

Title (en)  
HYDROCARBON GAS PROCESSING

Title (de)  
BEHANDLUNG VON KOHLENWASSERSTOFFGAS

Title (fr)  
TRAITEMENT D'HYDROCARBURES GAZEUX

Publication  
**EP 2553364 A1 20130206 (EN)**

Application  
**EP 11763225 A 20110321**

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- US 201113051682 A 20110318
- US 201113048315 A 20110315
- US 78125910 A 20100517
- US 77247210 A 20100503
- US 2010029331 W 20100331
- US 75086210 A 20100331
- US 68961610 A 20100119
- US 37260409 A 20090217
- US 18636109 P 20090611
- US 2011029234 W 20110321

Abstract (en)  
[origin: WO2011123276A1] A process and an apparatus are disclosed for a compact processing assembly to recover C2 (or C3) components and heavier hydrocarbon components from a hydrocarbon gas stream. The gas stream is cooled and divided into first and second streams. The first stream is further cooled, expanded to lower pressure, and supplied as a feed between first and second absorbing means. The second stream is expanded to lower pressure and supplied as bottom feed to the second absorbing means. A distillation vapor stream from the first absorbing means is heated, compressed to higher pressure, and divided into a volatile residue gas fraction and a compressed recycle stream. The compressed recycle stream is cooled, expanded to lower pressure, and supplied as top feed to the first absorbing means. A distillation liquid stream from the second absorbing means is heated in a heat and mass transfer means to strip out its volatile components.

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Citation (search report)  
See references of WO 2011123276A1

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