

Title (en)
METHOD FOR THE RAPID SPECTROSCOPIC ANALYSIS OF THE CONCENTRATION, TEMPERATURE, AND PRESSURE OF GASEOUS WATER

Title (de)
VERFAHREN ZUR RASCHEN SPEKTROSKOPISCHEN KONZENTRATIONS-, TEMPERATUR- UND DRUCKMESSUNG VON GASFÖRMIGEM WASSER

Title (fr)
PROCÉDÉ DE MESURE SPECTROSCOPIQUE RAPIDE DE LA CONCENTRATION, DE LA TEMPÉRATURE ET DE LA PRESSION D'EAU GAZEUSE

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Abstract (en)
[origin: WO03069316A1] The invention relates to a method for performing laser adsorption spectroscopy of gases. According to the inventive method, a gas which has at least one characteristic absorption feature in the wavelength range from 0.5 μm to 15 μm is detected. Spectroscopic analysis is carried out in said wavelength range by means of at least one vertical cavity surface emitting laser (VCSEL).

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