

Title (en)
Conversion of liquefied natural gas

Title (de)
Umwandlung von Flüssigerdgas

Title (fr)
Conversion de gaz naturel liquéfié

Publication
EP 2146132 A1 20100120 (EN)

Application
EP 08352015 A 20080715

Priority
EP 08352015 A 20080715

Abstract (en)
A method of and apparatus for converting liquefied natural gas (LNG) to a superheated fluid through vaporisation and superheating of the LNG employs a first main heat exchanger 10 in a series with a second main heat exchanger 12. The first main heat exchanger is heated by a condensing first heat exchange fluid (propane) flowing in a first heat exchange circuit 20 including a first supplementary heat exchanger 14 for revaporising the propane and the second main heat exchanger 12 by a condensing second heat exchange fluid (also propane) flowing in a second heat exchange circuit 22 including a second heat exchanger 16 for vaporising the propane. The circuits 20 and 22 share a common vessel for collecting condensate. The condensing pressure of the propane in the first circuit 20 less than condensing pressure of the propane in the second circuit 22. The flow of the propane through the first main heat exchanger 10 and the second main heat exchanger 12 is controlled by valves 32 and 36.

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Citation (applicant)
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Citation (search report)
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Designated extension state (EPC)
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