

Title (en)

Modular microfluidic sample preparation system and method of mixing and delivering a sample fluid.

Title (de)

Modulares mikrofluidisches Probenvorbereitungssystem und Verfahren zum Mischen und Liefern einer Probenflüssigkeit

Title (fr)

Système modulaire de préparation d'échantillons microfluidiques et procédé de mélange et de fourniture d'un échantillon fluide

Publication

EP 2281631 B1 20161214 (EN)

Application

EP 09167507 A 20090807

Priority

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Abstract (en)

[origin: EP2281631A1] A modular microfluidic sample preparation system (1), wherein the system comprises a first preparation module (2). The first preparation module (2) comprising a first surface (24) and an opposing second surface (25) and being delimited by first lateral faces (7). The first preparation module (2) comprises an outlet (38) arranged at the second surface (25) of the first preparation module (2) and an inlet (4), the inlet (4) and the outlet (38) being connected via a first microfluidic channel system (26). A second preparation module (3) comprises a first surface and an opposing second surface and being delimited by second lateral faces (8). Said second preparation module (3) further comprises an intake (10). The intake (10) being connected to a second microfluidic channel system (50). The first preparation module (2) is connected to the second preparation module (3) so that the second surface (25) faces the first surface of the second preparation module (3) and so that the outlet (38) faces the intake (10).

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Cited by

US11519845B2; CN106573240A; US11085931B2; US11119096B2; US10029041B2; WO2013071301A1; US9625465B2; US10434508B2; WO2016001795A1

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