

Title (en)

FORMING IMAGES OF A SAMPLE USING SCANNING MICROSCOPY

Title (de)

BILDERZEUGUNG EINER PROBE MITTELS RASTERMIKROSKOPIE

Title (fr)

FORMATION D'IMAGES D'UN ÉCHANTILLON À L'AIDE D'UNE MICROSCOPIE À BALAYAGE

Publication

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Application

EP 18700268 A 20180105

Priority

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- EP 2018050280 W 20180105

Abstract (en)

[origin: WO2018127566A1] Method and system for scanning microscopy are described. The system comprises a first optical system configured to move one or more focused illumination light spots over or through an optical active sample, the one or more focused illumination light spots causing local optical excitations in the optical active sample, the local optical excitations generating emission light. The system further comprises a second optical system configured to form at least a first emission light beam comprising first optical information and second emission light beam comprising second optical information on the basis of the emission light associated with the local optical excitations. The scanning microscopy system also comprises a lens system configured to focus the first emission light beam onto an image plane of an imaging system for forming a first image and configured to focus the second emission light beam onto the image plane of the imaging system for forming a second image. The system also comprises a moveable scanning mirror that is configured to move the focused first and second emission light beam over the image area of the imaging system when the one or more focused illumination light spots are moved over or through the sample.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2018127566A1

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