

Title (en)

METHOD FOR THE SORPTION OF AT LEAST ONE NUCLEIC ACID MOLECULE USING ACID-ACTIVATED PHYLLOSILICATES

Title (de)

VERFAHREN ZUR SORPTION VON MINDESTENS EINEM NUKLEINSÄUREMOLEKÜL UNTER VERWENDUNG SÄUREAKTIVIERTER SCHICHTSILICATE

Title (fr)

PROCEDE DE SORPTION D'AU MOINS UNE MOLECULE D'ACIDE NUCLEIQUE A L'AIDE DE PHYLLOSILICATES D'ACTIVATION ACIDE

Publication

EP 1960519 A1 20080827 (DE)

Application

EP 05819297 A 20051209

Priority

EP 2005013236 W 20051209

Abstract (en)

[origin: WO2007065461A1] The invention relates to a method for sorbing at least one nucleic acid molecule from a liquid medium. Said method comprises the following steps: a) a liquid medium is provided that contains at least one nucleic acid molecule; b) a layer is provided which contains at least one acid-activated phyllosilicate, is permeable to the liquid medium, and has a minimum thickness of 1 mm; c) the liquid medium containing the at least one nucleic acid molecule according to step (a) is conducted through the layer according to step (b) in order to sorb the at least one nucleic acid molecule in the layer.

IPC 8 full level

B01J 20/12 (2006.01); **C12N 15/10** (2006.01)

CPC (source: EP US)

B01D 15/08 (2013.01 - EP US); **B01J 20/10** (2013.01 - EP US); **B01J 20/12** (2013.01 - EP US); **B01J 20/28004** (2013.01 - EP US); **B01J 20/28016** (2013.01 - EP US); **B01J 20/2803** (2013.01 - EP US); **B01J 20/28033** (2013.01 - EP US); **B01J 20/28057** (2013.01 - EP US); **B01J 20/28069** (2013.01 - EP US); **B01J 20/28078** (2013.01 - EP US); **B01D 15/362** (2013.01 - EP US); **B01D 15/424** (2013.01 - EP US)

Citation (search report)

See references of WO 2007065461A1

Cited by

CN108103053A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007065461 A1 20070614; EP 1960519 A1 20080827; US 2009221809 A1 20090903

DOCDB simple family (application)

EP 2005013236 W 20051209; EP 05819297 A 20051209; US 9640208 A 20080822