

Title (en)

METHOD FOR DETERMINATION OF CONCENTRATION, CHARGE OR UNIT SIZE OF A SUBSTANCE

Title (de)

VERFAHREN ZUR BESTIMMUNG DER KONZENTRATION, LADUNG ODER GRÖSSENEINHEIT EINER SUBSTANZ

Title (fr)

PROCÉDÉ DE DÉTERMINATION DE LA CONCENTRATION, LA CHARGE OU LA TAILLE UNITAIRE D'UNE SUBSTANCE

Publication

**EP 1994407 A1 20081126 (EN)**

Application

**EP 06830933 A 20061229**

Priority

- FI 2006000427 W 20061229
- US 75461305 P 20051230

Abstract (en)

[origin: WO2007077291A1] This invention relates to a method suitable for determining concentration, charge and/or unit size of a substance to be analyzed, i.e. a sample substance, comprising the steps of a) contacting a sample containing a sample substance and a solid phase, and optionally a substance containing a signal element, i.e. a signal element substance; wherein at least one of said sample substance, said solid phase, and said signal element substance comprises a signal element; wherein the surface of the solid phase contains no specific binding partners; and wherein the solid phase is capable of binding said sample substance nonspecifically, preferably through adsorption, to said solid phase, and b) detecting a signal change resulted from i) binding of said sample substance and/or signal element substance to said solid phase, and/or ii) change in distance from said sample substance and/or said signal element substance to said solid phase.

IPC 8 full level

**G01N 33/53** (2006.01); **C12Q 1/00** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/542** (2006.01); **G01N 33/543** (2006.01); **G01N 33/58** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP)

**G01N 33/542** (2013.01); **G01N 33/54306** (2013.01); **G01N 33/54313** (2013.01); **G01N 33/54373** (2013.01); **G01N 33/585** (2013.01)

Cited by

CN109187490A

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)

**WO 2007077291 A1 20070712**; EP 1994407 A1 20081126; EP 1994407 A4 20090520

DOCDB simple family (application)

**FI 2006000427 W 20061229**; EP 06830933 A 20061229