

Title (en)
A MICROFLUIDIC SYSTEM (MS)

Title (de)
MIKROFLUIDISCHES SYSTEM (MS)

Title (fr)
SYSTEME MICROFLUIDIQUE (MS)

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Application
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Abstract (en)
[origin: WO02075776A1] A method for presenting an analyte of a liquid sample as an MS-analyte to a mass spectrometer. The method is characterized in (a) comprising the steps of: (i) applying the liquid sample to a sample inlet port (I) of a microchannel structure (I) of a microfluidic device, said structure also comprising an MS-port, (ii) transporting the analyte by a liquid flow in microchannel structure (I) thereby transforming the analyte to an MS-analyte, and (iii) presenting the MS-analyte to a mass spectrometer via the MS-port, and (b) using inertia force for creating said liquid flow within at least a part of microchannel structure (I). A microfluidic disc comprising (a) an axis of symmetry perpendicular to the plane of the disc, (b) a microchannel structure (I) comprising an inner application area at a shorter radial distance than an outlet port, and an MS-port and a sample inlet port (I).

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H01J 49/04; G01N 35/10

IPC 8 full level
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Citation (search report)
See references of WO 02075776A1

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