

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