

Title (en)

USE OF EXTREMELY THERMOPHILIC DNA-POLYMERASES

Title (de)

VERWENDUNG EXTREM THERMOPHILER DNA-POLYMERASEN

Title (fr)

UTILISATION DE POLYMERASES D'ADN EXTREMEMENT THERMOPHILES

Publication

**EP 0904404 A2 19990331 (DE)**

Application

**EP 97915455 A 19970327**

Priority

- DE 19612684 A 19960329
- EP 9701589 W 19970327

Abstract (en)

[origin: DE19612684A1] A DNA cyclic sequencing process with dye terminators is disclosed. Extremely thermophilic DNA-polymerases are used at a chain elongation temperature in a range from > 60 DEG C to 80 DEG C. Also disclosed is a use of extremely thermophilic DNA-polymerases at a temperature in a range from > 60 DEG C to 80 DEG C.

IPC 1-7

**C12Q 1/68**

IPC 8 full level

**C12N 15/09** (2006.01); **C12N 9/12** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6869** (2018.01)

CPC (source: EP US)

**C12N 9/1252** (2013.01 - EP US); **C12Q 1/6869** (2013.01 - EP US)

C-Set (source: EP US)

**C12Q 1/6869** + **C12Q 2535/101** + **C12Q 2531/113** + **C12Q 2527/107**

Citation (examination)

- WO 9514770 A1 19950601 - PACIFIC ENZYMES 1993 LIMITED [NZ], et al
- Perkin-Elmer, ABI-PRISM TM Dye Terminator Cyle Sequencing Ready Reaction Kit, Protocol,P/N 402078, Revision A, August 1995

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI NL SE

DOCDB simple family (publication)

**DE 19612684 A1 19971002**; EP 0904404 A2 19990331; JP 2000503214 A 20000321; JP 3378255 B2 20030217; US 6251637 B1 20010626; WO 9737039 A2 19971009; WO 9737039 A3 19971127

DOCDB simple family (application)

**DE 19612684 A 19960329**; EP 9701589 W 19970327; EP 97915455 A 19970327; JP 53492797 A 19970327; US 15551299 A 19990407