

Title (en)

METHOD FOR SEPARATING AND PURIFYING NUCLEIC ACID

Title (de)

VERFAHREN ZUR TRENNUNG UND REINIGUNG VON NUKLEINSÄURE

Title (fr)

PROCÉDÉ DE SÉPARATION ET D'ÉPURATION D'ACIDE NUCLÉIQUE

Publication

EP 1853705 A4 20091111 (EN)

Application

EP 06728790 A 20060302

Priority

- JP 2006304521 W 20060302
- JP 2005060407 A 20050304

Abstract (en)

[origin: WO2006093330A1] A method for separating and purifying nucleic acid, the method comprising: (1) a step of contacting a sample solution containing nucleic acid with a solid phase to adsorb the nucleic acid on the solid phase; (2) a step of contacting a washing solution with the solid phase to wash the solid phase in a state that the nucleic acid is adsorbed on the solid phase; and (3) a step of contacting a recovering solution with the solid phase to desorb the nucleic acid from the solid phase, wherein the sample solution is prepared by including a step of removing a precipitate component, and adding a surfactant and a water-soluble organic solvent to a supernatant solution of the precipitate.

IPC 8 full level

C12N 15/09 (2006.01); **C12M 1/00** (2006.01)

CPC (source: EP)

C12N 15/1006 (2013.01)

Citation (search report)

- [A] ELKIN C J ET AL: "HIGH-THROUGHPUT PLASMID PURIFICATION FOR CAPILLARY SEQUENCING", GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, WOODBURY, NY, US, vol. 11, no. 7, 1 July 2001 (2001-07-01), pages 1269 - 1274, XP001204444, ISSN: 1088-9051
- See references of WO 2006093330A1

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 2006093330 A1 20060908; CN 101120089 A 20080206; EP 1853705 A1 20071114; EP 1853705 A4 20091111; JP 2006238816 A 20060914

DOCDB simple family (application)

JP 2006304521 W 20060302; CN 200680003744 A 20060302; EP 06728790 A 20060302; JP 2005060407 A 20050304