

Title (en)
Microfluidic chip

Title (de)
Mikrofluidischer Chip

Title (fr)
Puce microfluide

Publication
EP 1967266 A1 20080910 (EN)

Application
EP 07022552 A 20071121

Priority
• JP 2006316129 A 20061122
• JP 2007297003 A 20071115

Abstract (en)
A microfluidic chip, includes: a first port for inputting a sample liquid; and a first liquid; a second port for inputting a second liquid; a third port for supplying air pressure; a first channel (A) for mixing the sample liquid and the first liquid to generate a first mixed liquid; a second channel (B) for heating the first mixed liquid; a third channel (C) for allowing the second liquid to converge into the first mixed liquid to generate a second mixed liquid; a fourth channel (D) installing a first solid; a fifth channel (E) for promoting mixing of the first solid; a plurality of sixth channels (F) each having a second solid; and a seventh channel (G), which connects the fifth channel (E) and the plurality of sixth channels (F), for dispensing a fixed quantity of the second mixed liquid to each of the plurality of sixth channels (F).

IPC 8 full level
B01L 3/00 (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)
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