

Title (en)

METHOD AND DEVICE FOR OPTICALLY SCANNING A SAMPLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR OPTISCHEN ABTASTUNG EINER PROBE

Title (fr)

PROCEDE ET SYSTEME DE BALAYAGE OPTIQUE D'UN ECHANTILLON

Publication

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Application

EP 06724164 A 20060408

Priority

- EP 2006003227 W 20060408
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Abstract (en)

[origin: WO2007000199A1] The invention relates to a method and a device for optically scanning a sample, especially using a microscope. To this end, an adjustment unit (2, 3) and a scanning device (4, 5) are provided. The sample (1) is displaced in relation to the scanning device (4, 5) by means of the adjustment unit (2, 3) which is acted upon by a control installation (7), or vice versa. According to the invention, a displacement window (F) is defined for the adjustment unit (2, 3) and/or the scanning device (4, 5), inside which mechanical collisions between the sample (1) and the scanning device are prevented. This is especially advantageous in biological samples. A non-contact sample sensor (8) is provided for the prevention of collisions, said sensor operating, for example, by electromagnetic or acoustic waves.

IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

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