

Title (en)

MICROFLUIDIC APPARATUS FOR WIDE AREA MICROARRAYS

Title (de)

MIKROFLUIDVORRICHTUNG FÜR BREITFLÄCHIGE MIKROARRAYS

Title (fr)

APPAREIL MICROFLUIDIQUE POUR DES MICRORÉSEAUX À LARGE ZONE

Publication

EP 2240600 A4 20110803 (EN)

Application

EP 08798995 A 20080829

Priority

- US 2008074865 W 20080829
- US 84688307 A 20070829
- US 84690807 A 20070829

Abstract (en)

[origin: WO2009029845A1] A microfluidic device includes a fluid inlet having a semi-circular groove and a flow chamber including an inner wall having an inlet end. The fluid inlet is in communication with the flow chamber. The inner wall at the inlet end is curved and has a radius similar to the radius of the semi-circular groove. A method of analysis includes introducing an analyte fluid to the surface of a sample chip through the microfluidic device.

IPC 8 full level

C12Q 1/68 (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] US 2003152927 A1 20030814 - JAKOBSEN MOGENS HAVSTEEN [DK], et al
- [A] WO 9303842 A2 19930304 - ACTIMED LAB INC [US]
- [A] WO 2006107262 A1 20061012 - BOULE MEDICAL AB [SE], et al
- [A] EP 0153110 A2 19850828 - EASTMAN KODAK CO [US]
- See references of WO 2009029845A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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