

Title (en)
ENRICHMENT OF ENZYMATIC CLEAVAGE PRODUCTS

Title (de)
ANREICHERUNG VON ENZYMATISCHEN SPALTPRODUKTEN

Title (fr)
ENRICHISSEMENT DE PRODUITS DE CLIVAGE ENZYMATIQUE

Publication
EP 1623232 A2 20060208 (DE)

Application
EP 04729627 A 20040427

Priority

- EP 2004004404 W 20040427
- DE 10321892 A 20030507
- DE 10326689 A 20030604

Abstract (en)
[origin: WO2004099424A2] The invention relates to a method for the enrichment, isolation and/or identification of cleavage products of at least one enzyme from a sample. According to the invention, an enzymatically inactive mutant of a protease is used as an affinity material, said mutant furthermore maintaining its specific substrate nature. At least one cleavage product of the protease of which the mutant is used, and at least one cleavage product of the enzyme of which the cleavage products are to be analysed, comprise at least one structural similarity.

IPC 1-7
G01N 33/68; **C12N 9/64**; **C12P 21/06**; **C07K 1/22**

IPC 8 full level
C12N 9/64 (2006.01); **C12P 21/06** (2006.01); **G01N 33/573** (2006.01)

CPC (source: EP US)
C12N 9/6408 (2013.01 - EP US); **C12P 21/06** (2013.01 - EP US); **G01N 33/573** (2013.01 - EP US); **G01N 2500/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2004099424A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004099424 A2 20041118; **WO 2004099424 A3 20050127**; **WO 2004099424 B1 20050317**; AU 2004236333 A1 20041118; CA 2524680 A1 20041118; EP 1623232 A2 20060208; JP 2006525004 A 20061109; US 2007298448 A1 20071227

DOCDB simple family (application)
EP 2004004404 W 20040427; AU 2004236333 A 20040427; CA 2524680 A 20040427; EP 04729627 A 20040427; JP 2006505273 A 20040427; US 55595104 A 20040427