Title (en)
HYDROCARBON GAS PROCESSING

Title (de)
BEHANDLUNG VON KOHLENWASSERSTOFFGAS

Title (fr)
TRAITEMENT D'HYDROCARBURE GAZEUX

Publication
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Application
EP 10786555 A 20100517

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- US 2010035121 W 20100517
- US 18636109 P 20090611
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- US 71739410 A 20100304
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- US 77247210 A 20100503

Abstract (en)
[origin: WO2010144217A1] A process and an apparatus are disclosed for the recovery of heavier hydrocarbon components from a hydrocarbon gas stream in a compact processing assembly. The gas stream is cooled, condensed and expanded to lower pressure and supplied as a feed to an absorbing means inside the processing assembly. A distillation liquid stream is collected from the absorbing means and directed into a heat and mass transfer means inside the processing assembly strip out its volatile components while cooling the gas stream. Distillation streams are collected from heat and mass transfer means and cooled sufficiently to at least partially condense it, forming a residual vapor stream and a condensed stream. The quantities and temperatures of the feeds are at a temperature whereby the major portions of the desired components are recovered in the stripped distillation liquid stream.

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Citation (search report)
See references of WO 2010144217A1

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