

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

F17C 13/00 (2006.01); **F17C 9/02** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2020054068A1

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BA ME

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EP 3851730 A1 20210721; **EP 3851730 A4 20210922**; JP 6503521 B1 20190417; JP WO2020054068 A1 20201022; KR 20210058819 A 20210524; WO 2020054068 A1 20200319

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