

Title (en)

DEVICE AND METHOD FOR ANALYSIS OF INTERACTIONS BETWEEN BIOMOLECULES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ANALYSE VON WECHSELWIRKUNGEN ZWISCHEN BIOMOLEKÜLEN

Title (fr)

DISPOSITIF ET PROCEDE POUR ANALYSER DES INTERACTIONS ENTRE DES BIOMOLECULES

Publication

EP 1766402 A2 20070328 (DE)

Application

EP 05857270 A 20050707

Priority

- EP 2005007366 W 20050707
- DE 102004033122 A 20040708

Abstract (en)

[origin: WO2006005519A2] The invention relates to a device for the analysis of interactions between biomolecules, comprising a support on which a number of biomolecules are immobilised on the surface of the support material in a regular or irregular arrangement, by means of linkers, whereby two biomolecules are bonded to each linker. The invention further relates to a method for detection of interactions between biopolymers immobilised on a surface, comprising the steps of preparation of a device, according to one of the above claims, setting a defined separation between two biopolymers, immobilised on the surface and the measuring of a signal, generated by the interaction between the two biopolymers.

IPC 8 full level

G01N 33/543 (2006.01)

CPC (source: EP US)

C40B 30/04 (2013.01 - EP US); **G01N 33/54353** (2013.01 - EP US)

Citation (search report)

See references of WO 2006005519A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004033122 A1 20060209; AU 2005261870 A1 20060119; CA 2579414 A1 20060119; EP 1766402 A2 20070328; US 2010009860 A1 20100114; WO 2006005519 A2 20060119; WO 2006005519 A3 20060817

DOCDB simple family (application)

DE 102004033122 A 20040708; AU 2005261870 A 20050707; CA 2579414 A 20050707; EP 05857270 A 20050707; EP 2005007366 W 20050707; US 63168005 A 20050707