

Title (en)
IMAGE GENERATION DEVICE

Title (de)
BILDERZEUGUNGSEINRICHTUNG

Title (fr)
DISPOSITIF D'IMAGERIE

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EP 3538945 A1 20190918 (DE)

Application
EP 17797622 A 20171109

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Abstract (en)
[origin: WO2018087219A1] The invention relates to an image generation device comprising a laser light source (1); a mirror assembly having two parabolic mirrors (3, 6) via which a scanning light beam (1a, 5) generated by the laser light source is directed onto a sample surface (9); a deflection device (2), in particular a micromirror scanner, which is controllable such that the scanning light beam (1a, 5) scans points of the sample surface in a targeted manner; and a detector (10) which detects radiation emanating from a scanned point of the sample surface. The spatial resolution of the image generation device is substantially defined by the narrowest possible focusing of the laser beam, and the accuracy of the adjustable deflection angle is defined by the micromirror scanner.

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See references of WO 2018087219A1

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