

Title (en)

METHOD AND DEVICE FOR THE QUANTITATIVE GAS ANALYSIS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR QUANTITATIVEN GASANALYSE

Title (fr)

PROCEDE ET DISPOSITIF POUR L'ANALYSE DE GAZ QUANTITATIVE

Publication

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Application

EP 00967587 A 20000915

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Abstract (en)

[origin: WO0120294A2] The invention relates to a device and a method for the quantitative gas analysis. According to the invention, the gas analysis of a sample atmosphere is carried out by means of a sensor device and by establishing a diffusion seal between the sample atmosphere that is contained in a sample system and a measuring chamber. The gas analysis of the sample atmosphere which is diffused into the measuring chamber is carried out by means of the sensor device. The sensor head (5) can be coupled to the measuring adapter (4). The radiation source (16) and the detector device (17) are fixed to the measuring chamber (9) in a defined orientation. The measuring radiation (24) that is emitted by the radiation source (16) traverses the measuring chamber (9) at least once and is detected by the detector device (17) after said measuring radiation has left the measuring chamber (9).

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