

Title (en)

SCANNING DEVICE FOR SCANNING AN OBJECT FOR USE IN A SCANNING MICROSCOPE

Title (de)

ABTASTVORRICHTUNG ZUM ABTASTEN EINES OBJEKTS FÜR DEN EINSATZ IN EINEM RASTERMIKROSKOP

Title (fr)

DISPOSITIF DE DÉTECTION POUR DÉTECTER UN OBJET À UTILISER DANS UN MICROSCOPE À BALAYAGE

Publication

EP 3394655 A1 20181031 (DE)

Application

EP 16826338 A 20161223

Priority

- LU 92924 A 20151223
- EP 2016082517 W 20161223

Abstract (en)

[origin: WO2017109155A1] The invention relates to a scanning device (10) for scanning an object (122) for use in a scanning microscope (100) comprising at least one scanning unit (12) for two-dimensionally scanning the object (122) by means of a light beam (104) and at least one rotation device (14) for rotating the scanning unit (12) about an axis of rotation (16) in order to produce an image field rotation. The scanning unit (12) comprises at least one deflecting element (18) for deflecting a light beam (110) that hits the deflecting element (18). Furthermore, the deflecting element (18) has a rotationally symmetric shape.

IPC 8 full level

G02B 21/00 (2006.01); **G02B 26/08** (2006.01); **G02B 26/10** (2006.01); **G02B 27/64** (2006.01)

CPC (source: EP US)

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