

Title (en)

METHOD AND DEVICE FOR LASER CUTTING MICROSCOPIC SAMPLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM LASERSCHNEIDEN MIKROSKOPISCHER PROBEN

Title (fr)

PROCEDE ET DISPOSITIF POUR DECOUPER AU LASER DES ECHANTILLONS MICROSCOPIQUES

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Application

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Priority

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Abstract (en)

[origin: WO0179806A1] The invention relates to a method and a device for laser cutting microscopic samples. The device for laser cutting microscopic samples comprises a microscope (1) having at least one lens (6) for observing a sample (12) that is to be cut. The lens (6) defines an optical axis (14) and a lens aperture (34). A laser (4) is also connected to the microscope (1). The laser (4) generates a laser beam (41) that is injected into the lens (6) by means of at least one optical system (16). A diaphragm (18) is provided, which generates a dimmed laser beam (4b), whereby the laser aperture (36) generated by the lens (6) is smaller than the lens aperture (34) of the lens (6) itself.

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