

Title (en)
PRELOADED MICROSCALE DEVICES

Title (de)
VORBEFÜLLTE VORRICHTUNGEN IM MIKROMASSSTAB

Title (fr)
DISPOSITIFS PRECHARGÉS DE PETITE ECHELLE

Publication
EP 1608587 B1 20161123 (EN)

Application
EP 04722754 A 20040323

Priority

- SE 2004000440 W 20040323
- SE 0300823 A 20030323
- US 46637603 P 20030429

Abstract (en)
[origin: WO2004083108A1] A microfluidic device comprising one, two or more microchannel structures (101a-h), each of which comprises a reaction microcavity (104a-h) intended for retaining a solid phase material in the form of a wet porous bed. Each of said one, two or more microchannel structures comprises the solid phase material in a dry state together with a bed-preserving agent comprising one or more compounds having bed-preserving activity.

IPC 8 full level
B01L 3/00 (2006.01)

CPC (source: EP)
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Citation (examination)

- US 5726026 A 19980310 - WILDING PETER [US], et al
- WO 02075312 A1 20020926 - GYROS AB [SE], et al

Designated contracting state (EPC)
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WO 2004083108 A1 20040930; EP 1608587 A1 20051228; EP 1608587 B1 20161123; JP 2006521558 A 20060921; JP 2010112963 A 20100520; JP 5171034 B2 20130327; JP 5282051 B2 20130904

DOCDB simple family (application)
SE 2004000440 W 20040323; EP 04722754 A 20040323; JP 2006507978 A 20040323; JP 2010013389 A 20100125