

Title (en)

PROCESS AND APPARATUS FOR EXTRACTING NATURAL GAS LIQUIDS FROM A STREAM OF LIQUEFIED NATURAL GAS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABZUG VON ERDGASFLÜSSIGKEITEN AUS EINEM STROM VON VERFLÜSSIGTEM ERDGAS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR SÉPARER DES LIQUIDES DE GAZ NATUREL À PARTIR D'UN COURANT DE GAZ NATUREL LIQUÉFIÉ

Publication

EP 1861671 B1 20151223 (EN)

Application

EP 06708800 A 20060320

Priority

- EP 2006060867 W 20060320
- EP 05102252 A 20050322
- EP 06708800 A 20060320

Abstract (en)

[origin: WO2006100218A1] The present invention relates to a method of deriching a stream of liquefied natural gas by extracting a natural gas liquid comprising inter alia the steps of: heating the stream of liquefied natural gas (1) in a first heat exchanger arrangement (5) ; splitting it into at least a first portion (17) and a second portion (19); passing the first portion (17) to a distillation column (21) and passing the second portion (19) to a second heat exchanger arrangement (26) and then supplying it (20) to the distillation column (21) from which a natural gas liquid stream (35) and an overhead vapour stream (40) are withdrawn; - passing the overhead vapour stream (40) to the second heat exchanger arrangement (26) to form an intermediate deriched condensate stream (49) of which at least a portion is thereafter passed to the distillation column.

IPC 8 full level

F25J 3/02 (2006.01)

CPC (source: EP US)

F25J 3/0214 (2013.01 - EP US); **F25J 3/0233** (2013.01 - EP US); **F25J 3/0238** (2013.01 - EP US); **F25J 3/0242** (2013.01 - EP US); **F25J 2200/02** (2013.01 - EP US); **F25J 2200/70** (2013.01 - EP); **F25J 2200/92** (2013.01 - EP); **F25J 2205/02** (2013.01 - EP US); **F25J 2205/04** (2013.01 - EP); **F25J 2210/06** (2013.01 - EP US); **F25J 2230/08** (2013.01 - EP US); **F25J 2230/60** (2013.01 - EP US); **F25J 2245/02** (2013.01 - EP US); **F25J 2270/88** (2013.01 - EP)

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 2006100218 A1 20060928; EP 1861671 A1 20071205; EP 1861671 B1 20151223; ES 2561808 T3 20160301; JP 2008535961 A 20080904; JP 5411496 B2 20140212; RU 2007138916 A 20090427; RU 2386091 C2 20100410; US 2009056371 A1 20090305

DOCDB simple family (application)

EP 2006060867 W 20060320; EP 06708800 A 20060320; ES 06708800 T 20060320; JP 2008502388 A 20060320; RU 2007138916 A 20060320; US 88680106 A 20060320