

Title (en)
LIQUEFACTION PROCESS AND APPARATUS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR VERFLÜSSIGUNG

Title (fr)
PROCEDE ET DISPOSITIF DE LIQUEFACTION

Publication
EP 1038146 A1 20000927 (EN)

Application
EP 98959046 A 19981211

Priority
• GB 9803708 W 19981211
• GB 9726297 A 19971211

Abstract (en)
[origin: WO9930094A1] Apparatus for liquefying natural gas, comprising a series of heat exchangers for cooling the natural gas in countercurrent heat exchange relationship with a refrigerant, compression means for compressing the refrigerant, expansion means for isentropically expanding at least two separate streams of the compressed refrigerant, said expanded streams of refrigerant communicating with a cool end of a respective one of the heat exchangers, and a precooling refrigeration system for precooling the natural gas to a temperature below 0 DEG C before it is fed to the series of heat exchangers, and for precooling the compressed refrigerant discharged from a warm end of the series of heat exchangers to a temperature below 0 DEG C before it is fed back into the series of heat exchanges or to the expansion means.

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Citation (search report)
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