

Title (en)

A NANOPOROUS PARTICLE WITH A RETAINED TARGET

Title (de)

NANOPOR SES PARTIKEL MIT ZUR CKGEHALTENEM TARGETMOLEK L

Title (fr)

PARTICULE NANOPOREUSE A CIBLE FIXE

Publication

EP 2142927 A1 20100113 (EN)

Application

EP 02749582 A 20020613

Priority

US 0218657 W 20020613

Abstract (en)

[origin: CA2488705A1] Porous nanostructured materials, such as porous nanostructured liquid and liquid crystalline particles or materials, incorporate a target substantially within the material which selectively binds a chemical of interest which can diffuse within the porous nanostructured material and be bound by the target. The porous nanostructured materials can be dispersed as particles in a medium in which said chemical of interest is located with low turbidity. Markers which detect binding of said chemical of interest can be maintained in the medium separate and apart from the target, and any active compound (e.g., an enzyme) associated therewith by the porous nanostructured material, such that detectable changes in the marker only result when the active compounds diffuse out of the porous nanostructured materials after the chemical of interest binds to the target.

IPC 8 full level

A61K 9/127 (2006.01); **A61K 47/02** (2006.01); **A61K 47/14** (2006.01); **A61K 47/24** (2006.01); **A61K 47/48** (2006.01); **A61K 49/00** (2006.01); **A61K 51/00** (2006.01); **A61M 36/14** (2006.01); **B01D 15/08** (2006.01); **C09K 19/00** (2006.01); **C12M 1/00** (2006.01); **C12M 1/26** (2006.01); **C12M 1/40** (2006.01); **C12Q 1/00** (2006.01); **C12Q 1/68** (2006.01); **G01N 21/76** (2006.01); **G01N 21/78** (2006.01); **G01N 33/53** (2006.01); **G01N 33/533** (2006.01); **G01N 33/537** (2006.01); **G01N 33/542** (2006.01); **G01N 33/543** (2006.01); **G01N 33/544** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)

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AL LT LV MK RO SI

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