

Title (en)
DIRECT OBSERVATION OF MOLECULAR MODIFICATIONS IN BIOLOGICAL TEST SYSTEMS BY MEASURING FLUORESCENCE LIFETIME

Title (de)
DIREKTE BEOBACHTUNG MOLEKULARER VERÄNDERUNGEN IN BIOLOGISCHEN TESTSYSTEMEN MITTELS MESSUNGEN DER FLUORESCENZ-LEBENSDAUER

Title (fr)
OBSERVATION DIRECTE DE MODIFICATIONS MOLECULAIRES DANS DES SYSTEMES DE TEST BIOLOGIQUES PAR MESURE DE LA DUREE DE VIE DE FLUORESCENCE

Publication
EP 1678483 A1 20060712 (DE)

Application
EP 04790124 A 20041005

Priority

- EP 2004011100 W 20041005
- DE 10348949 A 20031018
- DE 102004022107 A 20040505

Abstract (en)
[origin: WO2005043137A1] The invention relates to a method for directly detecting the modification of a molecule containing a fluorescent dye by measuring a fluorescence lifetime.

IPC 1-7
G01N 21/64; **G01N 33/52**; **C12N 9/00**

IPC 8 full level
C12N 9/12 (2006.01); **G01N 21/64** (2006.01); **G01N 33/52** (2006.01); **G01N 33/542** (2006.01)

CPC (source: EP KR US)
G01N 21/64 (2013.01 - KR); **G01N 21/6408** (2013.01 - EP US); **G01N 33/52** (2013.01 - KR); **G01N 33/542** (2013.01 - EP US); **G01N 2500/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2005043137A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005043137 A1 20050512; CA 2542774 A1 20050512; EP 1678483 A1 20060712; JP 2007509317 A 20070412; KR 20060105747 A 20061011; SG 147471 A1 20081128; US 2007042500 A1 20070222

DOCDB simple family (application)
EP 2004011100 W 20041005; CA 2542774 A 20041005; EP 04790124 A 20041005; JP 2006534641 A 20041005; KR 20067007375 A 20060417; SG 2008079576 A 20041005; US 57502604 A 20041005