

Title (en)

Injection method and apparatus for odorising a gas, in a pumping station

Title (de)

Einspritzverfahren und Vorrichtung zur Odorierung von Gas in einer Pumpstation

Title (fr)

Procédé et appareil d'injection destiné à conférer une odeur à un gaz dans un station de pompage

Publication

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Application

EP 99830684 A 19991029

Priority

IT BO990071 A 19990219

Abstract (en)

[origin: EP1030098A2] A method for odorising a gas in a pumping station (1) provided with an intake pipeline (2) for drawing the gas from a distribution line, with a meter (3) and with a pipeline (4) for delivering the gas towards a user, arranged in mutual succession - comprises a phase whereby an odorising liquid is dispersed into the gas transiting through the pipeline (4) for delivering the gas implemented by a controlled injector (10) of odorising liquid and further cyclical phases consisting of supplying the injector (10) with odorising liquid contained in a pressurisable tank (5) of pre-determined volume by means of thrust imparted on the odorising liquid by a flow (6) of gas drawn from the intake pipeline (2) and introduced into the pressurisable tank (5); of re-injecting the flow (6) of gas back into the intake pipeline (2), upstream of the meter (3); and of refilling the pressurisable tank (5) of the odorising liquid with a volume of liquid corresponding to the transferred volume. An injection apparatus (B) operating according to the method is an integral part of the invention. <IMAGE>

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Cited by

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