

Title (en)
METHOD AND INSTALLATION FOR THE COMBINED PRODUCTION OF AMMONIA SYNTHESIS GAS AND CARBON DIOXIDE

Title (de)
VERFAHREN UND ANLAGE ZUR KOMBINIERTEN HERSTELLUNG VON AMMONIAK-SYNTHESEGAS UND KOHLENDIOXID

Title (fr)
PROCÉDÉ ET INSTALLATION POUR LA PRODUCTION COMBINÉE DE GAZ DE SYNTHÈSE D'AMMONIAC ET DE DIOXYDE DE CARBONE

Publication
EP 2864240 A1 20150429 (FR)

Application
EP 13733351 A 20130606

Priority

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- FR 2013051285 W 20130606

Abstract (en)
[origin: WO2014001672A1] In a method for the combined production of ammonia synthesis gas and carbon dioxide from a mixture of hydrocarbons, the cooled mixture from a reverse conversion is separated in an adsorption unit by pressure modulation (or PSA) producing a hydrogen-enriched flow (9) having a purity at least equal to 98% and a residual gas (11), the residual gas is processed to produce carbon dioxide and a gas containing nitrogen and methane (25) and at least a portion of the hydrogen-enriched flow and at least a portion of the gas containing nitrogen and methane are mixed to form an ammonia synthesis gas (27).

IPC 8 full level
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Citation (search report)
See references of WO 2014001672A1

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