

Title (en)

METHOD AND DEVICE FOR DETERMINING AND SELECTING MOLECULE-MOLECULE INTERACTIONS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG UND SELEKTION VON MOLEKÜL-MOLEKÜL-WECHSELWIRKUNGEN

Title (fr)

PROCEDE ET DISPOSITIF DE DETERMINATION ET DE SELECTION DE D'INTERACTIONS MOLECULE-MOLECULE

Publication

EP 1386000 A2 20040204 (DE)

Application

EP 02735242 A 20020410

Priority

- EP 02735242 A 20020410
- EP 0203983 W 20020410
- EP 01108919 A 20010410

Abstract (en)

[origin: EP1249499A1] Selecting (M1) unknown molecules (I) by immobilizing molecules of a combinatorial library on a carrier, applying complementary, single molecules or cells to a particular immobilized (I), selective release of mutually interacting molecules from the carrier, and analysis of the released molecules. Independent claims are also included for the following: (1) biochip (II) for the new process comprising a carrier for immobilizing a combinatorial library (or with this already immobilized on it); (2) preparing (M2) (II); and (3) a device (III) for automated measurement of molecular or cellular interactions and their coordinative assignment with spatial resolution below 100 nm.

IPC 1-7

C12Q 1/68

IPC 8 full level

B01J 19/00 (2006.01); **C07B 61/00** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6837** (2018.01); **C40B 30/04** (2006.01); **G01N 33/68** (2006.01); **C40B 40/06** (2006.01)

CPC (source: EP US)

B01J 19/0046 (2013.01 - EP US); **C12Q 1/6837** (2013.01 - EP US); **C40B 30/04** (2013.01 - EP US); **C40B 80/00** (2013.01 - EP US); **G01N 33/6845** (2013.01 - EP US); **B01J 2219/00527** (2013.01 - EP US); **B01J 2219/00585** (2013.01 - EP US); **B01J 2219/00596** (2013.01 - EP US); **B01J 2219/00605** (2013.01 - EP US); **B01J 2219/0061** (2013.01 - EP US); **B01J 2219/00612** (2013.01 - EP US); **B01J 2219/00626** (2013.01 - EP US); **B01J 2219/00637** (2013.01 - EP US); **B01J 2219/00659** (2013.01 - EP US); **B01J 2219/00707** (2013.01 - EP US); **B01J 2219/00722** (2013.01 - EP US); **C07B 2200/11** (2013.01 - EP US); **C40B 40/06** (2013.01 - EP US)

Citation (search report)

See references of WO 02083942A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1249499 A1 20021016; AU 2002310934 A1 20021028; EP 1386000 A2 20040204; US 2004241675 A1 20041202; WO 02083942 A2 20021024; WO 02083942 A3 20031120

DOCDB simple family (application)

EP 01108919 A 20010410; AU 2002310934 A 20020410; EP 0203983 W 20020410; EP 02735242 A 20020410; US 47460204 A 20040629