

Title (en)

METHOD AND DEVICE FOR EXAMINING MICROSCOPE SPECIMENS USING OPTICAL MARKERS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR UNTERSUCHUNG VON MIKROSKOPPROBEN UNTER VERWENDUNG OPTISCHER MARKER

Title (fr)

PROCÉDÉ ET DISPOSITIF D'EXAMEN D'ÉCHANTILLONS DE MICROSCOPE À L'AIDE DE MARQUEURS OPTIQUES

Publication

EP 4118478 A1 20230118 (DE)

Application

EP 21712983 A 20210315

Priority

- DE 102020203290 A 20200313
- EP 2021056547 W 20210315

Abstract (en)

[origin: WO2021180982A1] The invention relates to a microscopy method and to a device (100) for examining microscope specimens (102). A microscope specimen (102) comprises an object (104) to be examined by microscope and a specimen carrier (106), which holds the object (104). In order to simplify the examination, in particular the identification, of microscope specimens (102), the device (100) is designed to calculate a digital identification code (108) of the microscope specimen (102) by means of fingerprinting (110) of the microscope specimen (102) using at least one optical marker (112) in at least one digital image (114) of at least part of the object (104). The microscope specimen (102) can be recognized by means of the digital identification code (108).

IPC 8 full level

G02B 21/36 (2006.01)

CPC (source: EP US)

G02B 21/0004 (2013.01 - US); **G02B 21/365** (2013.01 - EP); **G02B 21/367** (2013.01 - US); **G06V 40/12** (2022.01 - US); **G01N 2035/00821** (2013.01 - US)

Citation (search report)

See references of WO 2021180982A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020203290 A1 20210916; EP 4118478 A1 20230118; US 2023161146 A1 20230525; WO 2021180982 A1 20210916

DOCDB simple family (application)

DE 102020203290 A 20200313; EP 2021056547 W 20210315; EP 21712983 A 20210315; US 202117909451 A 20210315