

Title (en)
APPARATUS AND METHODS FOR NATURAL GAS TRANSPORTATION AND PROCESSING

Title (de)
VORRICHTUNG UND VERFAHREN FÜR ERDGASTRANSPORT UND -BEHANDLUNG

Title (fr)
APPAREIL ET PROCÉDÉS POUR LE TRANSPORT ET LE TRAITEMENT DE GAZ NATUREL

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Application
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Abstract (en)
[origin: WO2008009930A2] In the transportation and processing of natural gas liquid nitrogen and liquid carbon dioxide is used in a heat exchanger process to liquefy natural gas supplied by a field site. The liquefied natural gas is transported to a regasification plant where cold energy in a part of the liquefied natural gas in an air separation device is used to produce liquid nitrogen and oxygen, natural gas. The oxygen is combusted in a power production plant, which captures the carbon dioxide produced by the combustion. This carbon dioxide is liquefied it using another part of the liquefied natural gas. The liquid nitrogen and liquid carbon dioxide is then transported to be used for further liquefaction of natural gas supplied by the field site.

IPC 8 full level
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