

Title (en)

STABLE COMPOSITION COMPRISING A NUCLEASE AND A PHOSPHATASE

Title (de)

STABILE ZUSAMMENSETZUNG UMFASSEND EINE NUKLEASE UND EINE PHOSPHATASE

Title (fr)

COMPOSITION STABLE COMPRENANT UNE NUCLEASE ET UNE PHOSPHATASE

Publication

**EP 1343877 A2 20030917 (EN)**

Application

**EP 01924218 A 20010320**

Priority

- US 0108859 W 20010320
- US 19081300 P 20000321

Abstract (en)

[origin: WO0170943A2] A composition containing a nuclease, preferably Exonuclease I, and a phosphatase, preferably Shrimp Alkaline Phosphatase, wherein the enzymes are combined in a single composition yet each enzyme retains significant functional activity over time. Combining Exonuclease I and Shrimp Alkaline Phosphatase into one composition allows simplified processing of amplified DNA to degrade residual primers and nucleotide triphosphates thereby facilitating subsequent DNA analysis.

IPC 1-7

**C12N 9/16**; C12N 9/22; C12Q 1/68

IPC 8 full level

**C12N 15/09** (2006.01); **C12N 9/16** (2006.01); **C12N 9/22** (2006.01); **C12Q 1/42** (2006.01); **C12Q 1/44** (2006.01)

CPC (source: EP)

**C12N 9/16** (2013.01); **C12N 9/22** (2013.01)

Citation (search report)

See references of WO 0170943A2

Citation (examination)

- WO 9306243 A1 19930401 - US BIOCHEMICAL CORP [US]
- WO 0111085 A2 20010215 - WHITEHEAD BIOMEDICAL INST [US], et al
- "ExoSAP-IT Protocol", 2000, Retrieved from the Internet <URL:http://sequencingfacility.med.monash.edu.au/pdf/Exosap.pdf> [retrieved on 20080731]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0170943 A2 20010927**; **WO 0170943 A3 20030717**; AU 5089001 A 20011003; CA 2403438 A1 20010927; CA 2403438 C 20081021; EP 1343877 A2 20030917; EP 2803724 A1 20141119; JP 2004501611 A 20040122; JP 3803295 B2 20060802; NO 20024537 D0 20020920; NO 20024537 L 20021120

DOCDB simple family (application)

**US 0108859 W 20010320**; AU 5089001 A 20010320; CA 2403438 A 20010320; EP 01924218 A 20010320; EP 14173528 A 20010320; JP 2001569326 A 20010320; NO 20024537 A 20020920