

Title (en)

Microfluidic System and method of operating the system

Title (de)

Mikrofluidisches System und Verfahren zum Betreiben eines solchen Systems

Title (fr)

Système microfluidique et son procédé de d'utilisation

Publication

EP 2535108 B1 20161012 (DE)

Application

EP 12163529 A 20120410

Priority

DE 102011077101 A 20110607

Abstract (en)

[origin: EP2535108A1] The microfluidic system (103) has a cartridge (100) with a drum (108) that has a chamber, where an adjusting unit is provided to rotate the drum around a central axis, in order to connect the chamber with another chamber (120,122,132,136) in liquid-, gas- and particle guiding manner. A printing unit (101) changes a component with a pressure difference, in order to transfer the pressure difference between the chambers. An independent claim is included for a method for operating a microfluidic system.

IPC 8 full level

B01L 3/00 (2006.01)

CPC (source: EP US)

B01L 3/50273 (2013.01 - EP US); **B01L 3/502738** (2013.01 - EP US); **B01L 2200/025** (2013.01 - EP US); **B01L 2200/027** (2013.01 - EP US); **B01L 2200/0621** (2013.01 - EP US); **B01L 2300/0841** (2013.01 - EP US); **B01L 2400/0644** (2013.01 - EP US); **Y10T 137/0318** (2015.04 - EP US); **Y10T 137/598** (2015.04 - EP US)

Cited by

EP2532427A3; EP2532426A3; EP2532428A3; WO2015049074A1; US9399214B2; US9272278B2; US9475043B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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