

Title (en)

MICROFLUIDIC CHIP AND PUMPING DEVICE

Title (de)

MIKROFLUIDISCHER CHIP UND PUMPVORRICHTUNG

Title (fr)

PUCE MICROBIOLOGIQUE ET DISPOSITIF DE POMPAGE

Publication

**EP 4171813 A1 20230503 (EN)**

Application

**EP 20735333 A 20200626**

Priority

EP 2020068079 W 20200626

Abstract (en)

[origin: WO2021259497A1] The present application relates to a microfluidic chip for a biological or medical staining or assay. The microfluidic chip comprises a base plate with a first main side and a second main side, a reaction chamber which is open towards said first main side, means for affixing a slide on said reaction chamber in a fluid-tight manner, at least one first channel connecting at least one input opening with the reaction chamber and at least one second channel connecting the reaction chamber to a waste. The at least one first channel comprises at least one solution in a quantity which is sufficient to carry out the staining or assay in the reaction chamber. Further, the present application also relates to a pumping device comprising a seat for a microfluidic chip as described above and a pump. The seat is configured such that at least one outlet of the pump is connectable to at least one input opening of a microfluidic chip arranged in said seat in order to pump a fluid into said at least one input opening by means of the pump.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2021259497A1

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