

Title (en)

PROCESS AND DEVICE FOR THE CRYOGENIC SEPARATION OF A METHANE-RICH STREAM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KRYOGENEN TRENNUNG EINES METHANREICHEN STROMS

Title (fr)

PROCÉDÉ ET APPAREIL DE SÉPARATION CRYOGÉNIQUE D'UN DÉBIT RICHE EN MÉTHANE

Publication

EP 2673582 B1 20181010 (FR)

Application

EP 12707884 A 20120208

Priority

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Abstract (en)

[origin: WO2012107688A2] In a process for the cryogenic separation of a methane-rich feed stream containing between 3 and 35% of oxygen and also nitrogen, the feed stream is cooled in order to produce a cooled stream, at least one portion of the cooled stream is sent to a distillation column (6), a bottom stream is withdrawn from the distillation column, the bottom stream being enriched in methane compared to the feed stream, a stream enriched in oxygen compared to the feed stream is withdrawn from the distillation column, and a nitrogen-rich stream (20, 21) is sent to the column.

IPC 8 full level

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CPC (source: EP US)

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