

Title (en)
PLANT AND METHOD FOR LIQUEFYING NATURAL GAS

Title (de)
ANLAGE UND VERFAHREN ZUR VERFLÜSSIGUNG VON ERDGAS

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR LIQUEFIER DU GAZ NATUREL

Publication
EP 1864063 A1 20071212 (EN)

Application
EP 06708275 A 20060215

Priority
• EP 2006050939 W 20060215
• EP 05101200 A 20050217
• EP 06708275 A 20060215

Abstract (en)
[origin: WO2006087331A1] The present invention relates to a plant (10) for liquefying natural gas (90) , the plant (10) at least comprising: - a pre-cooling heat exchanger train (1) comprising a final heat exchanger (2a) for cooling the natural gas stream (90); - a distributor (4) located upstream of the final heat exchanger for splitting the natural gas stream (90) into at least first and second natural gas substreams; - at least first and second main cryogenic systems (200,200') , each system (200,200') comprising an outlet for liquefied natural gas (95,95').

IPC 8 full level
F25J 1/02 (2006.01)

CPC (source: EP KR US)
F25J 1/0022 (2013.01 - EP US); **F25J 1/004** (2013.01 - EP US); **F25J 1/0042** (2013.01 - EP US); **F25J 1/0052** (2013.01 - EP US); **F25J 1/0055** (2013.01 - EP US); **F25J 1/02** (2013.01 - KR); **F25J 1/0214** (2013.01 - EP US); **F25J 1/0216** (2013.01 - EP US); **F25J 1/0219** (2013.01 - EP US); **F25J 1/0238** (2013.01 - EP); **F25J 1/0241** (2013.01 - EP US); **F25J 1/0265** (2013.01 - EP US); **F25J 1/0268** (2013.01 - EP US); **F25J 1/0271** (2013.01 - EP US); **F25J 1/0274** (2013.01 - EP US); **F25J 1/0283** (2013.01 - EP US); **F25J 1/0284** (2013.01 - EP US); **F25J 1/0287** (2013.01 - EP US); **F25J 1/0292** (2013.01 - EP US); **F25J 1/0295** (2013.01 - EP US); **F25J 2205/02** (2013.01 - EP US); **F25J 2220/62** (2013.01 - EP US); **F25J 2220/64** (2013.01 - EP US); **F25J 2230/60** (2013.01 - EP US); **F25J 2245/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2006087331A1

Citation (examination)
• VISSER A ET AL: "Persian LNG - A Giant Awakes", WORLD GAS CONFERENCE, X, XX, 1 January 2003 (2003-01-01), XP009081890
• PARADOWSKI H ET AL: "HIGH EFFICIENCY 6 MTPA LNG TRAIN DESIGN VIA TWO DIFFERENT MIXED REFRIGERANT PROCESSES", AICHE NATIONAL MEETING., 10 March 2002 (2002-03-10), pages 245 - 257, XP009052299

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006087331 A1 20060824; AU 2006215629 A1 20060824; AU 2006215629 B2 20090409; AU 2006215629 C1 20110331; AU 2006215630 A1 20060824; AU 2006215630 B2 20090423; BR PI0607453 A2 20100406; BR PI0608158 A2 20101109; CN 101120219 A 20080206; CN 101120220 A 20080206; EP 1848945 A2 20071031; EP 1864063 A1 20071212; JP 2008530505 A 20080807; JP 2008530506 A 20080807; KR 20070111531 A 20071121; KR 20070114751 A 20071204; MX 2007009824 A 20070904; MX 2007009830 A 20070904; MY 141434 A 20100430; MY 143097 A 20110315; NO 20074682 L 20070914; NO 20074699 L 20070914; RU 2007130260 A 20090220; RU 2007130261 A 20090220; RU 2395764 C2 20100727; RU 2395765 C2 20100727; US 2008156036 A1 20080703; US 2008156037 A1 20080703; WO 2006087330 A2 20060824; WO 2006087330 A3 20061130

DOCDB simple family (application)
EP 2006050939 W 20060215; AU 2006215629 A 20060215; AU 2006215630 A 20060215; BR PI0607453 A 20060215; BR PI0608158 A 20060215; CN 200680005143 A 20060215; CN 200680005149 A 20060215; EP 06708273 A 20060215; EP 06708275 A 20060215; EP 2006050937 W 20060215; JP 2007555597 A 20060215; JP 2007555598 A 20060215; KR 20077021321 A 20070917; KR 20077021322 A 20070917; MX 2007009824 A 20060215; MX 2007009830 A 20060215; MY PI20060633 A 20060215; MY PI20060635 A 20060215; NO 20074682 A 20070914; NO 20074699 A 20070914; RU 2007130260 A 20060215; RU 2007130261 A 20060215; US 88439706 A 20060215; US 88442706 A 20060215