

Title (en)
LIGHT SHEET MICROSCOPE

Title (de)
LICHTBLATTMIKROSKOP

Title (fr)
MICROSCOPE À FEUILLE DE LUMIÈRE

Publication
EP 3881118 A2 20210922 (DE)

Application
EP 19813417 A 20191112

Priority
• DE 102018128264 A 20181112
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Abstract (en)
[origin: WO2020099415A2] The invention relates to a microscope system (100, 200) for examining a sample (118), comprising a microscope (102) having a movable microscope stage (116), on which the sample (118) to be examined can be positioned, and a controller (104). The controller (104) is designed to transmit a first position signal to the microscope stage (116), on the basis of which the microscope stage (116) can be moved to a first stage position, to enable the microscope (102) to examine, in a first examining step, a first region of the sample (118) associated with the first stage position, when the microscope stage (116) has moved into the first stage position; to transmit at least one second position signal to the microscope stage (116), on the basis of which the microscope stage (116) can be moved into a second stage position, and to enable the microscope (102) to examine, in a second examining step chronologically following the first examining step, a second region of the sample (118) associated with the second stage position, when the microscope stage (116) has moved into the second stage position. The controller (104) is also designed to transmit the second position signal to the microscope stage (116) while the microscope stage (116) is moved into the first stage position.

IPC 8 full level
G02B 21/00 (2006.01); **G02B 21/10** (2006.01)

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Citation (search report)
See references of WO 2020099415A2

Designated contracting state (EPC)
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DE 102018128264 A1 20200514; **DE 102018128264 B4 20200820**; EP 3881118 A2 20210922; US 2021278651 A1 20210909; WO 2020099415 A2 20200522; WO 2020099415 A3 20200827

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