

Title (en)

IMPROVED SYSTEM FOR TREATING AND SUPPLYING NATURAL GAS COMPRISING A CIRCUIT FOR HEATING THE TANK

Title (de)

VERBESSERTES SYSTEM ZUR BEHANDLUNG UND ZUFUHR VON ERDGAS MIT EINER SCHALTUNG ZUM ERWÄRMEN EINES TANKS

Title (fr)

SYSTEME PERFECTIONNE DE TRAITEMENT ET D'ACHEMINEMENT DE GAZ NATUREL COMPORTANT UN CIRCUIT DE CHAUFFAGE DE LA CUVE

Publication

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Application

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Abstract (en)

[origin: WO2014167220A1] The invention relates to a system for treating and supplying natural gas comprising: a circuit for feeding an apparatus for generating power, which is selected among a heat engine, a fuel cell or a gas turbine, and which makes it possible to supply natural gas from a liquefied natural gas storage tank (2) to said apparatus for generating power (4, 6), said supply circuit comprising an upstream portion connected to the tank (2) and a downstream portion connected to the apparatus for generating power (4, 6); a circuit for feeding a burner (5) making it possible to supplying the natural gas 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 circuit for heating the tank (2) capable of collecting a gas stream at the bottom of the tank (2) and injecting same at the top portion of the tank (2), said heating circuit comprising an upstream portion connected to a pipe (52) leading into the bottom portion of the tank (2) and a downstream portion connected to a pipe (71) leading into the top portion of the tank (2).

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