Title (en)
MICROFLUID DEVICE

Title (de)
MIKROFLUIDVORRICHTUNG

Title (fr)
DISPOSITIF MICROFLUIDIQUE

Publication
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Application
EP 09775618 A 20090827

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Abstract (en)
[origin: WO2010022428A1] The invention relates to a microfluid device for dispensing a fluid or a fluid mixture, said device comprising a dispensing channel (5), at least one main fluid delivery channel (1, 10) which lies substantially in the plane of the dispensing channel (5) and runs laterally thereto and merges into at least one subsidiary delivery channel (2, 2', 20, 20') that in turn opens into an inlet channel (3, 3', 30, 30') lying above or below the dispensing channel (5), which inlet channel (3, 3', 30, 30') opens into the dispensing channel (5) from above or below via at least one inlet opening (4, 4', 40, 40'), characterized in that the at least one inlet channel (3, 3', 30, 30') has a cross-sectional shape that changes in the longitudinal direction thereof and/or the at least one inlet opening (4, 4', 40, 40') has an opening width that changes in the transverse direction of the dispensing channel (5).

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Citation (search report)
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