

Title (en)

ANALYZER FOR THREE-Dimensionally ANALYZING A MEDICAL SAMPLE BY MEANS OF A LIGHT-FIELD CAMERA

Title (de)

ANALYZER ZUR DREIDIMENSIONALEN ANALYSE EINER MEDIZINISCHEN PROBE MITTELS EINER LICHTFELDKAMERA

Title (fr)

ANALYSEUR DESTINÉ À L'ANALYSE TRIDIMENSIONNELLE D'UN ÉCHANTILLON MÉDICAL AU MOYEN D'UNE CAMÉRA À CHAMP LUMINEUX

Publication

**EP 3803495 A1 20210414 (DE)**

Application

**EP 19728133 A 20190516**

Priority

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- IB 2019054051 W 20190516

Abstract (en)

[origin: WO2019229573A1] The invention relates to an analyzer for analyzing a medical sample. The analyzer comprises an optical microscope for imaging a light field in an object region in order to image the sample. The microscope comprises a light source for illuminating the sample, an objective comprising a converging lens for concentrating and focusing light beams coming from the illuminated sample, and a digital recording device for recording the light beams. A light-field camera for capturing the light field from the object region, which light field is imaged in the microscope, is provided on the microscope.

IPC 8 full level

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CPC (source: EP US)

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