

Title (en)

MICROSCOPE SYSTEM AND METHOD FOR CONTROLLING A MICROSCOPE SYSTEM OF THIS TYPE

Title (de)

MIKROSKOPSYSTEM UND VERFAHREN ZUR STEUERUNG EINES SOLCHEN MIKROSKOPSYSTEMS

Title (fr)

SYSTÈME À MICROSCOPE ET PROCÉDÉ SERVANT À COMMANDER UN SYSTÈME DE MICROSCOPE DE CE TYPE

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Application

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Priority

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Abstract (en)

[origin: WO2019179845A1] The invention relates to a microscope system (1) and a method for controlling a microscope system (1) comprising a microscope (10) having multiple microscope components that can be adjusted and/or activated via a control unit (18) of the microscope (10), including at least one microscope lens (13), a microscope illumination device (11, 12) and a microscope camera (15), which generates a digital microscope image, and comprising a control and display device (20) which generates control signals for controlling at least one of the adjustable and/or activatable microscope components and for displaying the microscope image, wherein the control and display device (20) is communicatively connected to the control unit (18) of the microscope (10) and has a display region (22) on which at least one section of the generated digital microscope image is displayed, on which a virtual graphic operating element (21) is superimposed, wherein the operating element (21) has multiple operating fields (23-29), wherein one or more operating fields (23-29) are designed in such a way that, when selecting an operating field (23-29), the control and display device (20) actuates one or more of the adjustable and/or activatable microscope components and/or means for modifying the settings in the control and display device (20), and wherein the operating element (21) is designed in such a way that, when selecting the operating element (21) as a whole, same is modified by means of gesture control within the display region (22) in terms of position and/or in terms of size and/or shape.

IPC 8 full level

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