

Title (en)

LIQUID NATURAL GAS COGENERATION REGASIFICATION TERMINAL

Title (de)

REGASIFIZIERUNGSTERMINAL ZUR FLÜSSIGERD GASKOGENERATION

Title (fr)

TERMINAL DE REGAZÉIFICATION DE COGÉNÉRATION DE GAZ NATUREL LIQUIDE

Publication

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Application

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Priority

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Abstract (en)

The invention relates to method of operating a gasification terminal, the method comprising: a) re-gasifying a liquid natural gas stream (10) to obtain a gasified natural gas stream (11) comprising obtaining a heated pressurized gasified natural gas stream (12) at a first temperature and a first pressure, b) operating a gas power plant (100) by obtaining a fuel stream (101) and generating primary power and a hot flue gas stream (120) from the fuel stream and c) operating a heat recovery circuit (200) to transfer heat from the hot flue gas stream (120) to the liquid natural gas stream via the heat transfer fluid. The method comprises generating further power from the heated pressurized gasified natural gas stream (12) by passing the heated pressurized gasified natural gas stream (12) through an expander (22), thereby obtaining a gasified natural gas stream (13) at the send-out pressure and the send-out temperature.

IPC 8 full level

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