

Title (en)

SYSTEM AND METHOD FOR VAPORISING A CO₂ CONTAINING CRYOGENIC FLUID, IN PARTICULAR LIQUEFIED NATURAL GAS

Title (de)

SYSTEM UND VERFAHREN ZUM VERDAMPFEN EINES CO₂ ENTHALTENDEN KRYOGENEN FLUIDS, INSBESONDERE FLÜSSIGERDAS

Title (fr)

SYSTÈME ET PROCÉDÉ DE VAPORISATION D'UN FLUIDE CRYOGÉNIQUE, NOTAMMENT DU GAZ NATUREL LIQUÉFIÉ, À BASE DE CO₂

Publication

EP 2288841 A1 20110302 (FR)

Application

EP 08874268 A 20081223

Priority

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Abstract (en)

[origin: WO2009138579A1] The invention relates to a method for vaporising a cryogenic fluid, in particular liquefied natural gas that comprises the following steps: supplying heat from ambient air to a heat-transfer intermediate fluid in a first heat exchanger (3); supplying heat from said intermediate fluid to the cryogenic fluid in a second heat exchanger (5) in order to vaporise the cryogenic fluid. The intermediate fluid is fed into the second heat exchanger (5) after being compressed, and is fed into the first heat exchanger (3) after the expansion thereof in order to prevent rime formation.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009138579A1

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