

Title (en)

METHOD AND SYSTEM FOR STORAGE AND TRANSPORT OF LIQUEFIED PETROLEUM GASES

Title (de)

VERFAHREN UND SYSTEM FÜR LAGERUNG UND TRANSPORT VERFLÜSSIGTER PETROLEUMGASE

Title (fr)

PROCÉDÉ ET SYSTÈME POUR LE STOCKAGE ET LE TRANSPORT DE GAZ DE PÉTROLE LIQUÉFIÉS

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Application

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Abstract (en)

[origin: WO2019234025A1] The present invention relates to a method and system for storage and transport of liquified petroleum gases (LPG) on LPG carriers where boil off gas from the LPG is compressed in a cargo compressor with minimum two stages of compression, condensed in a cargo condenser and any non-condensable gases can be separated and/or gas and liquid can be mixed in a liquid receiver. A warm and mixed two-phase condensate stream leaving the liquid receiver is heat exchanged by glide refrigeration in at least one condensate sub-cooler, and any droplets present in a stream leaving the at least one condensate sub-cooler is removed in at least one droplet separator before being returned to the cargo compressor thus forming a further cooled, compressed stream.

IPC 8 full level

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