

Title (en)
MICROFLUIDIC REACTOR SYSTEM

Title (de)
MIKROFLUIDISCHES REAKTORSYSTEM

Title (fr)
SYSTÈME DE RÉACTEUR MICROFLUIDIQUE

Publication
EP 2802417 A2 20141119 (EN)

Application
EP 13703175 A 20130109

Priority
• US 201213346615 A 20120109
• US 2013020869 W 20130109

Abstract (en)
[origin: WO2013106458A2] A compact device for operatively coupling a solid planar substrate, for example a glass slide, to a microfluidic circuit and performing a reaction or reactions on organic matter bound to the face of the planar substrate. Typical reactions include binding, staining and/or labeling reactions. In use, a sealed reaction chamber is formed, the chamber enclosing the organic matter and at least a part of the solid substrate. Headspace in the sealed chamber between the solid substrate is generally of microfluidic dimensions, and diaphragm pump members are used to inject, exchange and/or mix the fluids in the chamber.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2013106458A2

Cited by
EP3749453A4; EP4389265A1; WO2021259497A1; US11926817B2; WO2023047093A1

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