

Title (en)
METHOD AND APPARATUS FOR SEPARATING ONE OR MORE C₂+ HYDROCARBONS FROM A MIXED PHASE HYDROCARBON STREAM

Title (de)
VERFAHREN UND VORRICHTUNG ZUM TRENNEN EINES ODER MEHRERER C₂+KOHLENWASSERSTOFFE VON EINEM MISCHPHASENKOHLWASSERSTOFFSTROM

Title (fr)
PROCÉDÉ ET APPAREIL POUR LA SÉPARATION D'UN OU PLUSIEURS HYDROCARBURES EN C₂+ À PARTIR D'UN FLUX D'HYDROCARBURES EN PHASE MIXTE

Publication
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Application
EP 08718392 A 20080402

Priority
• EP 2008053940 W 20080402
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• EP 08718392 A 20080402

Abstract (en)
[origin: WO2008122556A2] A method for separating one or more C₂+ 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 C₂+ 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
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CPC (source: EP US)
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