

Method and system for inerting a wall of a liquefied fuel gas-storage tank

ABSTRACT

The invention relates to a process for inerting a wall of an impermeable and thermally insulating tank (1) intended to contain a liquefied fuel gas, wherein the wall has a multilayer structure comprising two impermeable barriers (2, 4) and one thermally insulating barrier (3), said process making provision for:

- implementing a first inerting mode wherein the gas phase of the thermally insulating barrier (3) is placed under a relative pressure lower than a flammability limit pressure P_i of the fuel gas;
- detecting, during the first inerting mode, whether the pressure of the gas phase of the thermally insulating barrier (3) exceeds said threshold pressure P_s ;
- switching from the first inerting mode to a second inerting, the second inerting mode making provision for flushing the thermally insulating barrier (3) with an inert gas.

Figure to be published: 1