

Fourier-Transform Spectrometer and Method of Operating a Fourier-Transform Spectrometer

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Abstract

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The invention relates to a Fourier-Transform Spectrometer (200) having a polariscope unit (210) comprising at least two birefringent crystals, a detector unit (202) for detecting light rays and a lens unit (204) arranged between the polariscope unit (210) and the detector unit (202) comprising at least of one lens element (206) for directing the light rays to the detector unit (202). In this case, the lens unit (204) has a focal length changeable by means of the lens element (206) in order to be able to switch the Fourier-Transform Spectrometer (200) between different operation modes.

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(Figure 2)