

Title (en)

DEVICE USED IN WAVELENGTH MODULATION SPECTROSCOPY AND SYSTEM USING SUCH A DEVICE

Title (de)

VORRICHTUNG FÜR WELLENLÄNGENMODULATIONSSPEKTROSKOPIE UND SYSTEM MIT DERARTIGER VORRICHTUNG

Title (fr)

DISPOSITIF UTILISE EN SPECTROSCOPIE PAR MODULATION DE LONGUEUR D'ONDE ET SYSTEME UTILISANT CE DISPOSITIF

Publication

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Application

**EP 07835065 A 20070928**

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Abstract (en)

[origin: WO2008041905A1] The invention relates to device (1,19,24) arranged for use in a wavelength spectroscopic system. The device is adapted for rotation around a rotational axis, and has a portion transparent to light extending through it. The device is arranged for receiving or is provided with an optical filter (3) in the transparent portion such that the filter normal and the rotational axis are not equal. The transparent portion maybe constituted by a through hole. In a particularly advantageous embodiment, the device simply comprises the inner rotating part (19) of a motor having a through hole in the inner rotating part. The invention further relates to a wavelength modulation spectroscopic system with a device according to the invention. A wavelength modulation spectroscopic system with such a device is a particularly simple design for spectroscopic detection of substances, such as water ice.

IPC 8 full level

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