

Title (en)  
MICROREACTOR

Title (de)  
MIKROREAKTOR

Title (fr)  
MICROREACTEUR

Publication  
**EP 1833608 A1 20070919 (DE)**

Application  
**EP 05850267 A 20051214**

Priority  
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Abstract (en)  
[origin: WO2006069627A1] The aim of the invention is to create a device that provides a microfluidic system in which particle fractions (beads) can be guided in a serial and directed manner through ducts and reactions chambers without creating a net fluid movement. Said aim is achieved by combining a small-scale fluid movement that causes the particles to move with a switchable force (blocking force) which fixes the particles. The inventive device can be used in bioanalysis or chemical synthesis.

IPC 8 full level  
**B01L 3/00** (2006.01)

CPC (source: EP)  
**B01L 3/502761** (2013.01); **B01J 2219/00466** (2013.01); **B01J 2219/00468** (2013.01); **B01J 2219/005** (2013.01); **B01J 2219/00605** (2013.01); **B01J 2219/00612** (2013.01); **B01J 2219/00621** (2013.01); **B01J 2219/00722** (2013.01); **B01J 2219/00725** (2013.01); **B01J 2219/00731** (2013.01); **B01L 3/5025** (2013.01); **B01L 2200/0668** (2013.01); **B01L 2300/0816** (2013.01); **B01L 2300/0877** (2013.01)

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**DE 102004062534 A1 20060706**; **DE 102004062534 B4 20070510**; EP 1833608 A1 20070919; WO 2006069627 A1 20060706

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