

Title (en)
DETECTION SYSTEM FOR ANALYZING MOLECULAR INTERACTIONS, PRODUCTION AND UTILIZATION THEREOF

Title (de)
ERKENNUNGSSYSTEM ZUR UNTERSUCHUNG VON MOLEKÜLWECHSELWIRKUNGEN, SEINE HERSTELLUNG UND VERWENDUNG

Title (fr)
SYSTEME DE DETECTION POUR L'ANALYSE D'INTERACTIONS MOLECULAIRES, SA PRODUCTION ET SON UTILISATION

Publication
EP 1185704 A2 20020313 (DE)

Application
EP 00941987 A 20000525

Priority
• DE 19923966 A 19990525
• EP 0004791 W 20000525

Abstract (en)
[origin: DE19923966A1] The invention relates to a detection system comprising: a) a support (components (a) and (b)), at least one detection unit (component (b)), preferably a nucleic acid, bonded to the support, wherein said detection unit (component (b)) includes a region (A) having a constant structure and a region (B) adjacent to region (A) having a variable structure. The invention also relates to a method for separating individual components in a sample, wherein at least one detection unit (component (b)) that is bonded to the support is bonded to at least one component of the sample under appropriate conditions. The invention further relates to the utilization of the inventive detection system and method for locating and/or identifying or characterizing nucleic acids and/or proteins in a sample or for locating and/or identifying cellular or artificial binding partners.

IPC 1-7
C12Q 1/68; **G01N 33/50**; **G01N 33/543**

IPC 8 full level
G01N 33/53 (2006.01); **C12M 1/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6837** (2018.01); **G01N 33/543** (2006.01); **G01N 33/58** (2006.01); **G01N 37/00** (2006.01)

CPC (source: EP)
C12Q 1/6837 (2013.01)

C-Set (source: EP)
C12Q 1/6837 + **C12Q 2565/519** + **C12Q 2525/197** + **C12Q 2525/173**

Citation (search report)
See references of WO 0071749A2

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)
DE 19923966 A1 20001130; **DE 19923966 C2 20030424**; AU 3659100 A 20001212; AU 5676000 A 20001212; CA 2374438 A1 20001130; CN 1413262 A 20030423; CZ 20014210 A3 20020612; EE 200100616 A 20030217; EP 1185704 A2 20020313; IL 146371 A0 20020725; JP 2003500066 A 20030107; WO 0071747 A2 20001130; WO 0071747 A3 20010614; WO 0071749 A2 20001130; WO 0071749 A3 20010907

DOCDB simple family (application)
DE 19923966 A 19990525; AU 3659100 A 20000401; AU 5676000 A 20000525; CA 2374438 A 20000525; CN 00809231 A 20000525; CZ 20014210 A 20000525; EE P200100616 A 20000525; EP 0002938 W 20000401; EP 0004791 W 20000525; EP 00941987 A 20000525; IL 14637100 A 20000525; JP 2000620126 A 20000525