

Title (en)
POLYPEPTIDE FINGERPRINTING METHODS, METABOLIC PROFILING, AND BIOINFORMATICS DATABASE

Title (de)
FINGERPRINTING VERFAHREN FÜR POLYPEPTIDE, ERSTELLEN METABOLISCHER PROFILE, SOWIE BIOINFORMATISCHE DATENBANK

Title (fr)
PROCEDES DE CARTOGRAPHIE PEPTIDIQUE DE POLYPEPTIDES, ETABLISSEMENT DE PROFILS ET SYSTEME DE BASE DE DONNEES BIOINFORMATIQUE

Publication
EP 1194768 A4 20080326 (EN)

Application
EP 00923511 A 20000419

Priority

- US 0010504 W 20000419
- US 13023899 P 19990420
- US 51339500 A 20000225
- US 51348600 A 20000225
- US 51390700 A 20000225

Abstract (en)
[origin: WO0063683A1] The invention provides methods, compositions, apparatus, and a computer data retrieval system for conducting proteomics and metabolic profiling on biological samples. One apparatus comprises: a sample container (50); a plurality of separation capillaries (54, 64, 74); a plurality of fraction collection devices (60, 70); a detector (78); and an analyzer (82).

IPC 1-7
G01N 27/26; **G01N 27/447**

IPC 8 full level
G01N 27/62 (2006.01); **C07K 1/26** (2006.01); **C07K 1/28** (2006.01); **G01N 27/447** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/60** (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP)
G01N 27/44726 (2013.01); **G01N 27/44773** (2013.01); **G01N 27/44782** (2013.01); **G01N 27/44795** (2013.01); **G01N 33/6848** (2013.01); **Y02A 90/10** (2017.12)

Citation (search report)

- [Y] EP 0653631 A2 19950517 - CIBA GEIGY AG [CH]
- [Y] WO 9633405 A1 19961024 - MAYO FOUNDATION [US], et al
- [Y] MANN M ET AL: "ERROR-TOLERANT IDENTIFICATION OF PEPTIDES IN SEQUENCE DATABASES BY PEPTIDE SEQUENCE TAGS", ANALYTICAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. COLUMBUS, US, vol. 66, no. 24, 15 December 1994 (1994-12-15), pages 4390 - 4399, XP000573399, ISSN: 0003-2700
- [Y] FIGEYS D ET AL: "PROTEIN IDENTIFICATION BY SOLID PHASE MICROEXTRACTION-CAPILLARY ZONE ELECTROPHORESIS-MICROELECTROSPRAY-TANDEM MASS SPECTROMETRY", BIO/TECHNOLOGY, NATURE PUBLISHING CO. NEW YORK, US, vol. 14, no. 11, 1996, pages 1579 - 1583, XP001041771, ISSN: 0733-222X
- See references of WO 0063683A1

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 0063683 A1 20001026; AU 2004216642 A1 20041028; AU 2004216642 B2 20070510; AU 4362400 A 20001102; AU 774662 B2 20040701; CA 2370749 A1 20001026; EP 1194768 A1 20020410; EP 1194768 A4 20080326; EP 2293056 A2 20110309; EP 2293056 A3 20110629; IL 146093 A0 20020725; JP 2003529044 A 20030930; JP 2010249831 A 20101104; JP 4723725 B2 20110713

DOCDB simple family (application)
US 0010504 W 20000419; AU 2004216642 A 20040930; AU 4362400 A 20000419; CA 2370749 A 20000419; EP 00923511 A 20000419; EP 10180277 A 20000419; IL 14609300 A 20000419; JP 2000612736 A 20000419; JP 2010128894 A 20100604