

Title (en)

Method and apparatus for cooling a hydrocarbon stream

Title (de)

Verfahren und Vorrichtung zum Kühlen eines Kohlenwasserstoffstroms

Title (fr)

Procédé et appareil de refroidissement d'un courant d'hydrocarbure

Publication

**EP 1936307 A1 20080625 (EN)**

Application

**EP 06125775 A 20061211**

Priority

EP 06125775 A 20061211

Abstract (en)

A method of cooling a hydrocarbon stream such as natural gas, the method at least comprising the steps of: (a) separating a feed stream (10) into a gaseous stream (130) and a liquid stream (70); (b) compressing the gaseous stream (130) to provide a compressed gaseous stream (150); (c) dividing the compressed gaseous stream (150) into at least a first stream (170) and a second stream (160); (d) cooling, preferably liquefying, the first stream (170) to provide a cooled hydrocarbon stream; and (e) removing the second stream (160).

IPC 8 full level

**F25J 3/02** (2006.01); **F25J 1/02** (2006.01)

CPC (source: EP)

**F25J 3/0209** (2013.01); **F25J 3/0233** (2013.01); **F25J 3/0242** (2013.01); **F25J 2200/02** (2013.01); **F25J 2200/74** (2013.01); **F25J 2205/04** (2013.01); **F25J 2230/60** (2013.01); **F25J 2240/02** (2013.01); **F25J 2260/20** (2013.01); **F25J 2260/60** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

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