

Title (en)
Method for liquefying natural gas.

Title (de)
Verfahren zur Verflüssigung von Erdgas.

Title (fr)
Procédé de liquéfaction de gaz naturel.

Publication
EP 0535752 B1 19951122 (FR)

Application
EP 92203009 A 19920930

Priority
FR 9112007 A 19910930

Abstract (en)
[origin: EP0535752A1] Method for liquefying natural gas, comprising a prior stage of fractionating the gas. <??>The gas (1) is cooled and separated into a liquid phase (6) and a gaseous phase (8). The latter is reduced in pressure (9) and combined with the liquid phase in the column (7). The gas enriched in methane is separated at the head (21), and is recompressed (27) and sent for liquefaction (32, 33, 34). The liquid phase from the bottom of the column (7) is reduced in pressure and rectified in the column (14); the outflow from the head (19) is condensed (20) and returned as reflux (25) to the column (7). The pressure in the column (7) is greater than that in the column (14). The C3+ hydrocarbons are separated at the bottom (16). The liquefaction of the methane (33, 34) is conventional. <??>Use for producing liquid methane for land or sea transportation. <IMAGE>

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