

Title (en)

METHODS AND KITS FOR SCREENING NUCLEIC ACID DUPLEX STABILITY

Title (de)

VERFAHREN UND TESTSYSTEME ZUM SCREENEN DER STABILITÄT VON NUKLEINSÄURE-DUPLEXEN

Title (fr)

PROCEDES ET KITS PERMETTANT DE DETERMINER LA STABILITE DE DUPLEX D'ACIDE NUCLEIQUE

Publication

EP 1155152 A4 20030502 (EN)

Application

EP 99967559 A 19991223

Priority

- US 9930751 W 19991223
- US 11373198 P 19981223
- US 11990999 P 19990212

Abstract (en)

[origin: WO0037686A1] Simple methods and kits for determining the thermodynamic stability of nucleic acid duplexes and single polynucleotide polymorphisms via competitive equilibria are provided.

IPC 1-7

C12Q 1/68; G01N 25/20; G01N 1/18; G01N 31/16; G01N 24/00; C07H 21/02; C07H 21/04

IPC 8 full level

C12Q 1/68 (2006.01); **G01N 31/16** (2006.01)

CPC (source: EP)

C12Q 1/6818 (2013.01); **C12Q 1/6827** (2013.01)

Citation (search report)

- [X] EP 0745690 A2 19961204 - NEW YORK HEALTH RES INST [US]
- [A] WO 9818965 A1 19980507 - UNIV NEBRASKA AT LINCOLN [US]
- [X] MORRISON L E ET AL: "Solution-phase detection of polynucleotides using interacting fluorescent labels and competitive hybridization", ANALYTICAL BIOCHEMISTRY, ORLANDO, FL, US, vol. 183, no. 2, December 1989 (1989-12-01), pages 231 - 244, XP002113097, ISSN: 0003-2697
- See references of WO 0037686A1

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 0037686 A1 20000629; AU 2382100 A 20000712; AU 773480 B2 20040527; CA 2355920 A1 20000629; EP 1155152 A1 20011121; EP 1155152 A4 20030502

DOCDB simple family (application)

US 9930751 W 19991223; AU 2382100 A 19991223; CA 2355920 A 19991223; EP 99967559 A 19991223