Title (en)

MICROFLUIDIC DEVICE AND METHOD FOR OPERATING A MICROFLUIDIC DEVICE

Title (de)

MIKROFLUIDISCHE VORRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER MIKROFLUIDISCHEN VORRICHTUNG

Title (fr)

DISPOSITIF MICROFLUIDIQUE ET PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF MICROFLUIDIQUE

Publication

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Application

EP 16808605 A 20161206

Priority

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- EP 2016079866 W 20161206

Abstract (en)

[origin: WO2017108387A1] The invention relates to a microfluidic device (100). The device (100) comprises a chamber substrate (105) with a fluid chamber (110) for receiving a fluid, a cover substrate (115) with a punch opening (125), said punch opening (125) lying opposite a fluid chamber opening (130) of the fluid chamber (110), a flexible membrane (135) which is arranged between the chamber substrate (105) and the cover substrate (115) and which spans the punch opening (125) and the fluid chamber opening (130), and a punch unit (120) which is designed to be brought into the fluid chamber (110) through the punch opening (125) in order to deflect the membrane (135) into the fluid chamber (110) in order to allow the fluid to flow out of the fluid chamber (110) when the fluid is received in the fluid chamber (110).

IPC 8 full level

B01L 3/00 (2006.01)

CPC (source: EP KR US)

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Cited by

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