

Title (en)

METHOD FOR REGASIFYING LIQUEFIED NATURAL GAS WITH PREVIOUSLY DEHUMIDIFIED AMBIENT AIR

Title (de)

VERFAHREN ZUR WIEDERVERGASUNG VON FLÜSSIGERDAS MIT ZUVOR ENTFEUCHTETER UMGEBUNGSLUFT

Title (fr)

PROCEDE DE REGAZEIFICATION DU GAZ NATUREL LIQUEFIE AVEC DE L'AIR AMBIANT PREALABLEMENT DESHUMIDIFIE

Publication

EP 2342490 A1 20110713 (FR)

Application

EP 09755964 A 20091005

Priority

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Abstract (en)

[origin: WO2010040940A1] The invention relates to a method for vaporising liquefied natural gas, said method consisting of using previously dehumidified ambient air as a direct heat exchange fluid in a first air heat exchanger (5) in order to heat said liquefied natural gas up to a certain temperature. The dehumidification of the ambient air consists of lowering the air temperature in a second air heat exchanger (4) by direct heat exchange with said liquefied natural gas previously heated in said first heat exchanger (5) up to at least said certain temperature, said certain temperature being from about -10°C to -25°C.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010040940A1

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