Title (en)

METHOD AND DEVICE FOR FILLING A TANK WITH NATURAL GAS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEFÜLLEN EINES TANKS MIT ERDGAS

Title (fr)

PROCEDE ET DISPOSITIF POUR LE REMPLISSAGE D'UN RESERVOIR AVEC DU GAZ NATUREL

Publication

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Abstract (en)

[origin: WO0212778A1] The invention relates to a method and device for filling a tank with natural gas. In order to avoid the inadvertent filling of a liquid tank, which is arranged to withstand a significantly lower pressure than a natural gas tank, in place of a natural gas tank, a particular filling process is disclosed. According to the invention, the tank is filled to a pressure somewhat above the opening pressure of a safety valve on a liquid tank. A holding phase is then maintained. Should the gas pressure sink during said holding phase then the tank concerned is erroneously a liquid tank and not a natural gas tank. Under these circumstances the filling process is terminated.

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