

Title (en)  
CLOSED-LOOP BIOCHEMICAL ANALYZERS

Title (de)  
BIOCHEMISCHE ANALYSATOREN, DIE ALS GESCHLOSSENES SYSTEM ARBEITEN

Title (fr)  
ANALYSEURS BIOCHIMIQUES FONCTIONNANT EN BOUCLE FERMEE

Publication  
**EP 0972082 A4 20070425 (EN)**

Application  
**EP 98914498 A 19980403**

Priority  
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• US 6831197 P 19971219

Abstract (en)  
[origin: WO9845481A1] Integrated systems, apparatus, software, and methods for performing biochemical analysis, including DNA sequencing, genomic screening, purification of nucleic acids and other biological components and drug screening are provided. Microfluidic devices, systems and methods for using these devices and systems for performing a wide variety of fluid operations are provided. The devices and systems are used in performing fluid operations which require a large number of iterative, successive or parallel fluid manipulations, in a microscale, or sealed and readily automated format.

IPC 1-7  
**C12Q 1/68**; C12P 19/34; C12N 11/04; C12N 15/00; C12M 1/00; G01N 15/06; G01N 21/00; C07H 21/02; C07H 21/04

IPC 8 full level  
**B01L 3/00** (2006.01); **B01L 3/02** (2006.01); **C07H 21/04** (2006.01); **C12M 1/00** (2006.01); **C12N 15/09** (2006.01); **C12P 19/34** (2006.01); **C12Q 1/68** (2006.01); **G01N 21/64** (2006.01); **G01N 27/447** (2006.01); **G01N 33/50** (2006.01); **B01L 7/00** (2006.01); **G01N 35/10** (2006.01)

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Citation (search report)  
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• [PX] WO 9721090 A1 19970612 - GAMERA BIOSCIENCE [US]  
• [A] WO 9633284 A2 19961024 - SEURAT ANALYTICAL SYSTEMS INC [US], et al  
• [A] EP 0620432 A1 19941019 - CIBA GEIGY AG [CH]  
• [A] EP 0616218 A1 19940921 - HITACHI LTD [JP]  
• See references of WO 9845481A1

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