

Title (en)  
A MICRO-CALORIMETER APPARATUS

Title (de)  
MIKRO-CALORIMETERVORRICHTUNG

Title (fr)  
APPAREIL MICRO-CALORIMETRE

Publication  
**EP 1314012 B8 20090617 (EN)**

Application  
**EP 01952081 A 20010723**

Priority  
• SE 0101664 W 20010723  
• US 21993200 P 20000721

Abstract (en)  
[origin: US2012315691A1] A micro-calorimeter apparatus includes a thermostated housing (3,4,5); a pair of essentially flat heat sinks (9,10), suspended in the housing (2) and thermally floating relative to the environment inside the housing (3,4,5). The heat sinks (9,10) are arranged with their surfaces facing each other. A pair of Peltier elements (11) are thermally attached to the heat sinks (9,10), one element (11) on each heat sink (9,10), on the facing surfaces, forming a gap between them for the accommodation of a generally flat biosensor unit (12).

IPC 8 full level  
**G01K 17/00** (2006.01); **G01N 25/20** (2006.01); **G01N 25/48** (2006.01)

CPC (source: EP US)  
**G01K 17/006** (2013.01 - EP US); **G01N 25/4826** (2013.01 - EP US); **G01N 25/4873** (2013.01 - EP US)

Cited by  
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**WO 0208710 A1 20020131**; AT E428105 T1 20090415; AU 7287601 A 20020205; DE 60138287 D1 20090520; EP 1314012 A1 20030528; EP 1314012 B1 20090408; EP 1314012 B8 20090617; ES 2323124 T3 20090707; US 2004028112 A1 20040212; US 2012315691 A1 20121213; US 8262989 B2 20120911

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