

Title (en)  
IMPROVED POLYMERASE

Title (de)  
VERBESSERTE POLYMERASE

Title (fr)  
POLYMERASE AMELIOREE

Publication  
**EP 0730642 A1 19960911 (EN)**

Application  
**EP 95900945 A 19941123**

Priority  
• NZ 9400135 W 19941123  
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Abstract (en)  
[origin: WO9514770A1] The invention comprises a thermophilic enzyme, more specifically a heat-stable DNA polymerase, isolated from the New Zealand *Thermus* species *Thermus filiformis*. The invention also includes recombinant plasmids and transformed host cells capable of producing the enzyme. The enzyme is classified into class EC 2.7.7.7; a DNA nucleotidyltransferase DNA-directed type.

IPC 1-7  
**C12N 9/12**; **C12N 15/54**

IPC 8 full level  
**C12N 15/09** (2006.01); **C12N 1/21** (2006.01); **C12N 9/12** (2006.01); **C12N 15/54** (2006.01); **C12R 1/19** (2006.01)

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See references of WO 9514770A1

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