

Title (en)
MICROFLUIDIC CIRCUIT

Title (de)
MIKROFLUIDISCHER SCHALTKREIS

Title (fr)
CIRCUIT MICROFLUIDIQUE

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Application
EP 10778686 A 20100929

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Abstract (en)
[origin: WO2011039475A1] The invention relates to a microfluidic circuit (1) including at least one microchannel (2) for the flow of a first fluid conveying drops (5) or bubbles of at least one second fluid, characterised in that the height (h) of the microchannel (2) is sized so as to crush the drops (5) or bubbles during the movement thereof, and in that the microchannel (2) comprises at least one trough (3), extending at least partially in the direction of flow (F) of the first fluid or an area for trapping drops or bubbles, said area (28) or the trough (3) having a height (hc) that is greater than the height (h) of the microchannel (2), such that at least some of the drops (5) or bubbles of the second fluid in the microchannel are drawn and guided into the trough (3) or into the trapping area.

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Cited by
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JP 5752694 B2 20150722; KR 101720683 B1 20170328; KR 20120082015 A 20120720; US 2012315203 A1 20121213;
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