

**Improved system for treating and supplying natural gas comprising a circuit
for heating the tank**

ABSTRACT

The invention relates to a system for treating and conveying natural gas, comprising:

- a supply circuit feeding energy-production equipment chosen from a combustion engine, a fuel cell or a gas turbine, allowing natural gas to be conveyed from a liquefied natural gas storage tank (2) to said energy-production equipment (4, 6), said supply circuit comprising an upstream portion connected to the tank (2) and a downstream portion connected to the energy-production equipment (4, 6);
- a burner (5) supply circuit allowing natural gas to be conveyed from the tank (2) to the burner (6), comprising an upstream portion connected to the tank (2) and a downstream portion connected to the burner (5);
- a heating circuit for heating the tank (2) able to collect a stream of gas at the bottom of the tank (2) and inject it into the top of the tank (2), said heating circuit comprising an upstream portion connected to a pipeline (52) opening into the bottom of the tank (2) and a downstream portion connected to a pipeline (71) opening into the top of the tank (2).

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