

Title (en)

DEVICE AND METHOD FOR THE REPRODUCIBLE ADJUSTMENT OF THE PIN HOLE OPENING AND PIN HOLE POSITION IN LASER SCANNING MICROSCOPES

Title (de)

EINRICHTUNG UND VERFAHREN ZUR REPRODUZIERBAREN EINSTELLUNG DER PINHOLEÖFFNUNG UND PINHOLELAGE IN LASERSCANMIKROSKOPEN

Title (fr)

DISPOSITIF ET PROCEDE DE REGLAGE REPRODUCTIBLE DE L'OUVERTURE ET DE LA POSITION D'UN STENOPE DANS UN MICROSCOPE A BALAYAGE LASER

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006117172A2] Disclosed is a device for adjusting the position and/or size of a pin hole in a laser scanning microscope (LSM). According to the invention, the pin hole is illuminated via a separate light source or the LSM laser, and the pin hole is displaced perpendicular to the optical axis until a maximum intensity is provided on a receiver, and the pin hole position is detected and is stored along with data pertaining to removable optical components.

IPC 8 full level

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