050812; MX PA05007765 A 20031204; NO 20053852 A 20050817; OA 1200500204 A 20031204