

Title (en)
METHOD FOR SEPARATING A FRACTION RICH IN C₂+ FROM LIQUEFIED NATURAL GAS

Title (de)
VERFAHREN ZUM ABTRENNEN EINER C₂+ REICHEN FRAKTION AUS LNG

Title (fr)
PROCEDE DE SEPARATION D'UNE FRACTION RICHE EN C₂+ A PARTIR DE GNL

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Application
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• DE 102005000634 A 20050103

Abstract (en)
[origin: WO2006072390A1] The invention relates to a method for separating a fraction rich in C₂+ from liquefied natural gas (LNG), comprising the following steps: a) partial evaporation (E1, E2) of the liquefied natural gas (1, 1'); b) separation (D1) of the partially evaporated natural gas (2) into a first gas fraction (4) rich in C₁ and a first liquid fraction (3) rich in C₂+; c) rectifying separation (T) of the first liquid fraction (3) rich in C₂+ into a second gas fraction (8) rich in C₁ and a second liquid fraction (10) rich in C₂+; d) re-liquefaction (E1) of the first gas fraction (4) rich in C₁ and e) feeding of at least one sub-stream (6) of the re-liquefied gas fraction (5) rich in C₁ as a return flow to the rectifying separation (T) stage.

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Citation (examination)
• WO 2006066015 A2 20060622 - FLUOR TECH CORP [US], et al
• WO 2006118583 A1 20061109 - ORTLOFF ENGINEERS LTD [US], et al

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