

Title (en)

CAST ANALYTE DIFFUSION-LIMITING MEMBRANES USING PHOTOPOLYMERIZABLE HYDROPHYLIC MONOMERS

Title (de)

ANALYT DIFFUSIONSBEGRENZUNGSMEMBRANEN MIT PHOTOPOLYMERISIERBARE HYDROPHYLEN MONOMEREN

Title (fr)

MEMBRANES A DIFFUSION LIMITEE D'ANALYSATS DEPOSES AU MOYEN DE MONOMERES HYDROPHILES PHOTOPOLYMERISABLES

Publication

**EP 1252509 A2 20021030 (EN)**

Application

**EP 01908778 A 20010201**

Priority

- US 0103304 W 20010201
- US 17971600 P 20000201

Abstract (en)

[origin: WO0157241A2] The present invention provides a diffusion limiting membrane system for filtering an analyte from a fluid, comprising: a) a first layer comprising an analyte responsive enzyme; and b) a second layer comprising a water-soluble monomer composition, wherein the first layer is in direct contact with one or more sensor electrodes and the second layer is in direct contact with the first layer.

IPC 1-7

**G01N 27/327**; **C12Q 1/00**

IPC 8 full level

**G01N 33/66** (2006.01); **C12M 1/34** (2006.01); **C12Q 1/00** (2006.01)

CPC (source: EP)

**C12Q 1/002** (2013.01); **C12Q 1/006** (2013.01)

Citation (search report)

See references of WO 0157241A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0157241 A2 20010809**; **WO 0157241 A3 20020425**; AU 3661201 A 20010814; BR 0108042 A 20021029; CA 2398810 A1 20010809; EP 1252509 A2 20021030; JP 2003521248 A 20030715; MX PA02007447 A 20040823

DOCDB simple family (application)

**US 0103304 W 20010201**; AU 3661201 A 20010201; BR 0108042 A 20010201; CA 2398810 A 20010201; EP 01908778 A 20010201; JP 2001555864 A 20010201; MX PA02007447 A 20010201