

Title (en)
Microvolume biochemical reaction chamber

Title (de)
Mikrovolumen-Kammer für biochemische Reaktionen

Title (fr)
Chambre de réaction biochimique en microvolume

Publication
EP 1346770 A1 20030924 (EN)

Application
EP 02290629 A 20020313

Priority
EP 02290629 A 20020313

Abstract (en)
Methods and apparatus for performing biomolecular reactions using microvolumes of reagents are disclosed. The apparatus and methods include a chamber (19) having a height less than 50 microns and means for mixing (30,32,24,26) the extremely small volume of fluid in the chamber (19). The decreased volumes combined with mixing greatly improved microarray hybridization signal strength. <IMAGE>

IPC 1-7
B01L 3/00; **B81B 1/00**

IPC 8 full level
B01F 5/06 (2006.01); **B01F 11/00** (2006.01); **B01F 13/00** (2006.01)

CPC (source: EP)
B01F 25/433 (2022.01); **B01F 25/4331** (2022.01); **B01F 31/65** (2022.01); **B01F 33/30** (2022.01)

Citation (search report)
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