

Title (en)

SAFETY MONITOR FOR GAS MIXTURES REQUIRING STORAGE IN SPECIFIC TEMPERATURE REGIMES

Title (de)

SICHERHEITSMONITOR FÜR GASMISCHUNGEN, DIE DER LAGERUNG IN BESTIMMTEN TEMPERATURREGIMEN ERFORDERN

Title (fr)

MONITEUR DE SÉCURITÉ POUR DES MÉLANGES DE GAZ NÉCESSITANT DES RÉGIMES DE TEMPÉRATURE SPÉCIFIQUES

Publication

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Application

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Priority

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Abstract (en)

The present invention pertains to providing a monitoring of the status of a gaseous mixture within a gas cylinder, which may be subjected to various ambient temperatures that influence the state of the gaseous mixture. Accordingly, a gas monitoring device a gas monitoring device (10) for use with a gas cylinder (12) is suggested, comprising a first temperature sensor (16) for measuring an ambient temperature of the gas cylinder (12), an indicator (18) for indicating a status of a gaseous mixture comprised in the gas cylinder(12), and an evaluation unit(20) in communication with the first temperature sensor (16) and the indicator (18) and configured to determine a status of the gaseous mixture based on the received ambient temperature measurement. The evaluation unit (20) is furthermore configured to output a signal corresponding to said status to the indicator (18), when the gas monitoring device (10) is coupled to the gas cylinder (12).

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Citation (search report)

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Designated contracting state (EPC)

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