

Title (en)

PROCESS AND APPARATUS FOR THE COOLING AND LIQUEFACTION OF AT LEAST A LOW BOILING POINT GAS, SUCH AS NATURAL GAS

Publication

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Application

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Priority

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Abstract (en)

[origin: ES8502536A1] The present invention relates to a method and an apparatus for liquefying a gas with a low boiling point, such as natural gas, by heat exchange with a main refrigerant fluid having several components. The whole of the vapor phase of this main refrigerant fluid, after being condensed and subcooled, is expanded at once to at least one first pressure, and the whole of the liquid phase of the subcooled main refrigerant fluid is expanded at once to at least one second pressure, different from the said first pressure.

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Citation (search report)

- [A] FR 2471566 A1 19810619 - TECHNIP CIE [FR]
- [A] EP 0058106 A2 19820818 - AIR LIQUIDE [FR]
- [A] SIXIEME CONGRES INTERNATIONAL SUR LE GAZ NATUREL LIQUEFIE, 7-10 avril 1980, Kyoto, Japan, vol. 1/2, session II, papier 2, pages 1-11, Institute of Gas Technology, Chicago, Illinois, US; M. GRENIER et al.: "Nouveau cycle de liquefaction de gaz naturel utilisant des échangeurs à plaques"

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