

Title (en)

MEASURING PROBE AND METHOD FOR MEASURING THE CONCENTRATION OF AGENTS IN GASES AND/OR LIQUIDS

Title (de)

MESSSONDE UND VERFAHREN ZUR MESSUNG DER KONZENTRATION VON AGENZIEEN IN GASEN UND/ODER FLÜSSIGKEITEN

Title (fr)

SONDE DE MESURE ET PROCEDE POUR MESURER LA CONCENTRATION D'AGENTS DANS DES GAZ ET/OU DES LIQUIDES

Publication

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Application

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Abstract (en)

[origin: WO0034764A1] The invention relates to a sensitive measuring probe (1) and an associated measuring method for detecting agents and the concentration thereof in gases and/or liquids. The inventive measuring probe can be used in a wide range of different real measuring conditions without any additional measures, and no heating element is required. To this end, a liquid cover film (7) is provided over the sensor-active layer of a measuring probe (1). Said cover film is integrated into the active area of the measuring probe (1) and the combination of different partial conductance values, especially the substance (4), the cover film (7) and the active surface (8) which forms between the two is used to establish the overall conductance value without compensation.

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