

Title (en)
Improvements in thermal cycler for PCR

Title (de)
Verbesserungen von Thermozyklrier-Geräten für PCR

Title (fr)
Améliorations d'un thermocycleur pour réactions d'amplification par polymérase

Publication
EP 1127619 A2 20010829 (EN)

Application
EP 01112394 A 19980330

Priority
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• US 4175497 P 19970328
• US 4612297 P 19970509

Abstract (en)
An assembly for cycling vials of reaction mixtures through a series of temperature excursions, comprising: a sample block (36) for receiving vials of reaction mixtures; a plurality of thermoelectric devices (60); a heatsink (34); a clamping mechanism positioned so as to clamp said thermoelectric devices between said sample block and said heatsink; a heater (74) positioned around the perimeter of said sample block; and a pin (24) having a first end and a second end, said first end in close contact with said sample block and said second end in close contact with said heatsink so as to provide a thermal path between said sample block and said heatsink. <IMAGE>

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B01L 3/00 (2006.01); **B01L 7/00** (2006.01)

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