

Title (en)

METHOD FOR OPERATING LIQUEFIED NATURAL GAS RECEIVING EQUIPMENT

Title (de)

VERFAHREN ZUM BETRIEB EINER FLÜSSIGERDGAUSAUFNAHMEANLAGE

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN ÉQUIPEMENT DE RÉCEPTION DE GAZ NATUREL LIQUÉFIÉ

Publication

**EP 3851730 A4 20210922 (EN)**

Application

**EP 18933604 A 20180914**

Priority

JP 2018034255 W 20180914

Abstract (en)

[origin: EP3851730A1] [Problem] To provide a technique for handling a demand response while maintaining stable operation of liquefied natural gas receiving equipment. [Solution] This liquefied natural gas receiving equipment 2 is provided with a storage tank 21 for storing liquefied natural gas, a vaporizer 231 for vaporizing liquefied natural gas that has been fed out from the storage tank and shipping same in a gaseous state, and an electric motor-driven gas compression unit 24 for pressurizing boil-off gas that has generated in the storage tank 2 and mixing same into the vaporized natural gas. In an examination start step, examination of consumed power reduction is started. In a potential stop period calculation step, a change in internal pressure of the storage tank 21 is predicted for a case where the gas compression unit 24 is stopped, and a potential stop period for the gas compression unit 24 is calculated. Thereafter, in a stop feasibility determination step, the feasibility of stopping the gas compression unit 24 is determined on the basis of a comparison result of a reduction period and the potential stop period.

IPC 8 full level

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CPC (source: EP KR)

**F17C 9/02** (2013.01 - EP KR); **F17C 13/02** (2013.01 - KR); **F17C 2221/033** (2013.01 - EP KR); **F17C 2223/0161** (2013.01 - EP); **F17C 2223/033** (2013.01 - EP); **F17C 2225/0123** (2013.01 - EP); **F17C 2225/035** (2013.01 - EP); **F17C 2227/0135** (2013.01 - EP); **F17C 2227/0157** (2013.01 - EP KR); **F17C 2227/0318** (2013.01 - EP); **F17C 2250/03** (2013.01 - EP); **F17C 2250/043** (2013.01 - EP); **F17C 2265/03** (2013.01 - EP KR); **F17C 2265/037** (2013.01 - EP); **F17C 2265/05** (2013.01 - EP); **F17C 2265/06** (2013.01 - EP); **F17C 2265/068** (2013.01 - EP); **F17C 2270/0134** (2013.01 - EP)

Citation (search report)

See references of WO 2020054068A1

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BA ME

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