

Title (en)

METHOD AND DEVICE FOR TAKING AND ANALYZING SAMPLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ENTNAHME UND ANALYSE VON PROBEN

Title (fr)

PROCEDE ET DISPOSITIF DE PRELEVEMENT ET D'ANALYSE D'ECHANTILLONS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006072382A1] Disclosed is a method for taking and analyzing samples from a microreaction system (3) comprising a suction tube (9) that is located laterally next to a discharge port (4) of the microreaction system (3). According to said method, a vacuum is created in the suction tube (9) in order to suck off substances discharged from the discharge port (4) such that the discharged substance flow is divided into a suctioned substance flow and a free-falling substance flow, whereupon one of the two divided substance flows is fed to an analysis apparatus (10) in order to be analyzed. The vacuum in the suction tube (9) can be influenced, and the division of the discharged substance flow can thus be controlled or regulated, in accordance with a result of the analysis. Furthermore, reaction parameters can be predefined or controlled in accordance with results of analyses. A device for carrying out the inventive method comprises a hole of the suction tube (9), which is disposed laterally next to the discharge port (4). A vacuum can be created in the suction tube (9) while an analysis apparatus (10) is connected to the suction tube (9) or is arranged below the discharge port (4).

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