

Title (en)
MATRICES OF PROBES AND THEIR PREPARATION

Title (de)
PROBENMATRIZEN UND DEREN HERSTELLUNG

Title (fr)
MATRICES DE SONDAS ET PREPARATION DE CELLES-CI

Publication
EP 1218098 A1 20020703 (EN)

Application
EP 99943199 A 19990909

Priority
IL 9900496 W 19990909

Abstract (en)
[origin: WO0117670A1] A matrix for a plurality of probe species, each of which is a first member of a pair-forming group, for binding of a target which is the second member of the pair-forming group, wherein each probe species is confined to a separate and predetermined location in the matrix. The matrix comprises a conductive solid support, on which there is immobilized a conductive film, comprising a polymer or co-polymer composed of electropolymerizable monomers. The conductive film has an inner layer (7), which is in direct contact with the solid support, and comprises probe-free monomers, and an outer layer extending (8) therefrom, which comprises probe-linked monomers.

IPC 1-7
B01J 19/00; G01N 33/543; C12Q 1/68

IPC 8 full level
B01J 19/00 (2006.01); **G01N 33/543** (2006.01); **C40B 40/06** (2006.01); **C40B 40/10** (2006.01); **C40B 40/14** (2006.01); **C40B 60/14** (2006.01)

CPC (source: EP)
B01J 19/0046 (2013.01); **B82Y 5/00** (2013.01); **B82Y 30/00** (2013.01); **G01N 33/54353** (2013.01); **G01N 33/5438** (2013.01); **G01N 33/54393** (2013.01); **B01J 2219/00364** (2013.01); **B01J 2219/00369** (2013.01); **B01J 2219/00382** (2013.01); **B01J 2219/00529** (2013.01); **B01J 2219/00585** (2013.01); **B01J 2219/00608** (2013.01); **B01J 2219/00612** (2013.01); **B01J 2219/00626** (2013.01); **B01J 2219/0063** (2013.01); **B01J 2219/00637** (2013.01); **B01J 2219/00653** (2013.01); **B01J 2219/00659** (2013.01); **B01J 2219/00713** (2013.01); **B01J 2219/00722** (2013.01); **B01J 2219/00725** (2013.01); **C40B 40/06** (2013.01); **C40B 40/10** (2013.01); **C40B 40/14** (2013.01); **C40B 60/14** (2013.01)

Citation (search report)
See references of WO 0117670A1

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 0117670 A1 20010315; AU 5646899 A 20010410; EP 1218098 A1 20020703

DOCDB simple family (application)
IL 9900496 W 19990909; AU 5646899 A 19990909; EP 99943199 A 19990909