

Title (en)
PURIFICATION AND DETECTION PROCESSES USING REVERSIBLE AFFINITY ELECTROPHORESIS

Title (de)
REINIGUNGS- UND NACHWEISVERFAHREN MITTELS REVERSIBLER AFFINITÄTSELEKTROPHORESE

Title (fr)
PROCEDES DE PURIFICATION ET DE DETECTION PAR ELECTROPHORESE D'AFFINITE REVERSIBLE

Publication
EP 1068518 A2 20010117 (EN)

Application
EP 99909853 A 19990303

Priority
• US 9904849 W 19990303
• US 7661498 P 19980303

Abstract (en)
[origin: WO9945374A2] An affinity electrophoresis process is described, in which the direction of electrophoresis is varied in a cyclical manner while synchronously changing one or more property of the electrophoretic medium between two states, said states being characterized as favoring or disfavoring specific reversible binding of sample analytes to affinity ligands which are immobilized within the medium. The resulting process enables extremely efficient and convenient separation of the specific analytes for detection or purification, using simple materials and apparatus.

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

IPC 8 full level
G01N 27/447 (2006.01)

CPC (source: EP)
G01N 27/44726 (2013.01); **G01N 27/44773** (2013.01)

Citation (search report)
See references of WO 9945374A2

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 9945374 A2 19990910; **WO 9945374 A3 20000217**; AU 2896399 A 19990920; CA 2322975 A1 19990910; EP 1068518 A2 20010117; JP 2002506204 A 20020226

DOCDB simple family (application)
US 9904849 W 19990303; AU 2896399 A 19990303; CA 2322975 A 19990303; EP 99909853 A 19990303; JP 2000534862 A 19990303