

Title (en)

GAS JET PROCESS AND APPARATUS FOR HIGH-SPEED AMPLIFICATION OF DNA

Title (de)

GASSTRAHL-VERFAHREN UND GERÄT FÜR DNA-HOCHGESCHWINDIGKEITSAMPLIFIKATION

Title (fr)

PROCESSUS ET DISPOSITIF A JET DE GAZ POUR AMPLIFICATION D'ADN A GRANDE VITESSE

Publication

**EP 1558757 A1 20050803 (EN)**

Application

**EP 02806779 A 20021101**

Priority

US 0235138 W 20021101

Abstract (en)

[origin: WO2004042086A1] Processes and apparatus for performing fast, precise, and reliable gas jet thermocycling on a sample using of pressurized gases delivered to a thermostated reaction chamber at high velocity using computer controlled electronic multiport valves are disclosed. Apparatus for achieving these processes are also disclosed.

IPC 1-7

**C12Q 1/68**; **C12P 19/34**; **C07H 21/02**; **C07H 21/04**; **C07H 19/00**

IPC 8 full level

**B01L 7/00** (2006.01); **C07H 19/00** (2006.01); **C07H 21/02** (2006.01); **C07H 21/04** (2006.01); **C12P 19/34** (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)

**B01L 7/52** (2013.01); **B01L 2300/0867** (2013.01); **B01L 2300/1838** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 2004042086 A1 20040521**; AU 2002367637 A1 20040607; AU 2002367637 C1 20040607; CN 1720333 A 20060111; EP 1558757 A1 20050803; EP 1558757 A4 20060607; JP 2006504429 A 20060209

DOCDB simple family (application)

**US 0235138 W 20021101**; AU 2002367637 A 20021101; CN 02830133 A 20021101; EP 02806779 A 20021101; JP 2004549816 A 20021101