

Title (en)

APPARATUS AND METHODS FOR PROCESSING HYDROCARBONS TO PRODUCE LIQUIFIED NATURAL GAS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERARBEITUNG VON KOHLENWASSERSTOFFEN ZUR ERZEUGUNG VON VERFLÜSSIGTEM ERDGAS

Title (fr)

APPAREIL ET PROCÉDÉS DE TRAITEMENT DES HYDROCARBURES DESTINÉS À PRODUIRE DU GAZ NATUREL LIQUÉFIÉ

Publication

EP 1941218 A1 20080709 (EN)

Application

EP 05759335 A 20050609

Priority

US 2005020536 W 20050609

Abstract (en)

[origin: WO2006135363A1] An apparatus for and process for recovering LNG from reservoir natural gas which includes circulating a portion of the natural gas thru a gas cooling loop that includes heat exchanges, an expansion zone and compression zone. The process also includes removing liquids from the gas cooling loop, distilling those liquids to recover a distilled gas. The process also includes compressing and expanding various portions of the distilled gas and passing those portions thru heat exchangers shared with the gas cooling loop to effect heating/cooling as desired. The process also includes removing a portion of the LNG cooling loop as LNG product.

IPC 8 full level

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Citation (search report)

See references of WO 2006135363A1

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