

Title (en)

Method and device for providing electrical and thermal energy, in particular in a harbour

Title (de)

Verfahren und Vorrichtung zur Bereitstellung von elektrischer und thermischer Energie, insbesondere in einer Hafenanlage

Title (fr)

Procédé et dispositif d'approvisionnement en énergie électrique et thermique, notamment dans une installation portuaire

Publication

EP 2405176 B1 20130313 (DE)

Application

EP 11450073 A 20110609

Priority

AT 11712010 A 20100709

Abstract (en)

[origin: EP2405176A1] The method involves burning boil-off-gas in an internal combustion engine under generation of heat and power. Fluid natural gas is compressed after evaporation and relieved to feeding pressure of a gas supply network via turbines (37). Chillness is obtained from the evaporation- and relieving processes and supplied to refrigeration loads. Electrical energy is obtained via the turbines during relieving processes and stored in a network. Biogas is burnt in a combustion engine (27) under generation of heat and power. An independent claim is also included for a device for providing electrical energy and thermal energy in a harbor facility.

IPC 8 full level

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CPC (source: EP)

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