

Title (en)  
METHOD AND APPARATUS FOR SEPARATING ONE OR MORE C<sub>2</sub>+ HYDROCARBONS FROM A MIXED PHASE HYDROCARBON STREAM

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM TRENNEN EINES ODER MEHRERER C<sub>2</sub>+KOHLENWASSERSTOFFE VON EINEM MISCHPHASENKOHLWASSERSTOFFSTROM

Title (fr)  
PROCÉDÉ ET APPAREIL POUR LA SÉPARATION D'UN OU PLUSIEURS HYDROCARBURES EN C<sub>2</sub>+ À PARTIR D'UN FLUX D'HYDROCARBURES EN PHASE MIXTE

Publication  
**EP 2132508 A2 20091216 (EN)**

Application  
**EP 08718392 A 20080402**

Priority  
• EP 2008053940 W 20080402  
• EP 07105619 A 20070404  
• EP 08718392 A 20080402

Abstract (en)  
[origin: WO2008122556A2] A method for separating one or more C<sub>2</sub>+ hydrocarbons from a mixed phase hydrocarbon stream such as partly vapourised liquefied natural gas, the method at least comprising the steps of : (a) supplying a mixed phase hydrocarbon feed stream (10) to a first gas/liquid separator (12); (b) separating the hydrocarbon feed stream (10) in the first gas/liquid separator (12) into a first gaseous stream (20) from a first outlet (23) and at least one C<sub>2</sub>+ liquid stream (30); (c) passing the first gaseous stream (20) through a compressor (14) to provide a compressed stream (60); and (d) cooling the compressed stream (60) in one or more heat exchangers (16) to provide an at least partly condensed hydrocarbon product stream (70); wherein a second gaseous stream (40) is added to a stream (20, 60, 70) downstream of the first outlet (23).

IPC 8 full level  
**F25J 3/02** (2006.01); **C10G 5/06** (2006.01); **C10L 3/10** (2006.01); **F25J 3/06** (2006.01)

CPC (source: EP US)  
**C10G 5/06** (2013.01 - EP US); **C10L 3/10** (2013.01 - EP US); **C10L 3/12** (2013.01 - EP US); **F25J 3/0214** (2013.01 - EP US); **F25J 3/0233** (2013.01 - EP US); **F25J 3/0238** (2013.01 - EP US); **F25J 3/0615** (2013.01 - EP US); **F25J 3/0635** (2013.01 - EP US); **F25J 3/064** (2013.01 - EP US); **F25J 2200/02** (2013.01 - EP US); **F25J 2200/76** (2013.01 - EP US); **F25J 2205/90** (2013.01 - EP); **F25J 2215/02** (2013.01 - EP); **F25J 2230/08** (2013.01 - EP US); **F25J 2230/60** (2013.01 - EP US); **F25J 2245/90** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008122556A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008122556 A2 20081016**; **WO 2008122556 A3 20090319**; AU 2008235485 A1 20081016; AU 2008235485 B2 20110106; CA 2682308 A1 20081016; EP 2132508 A2 20091216; MX 2009010129 A 20091019; RU 2009140747 A 20110510; RU 2493510 C2 20130920; US 2010107686 A1 20100506

DOCDB simple family (application)  
**EP 2008053940 W 20080402**; AU 2008235485 A 20080402; CA 2682308 A 20080402; EP 08718392 A 20080402; MX 2009010129 A 20080402; RU 2009140747 A 20080402; US 59422408 A 20080402