

Title (en)  
METHOD FOR REMOVING NITROGEN

Title (de)  
VERFAHREN ZUM ABTRENNEN VON STICKSTOFF

Title (fr)  
PROCÉDÉ DE SÉPARATION D'AZOTE

Publication  
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Application  
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Abstract (en)  
[origin: WO2010051970A2] The invention relates to a method for removing a nitrogen-rich fraction from a feed fraction which substantially contains nitrogen and hydrocarbons. According to said method, the feed fraction is subjected to separation into a nitrogen-rich and a methane-rich fraction by rectification, the methane-rich fraction being evaporated and then superheated at as high a pressure as possible relative to the feed fraction to be cooled for refrigeration. The still liquid or partially evaporated methane-rich fraction (5') is supplied to a circulation container (D), only the liquid portion of the methane-rich fraction (5') accumulated in the circulation container (D) is completely evaporated preferably in natural circulation and the top product (7) of the circulation container (D) is superheated (E1).

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