

Title (en)

APPARATUS AND METHODS FOR AFFINITY CAPTURE TANDEM MASS SPECTROMETRY

Title (de)

AFFINITÄTSEINFANGSVORRICHTUNG UND -VERFAHREN IN DER TANDEMMASSENSPEKTROMETRIE

Title (fr)

DISPOSITIF ET PROCEDES POUR LA SPECTROMETRIE DE MASSE EN TANDEM A DETECTION D'AFFINITE

Publication

EP 1327256 A2 20030716 (EN)

Application

EP 00972093 A 20001011

Priority

US 0028163 W 20001011

Abstract (en)

[origin: WO0231491A2] The invention provides an analytical instrument comprising an affinity capture probe interface, a laser desorption ionization source, and a tandem mass spectrometer. Also presented are new methods for protein discovery and identification and for characterization of molecular interactions that utilize the instrument of the present invention.

IPC 1-7

H01J 49/16; H01J 49/04

IPC 8 full level

G01N 27/64 (2006.01); **C12M 1/00** (2006.01); **G01N 27/62** (2006.01); **G01N 30/72** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01); **G01N 33/68** (2006.01); **H01J 49/04** (2006.01); **H01J 49/10** (2006.01); **H01J 49/16** (2006.01); **H01J 49/40** (2006.01); **H01J 49/42** (2006.01)

CPC (source: EP KR)

G01N 30/72 (2013.01 - EP KR); **G01N 33/6848** (2013.01 - EP); **H01J 49/004** (2013.01 - EP); **H01J 49/164** (2013.01 - EP)

Citation (search report)

See references of WO 0231491A2

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)

WO 0231491 A2 20020418; WO 0231491 A3 20030109; AU 1080701 A 20020422; CA 2425456 A1 20020418; CN 1502116 A 20040602; EP 1327256 A2 20030716; IL 154932 A0 20031031; JP 2004524511 A 20040812; KR 20040010541 A 20040131

DOCDB simple family (application)

US 0028163 W 20001011; AU 1080701 A 20001011; CA 2425456 A 20001011; CN 00819959 A 20001011; EP 00972093 A 20001011; IL 15493200 A 20001011; JP 2002534826 A 20001011; KR 20037005172 A 20030411