

Title (en)  
A METHOD, REAGENT SOLUTION AND KITS FOR DNA SEQUENCING

Title (de)  
METHODE, REAGENZLÖSUNG UND KITS ZUR DNA-SEQUENZIERUNG

Title (fr)  
TECHNIQUE, SOLUTION REACTIVE ET KITS POUR LE SEQUEN AGE DE L'ADN

Publication  
**EP 1071812 A1 20010131 (EN)**

Application  
**EP 99904129 A 19990119**

Priority  
• US 9901084 W 19990119  
• US 1238598 A 19980123

Abstract (en)  
[origin: WO9937810A1] Solutions are disclosed which improve the efficiency of DNA sequencing reactions using substituent-labeled, e.g., dye-labeled ddNTPs, and thermostable DNA polymerase. The components of the solution include an effective concentration of manganese ion and a metal ion buffer compound. The use of such solutions is also described.

IPC 1-7  
**C12Q 1/68**; **C12P 19/34**; **C07H 19/04**; **C07H 19/048**

IPC 8 full level  
**C12N 15/09** (2006.01); **C07H 19/10** (2006.01); **C07H 19/20** (2006.01); **C07H 21/00** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6869** (2018.01)

CPC (source: EP)  
**C07H 19/10** (2013.01); **C07H 19/20** (2013.01); **C07H 21/00** (2013.01); **C12Q 1/6869** (2013.01)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9937810 A1 19990729**; EP 1071812 A1 20010131; EP 1071812 A4 20020515; JP 2002510466 A 20020409

DOCDB simple family (application)  
**US 9901084 W 19990119**; EP 99904129 A 19990119; JP 2000528716 A 19990119