Title (en)

PRODUCTS COMPRISING A SUPPORT WHEREON ARE FIXED NUCLEIC ACIDS AND THEIR USE AS DNA CHIP

Title (de)

PRODUKTE MIT NUKLEINSÄURE ENTHALTENDE TRÄGER UND DEREN VERWENDUNG ALS BIOCHIP

Title (fr)

PRODUITS COMPRENANT UN SUPPORT SUR LEQUEL SONT FIXES DES ACIDES NUCLEIQUES ET LEUR UTILISATION COMME PUCE A ADN

Publication

EP 1235839 A2 20020904 (FR)

Application

EP 00988891 A 20001207

Priority

- FR 0003427 W 20001207
- FR 9915392 A 19991207

Abstract (en)

[origin: WO0142495A2] The invention concerns products comprising a support whereon are fixed nucleic acids and their preparation method and use as DNA support. The invention also concerns functionalised supports, oligonucleotides and DNA's modified in position 5' by a group selected in the group consisting of tartaric acid, serine, threonine, their derivatives and the alpha -oxoaldehyde group, and the methods for preparing them. The invention further concerns a method for fixing a nucleic acid on a support.

IPC 1-7

C07H 21/00; B01J 19/00; G01N 33/53

IPC 8 full level

G01N 33/53 (2006.01); **C07B 61/00** (2006.01); **C07H 21/00** (2006.01); **C12M 1/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/566** (2006.01); C40B 40/06 (2006.01)

CPC (source: EP US)

C07H 21/00 (2013.01 - EP US); B01J 2219/00497 (2013.01 - EP US); B01J 2219/00529 (2013.01 - EP US); B01J 2219/0059 (2013.01 - EP US); B01J 2219/00596 (2013.01 - EP US); B01J 2219/00608 (2013.01 - EP US); B01J 2219/0061 (2013.01 - EP US); B01J 2219/00612 (2013.01 - EP US); B01J 2219/00619 (2013.01 - EP US); B01J 2219/00626 (2013.01 - EP US); B01J 2219/00659 (2013.01 - EP US); B01J 2219/00693 (2013.01 - EP US); B01J 2219/00707 (2013.01 - EP US); B01J 2219/00722 (2013.01 - EP US); C07B 2200/11 (2013.01 - EP US); C12Q 2565/501 (2013.01 - EP US); C40B 40/06 (2013.01 - EP US)

Citation (search report)

See references of WO 0142495A2

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 0142495 A2 20010614; **WO 0142495 A3 20011213**; AU 2524101 A 20010618; CA 2393641 A1 20010614; EP 1235839 A2 20020904; FR 2801904 A1 20010608; FR 2801904 B1 20020208; JP 2003516159 A 20030513; US 2003162185 A1 20030828

DOCDB simple family (application)

FR 0003427 W 20001207; AU 2524101 A 20001207; CA 2393641 A 20001207; EP 00988891 A 20001207; FR 9915392 A 19991207; JP 2001544367 A 20001207; US 14924902 A 20021010