

Title (en)
BONDED MICROFLUIDICS SYSTEM COMPRISING CMOS-CONTROLLABLE MICROFLUIDIC DEVICES

Title (de)
GEBONDETES MIKROFLUIDSYSTEM MIT CMOS-STEUERBAREN MIKROFLUIDVORRICHTUNGEN

Title (fr)
SYSTÈME MICROFLUIDIQUE LIÉ COMPRENANT DES DISPOSITIFS MICROFLUIDIQUES COMMANDÉS PAR CMOS

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Application
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Priority
AU 2008000881 W 20080620

Abstract (en)
[origin: WO2009152547A1] A microfluidic system comprising an integrated circuit having a bonding surface bonded to a polymeric microfluidics platform. The microfluidic system comprises one or more microfluidics devices controlled by control circuitry in the integrated circuit. At least one of the microfluidic devices comprises a MEMS actuator positioned in a MEMS layer of the integrated circuit. The MEMS layer is covered with a polymeric layer which defines the bonding surface of the integrated circuit.

IPC 8 full level
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Citation (search report)
See references of WO 2009152547A1

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