

Title (en)

ASSEMBLY FOR OPTICALLY PRECONDITIONING AN OPTICALLY ACTIVABLE BIOLOGICAL SAMPLE

Title (de)

ANORDNUNG ZUR OPTISCHEN VORKONDITIONIERUNG EINER OPTISCH AKTIVIERBAREN BIOLOGISCHEN PROBE

Title (fr)

ENSEMBLE DE PRÉCONDITIONNEMENT OPTIQUE D'UN ÉCHANTILLON BIOLOGIQUE OPTIQUEMENT ACTIVABLE

Publication

**EP 4088099 A1 20221116 (DE)**

Application

**EP 21701225 A 20210108**

Priority

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- EP 2021050252 W 20210108

Abstract (en)

[origin: WO2021140189A1] The invention relates to an assembly for optically preconditioning an optically activable biological sample, which comprises a plurality of cells suspended in a liquid, the assembly comprising: a reservoir, which stores the sample and from which the sample can be conveyed through a hollow channel by means of a conveying unit, along which hollow channel the cells can be conveyed serially one after the other and along which hollow channel a light application unit is arranged, which light application unit applies light, with a controllable light application intensity and light application duration, to the cells contained in the sample and flowing through the hollow channel at a flow speed that can be set by means of the conveying unit; and a cell analysis and/or sorting apparatus, which is fluidically connected to the hollow channel downstream of the hollow channel.

IPC 8 full level

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