

Title (en)

Method for controlling the operation of a multistage boil-off gas (BOG) compressor

Title (de)

Verfahren zur Steuerung eines mehrstufigen BOG-Kompressors

Title (fr)

Procédé de commande du fonctionnement d'un compresseur à plusieurs étages pour des vapeurs émissant de gaz naturel liquéfié.

Publication

EP 2392825 A2 20111207 (EN)

Application

EP 11166316 A 20110517

Priority

JP 2010129956 A 20100607

Abstract (en)

Method for controlling the operation of a BOG multistage compressor (8) including plural stages of compression sections (9,10), which are connected with each other, for compressing boil-off gas (BOG) generated from liquefied natural gas. The method comprises, in case of a predetermined condition, making a ratio of a load on a low pressure stage compression section to a load on a high pressure stage compression section (load ratio) smaller than load ratios in case of conditions other than the predetermined condition. The said predetermined condition is, either a condition where the suction temperature of the low pressure stage compression section (9) is not lower than a first preset temperature, or a condition where the discharge temperature of the low pressure stage compression section (9) is not lower than a second preset temperature. This control method prevents the temperature of the low pressure stage compression section (9) from exceeding a maximum allowable temperature.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

JP 2002213366 A 20020731 - KOBEL STEEL LTD

Cited by

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