

Title (en)

LAB-ON-A-CHIP COMPRISING A COPLANAR MICROFLUIDIC SYSTEM AND ELECTROSPRAY NOZZLE

Title (de)

LABOR AUF EINEM CHIP MIT KOPLANAREM MIKROFLUIDISCHEM SYSTEM UND ELEKTROSPRAY-DÜSE

Title (fr)

LABORATOIRE SUR PUCE COMPRENANT UN RESEAU MICRO-FLUIDIQUE ET UN NEZ D'ELECTRONEBULISATION COPLANAIRES

Publication

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Application

**EP 05717692 A 20050128**

Priority

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Abstract (en)

[origin: WO2005076311A1] The invention relates to a lab-on-a-chip comprising a fluidic system which is provided in a substrate, a fluid inlet which is connected to the fluidic system and a fluid outlet which is connected to the fluidic system. The aforementioned substrate comprises a plane layer (53) containing the fluidic system and an electrospray nozzle (65), said electrospray nozzle overhanging the rest of the substrate (51, 52). Moreover, the electrospray nozzle comprises a channel (64) having one end which is connected to the fluidic system and another end which forms the above-mentioned fluid outlet, said channel being equipped with electric conduction means (59) forming at least one electrode.

IPC 8 full level

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CPC (source: EP US)

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