

Title (en)  
MULTIPHOTON FLUORESCENCE MICROSCOPE WITH PLANE ARRAY DETECTOR

Title (de)  
MEHR-PHOTONEN-FLUORESZENZMIKROSKOP MIT FLÄCHENDETEKTOR

Title (fr)  
MICROSCOPE A FLUORESCENCE MULTIPHOTONIQUE A DETECTEUR PLAN

Publication  
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Application  
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Abstract (en)  
[origin: WO2005029148A1] A multiphoton fluorescence microscope (M) is disclosed, comprising an excitation beam path, with a lens (2) which collects the excitation beam (1) at a focal point (4) in the sample (5), a scan device, which adjusts the focal point (4) at least one-dimensionally, and a detector device which records fluorescence radiation stimulated in the sample by multiphoton excitation, whereby the detector device comprises a plane array detector (9), located on the opposite side of the sample (5) to the lens (2).

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