

Title (en)
LNG REGASIFICATION CONFIGURATIONS AND METHODS

Title (de)
LNG-RÜCKVERGASUNGSKONFIGURATIONEN UND -VERFAHREN

Title (fr)
CONFIGURATIONS ET PROCEDES POUR REGAZEIFICATION DE GNL

Publication
EP 1782010 A4 20140813 (EN)

Application
EP 05763868 A 20050627

Priority

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- US 68318105 P 20050520

Abstract (en)
[origin: WO2006004723A1] LNG composition of LNG from a storage tank or other source is modified in a process in which the LNG is pumped to a first pressure and split into two portions. One portion of the pressurized LNG is then reduced in pressure and heavier components are separated from the reduced pressure LNG to thereby form a lean LNG. The lean LNG is then pumped to a higher pressure and combined with the other portion to form a leaner LNG. Preferably, separation is performed using a demethanizer, wherein part of the demethanizer overhead product is condensed to form the lean LNG, while another portion is used for column reflux. In further preferred configurations, ethane recovery is variable and in yet other configurations, propane or ethane can be delivered via a batching pipeline.

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Citation (search report)

- [A] US 3362175 A 19680109 - BURNS WILLIAM D A, et al
- [X] YANG C C ET AL: "COST-EFFECTIVE DESIGN REDUCES C2 AND C3 AT LNG RECEIVING TERMINALS", OIL AND GAS JOURNAL, PENNELL, HOUSTON, TX, US, 26 May 2003 (2003-05-26), pages 50 - 53, XP009044374, ISSN: 0030-1388
- See references of WO 2006004723A1

Citation (examination)
US 2003158458 A1 20030821 - PRIM ERIC [US]

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