Title (en)

MICROSCOPY DEVICE

Title (de)

MIKROSKOPIERVORRICHTUNG

Title (fr)

DISPOSITIF DE MICROSCOPIE

Publication

EP 3658972 A1 20200603 (DE)

Application

EP 18785835 A 20180925

Priority

- EP 17195143 A 20171006
- EP 2018075881 W 20180925

Abstract (en)

[origin: WO2019068503A1] The invention relates to an optical microscopy device (1a; 1b) for detecting cellular components of a sample (P), comprising: a light source apparatus (2) for emitting a light beam (L); a specimen carrier (3), which can be positioned in the beam path of the light beam (L), for receiving the sample (P); an objective lens (4) which is provided downstream of the specimen carrier (3) in the beam path of the light beam (L); and a camera chip (5) which has pixels of a predefined pixel size, the camera chip (5) being designed to detect the light beam (L) after it passes through the objective lens (4) and being designed to generate a camera image (21, 22, 23), a field number in the intermediate image downstream of the objective lens (4) being greater than 25 millimeters.

IPC 8 full level

G02B 21/00 (2006.01); **G01N 1/28** (2006.01); **G02B 21/36** (2006.01)

CPC (source: EP US)

G02B 21/0008 (2013.01 - EP); **G02B 21/06** (2013.01 - US); **G02B 21/361** (2013.01 - EP US); **G02B 21/367** (2013.01 - EP US)

Citation (search report)

See references of WO 2019068503A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3467563 A1 20190410; EP 3658972 A1 20200603; US 11106028 B2 20210831; US 2020355902 A1 20201112; WO 2019068503 A1 20190411

DOCDB simple family (application)

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