

Title (en)
METHODS AND SYSTEMS FOR ENHANCED MICROFLUIDIC PROCESSING

Title (de)
VERFAHREN UND SYSTEME FÜR EINE VERBESSERTE MIKROFLUIDISCHE VERARBEITUNG

Title (fr)
PROCÉDÉS ET SYSTÈMES DE TRAITEMENT MICRO-FLUIDIQUE AMÉLIORÉ

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Application
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Priority
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Abstract (en)
[origin: WO2014137940A1] Methods and systems are provided for a microfluidic cartridge including a high performance actuator useful for analyte detection, labeling and analysis. Microfluidic processing systems are to carry out chemical or biochemical reactions, or sequences of reactions, with small volumes (typically between 1 microliter and 10 milliliters) of reactants and products. A microfluidic processing system can comprise a network of tubes interfaced with discrete components such as valves and sensors, or an integrated device made of plastic, glass, metal, or other materials, or a combination of materials, with components such as valves and sensors built into the device and connected by flow passageways formed in the material.

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