ABSTRACT

Device and method for cooling liquefied gas and/or natural boil-off gas from liquefied gas

Device (10) for cooling natural boil-off gas for an energy production installation (12), in particular on board a ship,

characterized in that it includes:

- an optional main tank (14) for storing liquefied gas including a first natural boil-off gas outlet (45),
- means (170) for cooling liquefied gas,
- a secondary tank (30) for cooled liquefied gas configured to store liquefied gas cooled by said cooling means,
- a first heat exchange circuit (40) including an inlet adapted to be connected to said first outlet of said main tank in order to circulate natural boil-off gas in said circuit, said first circuit being configured to cooperate with said secondary tank in order for said natural boil-off gas passing through said first circuit to be cooled by cooled liquefied gas stored in said secondary tank or coming from said secondary tank.

Figure for the abstract: Figure 1