

Title (en)

SOLID-PHASE LIPOSOME IMMUNOASSAY SYSTEM.

Title (de)

FESTPHASEN-LIPOSOMEN-IMMUNTESTVERFAHREN.

Title (fr)

SYSTEME D'IMMUNOANALYSE A BASE DE LIPOSOMES EN PHASE SOLIDE.

Publication

EP 0243471 A4 19890711 (EN)

Application

EP 86906659 A 19861022

Priority

US 79005485 A 19851022

Abstract (en)

[origin: WO8702778A1] An assay system for determination of an analyte. The system includes liposomes having surface-bound, analyte-related binding molecules and entrapped reporter molecules, and a cellulose acetate surface reagent having surface molecules adapted to bind the liposomes to the reagent in proportion to the amount of analyte present. The reagent is prepared, according to the invention, by treating a cellulose acetate substrate with a base, to form a hydrophilic, hydroxyl-group shell on the substrate surface, reacting the modified substrate with a bifunctional reagent in an organic solvent, and coupling the surface molecules to the activated substrate in an aqueous solution.

IPC 1-7

G01N 33/531; **G01N 33/546**; **G01N 33/548**; **B32B 23/00**; **C08L 1/00**

IPC 8 full level

G01N 33/543 (2006.01); **G01N 33/548** (2006.01); **G01N 33/58** (2006.01); **G01N 33/76** (2006.01)

CPC (source: EP)

G01N 33/54353 (2013.01); **G01N 33/548** (2013.01); **G01N 33/586** (2013.01); **G01N 33/76** (2013.01)

Citation (search report)

- [A] EP 0063064 A1 19821020 - STALLERGENES LAB DES [FR]
- [A] EP 0122695 A1 19841024 - BECTON DICKINSON CO [US]
- See references of WO 8702778A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8702778 A1 19870507; EP 0243471 A1 19871104; EP 0243471 A4 19890711

DOCDB simple family (application)

US 8602233 W 19861022; EP 86906659 A 19861022