Title (en)

MIXED REFRIGERANT LIQUEFACTION PROCESS

Title (de)

VERFLÜSSIGUNGSVERFAHREN MIT GEMISCHTEM KÜHLMITTEL

Title (fr)

PROCEDE DE LIQUEFACTION DE REFRIGERANT MIXTE

Publication

EP 1774233 A2 20070418 (EN)

Application

EP 05756120 A 20050606

Priority

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Abstract (en)

[origin: WO2006007278A2] A method for liquefying a natural gas stream is provided. In one embodiment, the method includes placing a mixed component refrigerant in a heat exchange area with a process stream; separating the mixed component refrigerant at one or more pressure levels to produce a refrigerant vapor and a refrigerant liquid; bypassing the refrigerant vapor around the heat exchange area to a compression unit; and passing the refrigerant liquid to the heat exchange area. In another embodiment, the method further includes partially evaporating the refrigerant liquid stream within the heat exchange area to retain a liquid fraction of at least 1% by weight.

IPC 8 full level

F25J 1/02 (2006.01)

CPC (source: EP KR NO US)

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