

Title (en)
Polymerase chain reaction system

Title (de)
Polymerase-Kettenreaktionssystem

Title (fr)
Système d'amplification en chaîne par polymérase

Publication
EP 1738829 A1 20070103 (EN)

Application
EP 06020621 A 20010103

Priority

- EP 01939975 A 20010103
- US 17441600 P 20000104
- US 75279400 A 20001229

Abstract (en)
A portable polymerase chain reaction DNA amplification and detection system includes one or more chamber modules. Each module supports a duplex assay of a biological sample. Each module has two parallel interrogation ports with a linear optical system. The system is capable of being handheld.

IPC 8 full level
B01J 19/00 (2006.01); **B01L 7/00** (2006.01); **C12M 1/00** (2006.01); **C12M 1/34** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01);
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CPC (source: EP)
B01L 7/52 (2013.01)

Citation (search report)

- [X] US 5721123 A 19980224 - HAYES DONALD J [US], et al
- [A] US 5589136 A 19961231 - NORTHRUP M ALLEN [US], et al
- [A] WO 9838487 A2 19980903 - CEPHEID [US], et al
- [A] EP 0545284 A1 19930609 - CANON KK [JP]
- [A] US 5229580 A 19930720 - CHIONIERE MICHAEL J [US]
- [A] US 3949806 A 19760413 - DUNGES WOLFGANG
- [A] US 5888728 A 19990330 - OLSON JOHN D [US], et al
- [A] WO 9912016 A1 19990311 - CALIPER TECHN CORP [US], et al

Designated contracting state (EPC)
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