

**Method and system for treating and feeding natural gas to an apparatus for
generating power in order to propel a ship**

ABSTRACT

- 5 The invention relates to a method for treating and conveying natural gas, in a ship
(1), from a liquefied gas storage tank (2) to energy production equipment (4, 6), on
the one hand, and to a burner (5) of an energy production installation, on the other
hand, said method comprising in succession:
- a step of supplying the energy production equipment (4, 6), during which step
10 natural gas is carried through a phase separator (11a, 11b) allowing a heavy
fraction of the natural gas containing the hydrocarbons that have the longest
carbon chain to be returned to the tank (2) in the form of condensate and
allowing a light fraction of the natural gas containing the hydrocarbons that have
the shortest carbon chain to be carried to the energy production equipment (4,
15 6); then
 - a step of recovering the heavy fraction of the natural gas during which step
natural gas is carried from the tank (2) to the burner (5), bypassing said phase
separator (11a, 11b).

20

Figure to be published: 1