

Title (en)

METHOD OF PURIFYING DNA IN A CROSS-FLOW CENTRIFUGE

Title (de)

REINIGUNG VON DNA IN EINER DURCHFLUSSZENTRIFUGE

Title (fr)

PURIFICATION D'ADN DANS UNE CENTRIFUGEUSE TANGENTIELLE

Publication

EP 0973883 A2 20000126 (DE)

Application

EP 98901955 A 19980109

Priority

- EP 98901955 A 19980109
- EP 9800104 W 19980109
- EP 97100330 A 19970110

Abstract (en)

[origin: WO9830686A2] The invention concerns a method of purifying extrachromosomal DNA by passing an extrachromosomal DNA and fluid containing further cell components through a cross-flow centrifuge under given conditions, resulting in separation of the extrachromosomal DNA from the other cell components such that purified extrachromosomal DNA is obtained. The invention further concerns the use of the purified extrachromosomal DNA for cloning, transformation, transfection and microinjection into cells, for use in gene therapy processes, DNA vaccination and/or for polymerase chain reaction (PCR). The invention finally concerns the use of a cross-flow centrifuge for purifying extrachromosomal DNA.

IPC 1-7

C12N 15/10; **C07H 1/08**; **B01D 21/26**

IPC 8 full level

C12N 15/09 (2006.01); **B01D 21/26** (2006.01); **C07H 1/08** (2006.01); **C12N 15/10** (2006.01)

CPC (source: EP KR US)

B01D 21/262 (2013.01 - EP US); **C12N 15/10** (2013.01 - KR); **C12N 15/1003** (2013.01 - EP US); **B01D 2221/10** (2013.01 - EP US)

Citation (search report)

See references of WO 9830686A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9830686 A2 19980716; **WO 9830686 A3 19980911**; AU 5862798 A 19980803; AU 720911 B2 20000615; BR 9807061 A 20000530; CA 2277468 A1 19980716; CA 2277468 C 20030325; CN 1142273 C 20040317; CN 1243542 A 20000202; EP 0973883 A2 20000126; JP 2001512963 A 20010828; KR 100337046 B1 20020516; KR 20000069944 A 20001125; TR 199901606 T2 19991122; US 2002015982 A1 20020207

DOCDB simple family (application)

EP 9800104 W 19980109; AU 5862798 A 19980109; BR 9807061 A 19980109; CA 2277468 A 19980109; CN 98801763 A 19980109; EP 98901955 A 19980109; JP 53055598 A 19980109; KR 19997006157 A 19990707; TR 9901606 T 19980109; US 34136799 A 19990709