

Title (en)

DNA VACCINATION AGAINST CHOLESTEROL ESTER TRANSFER PROTEIN IN THE TREATMENT OF ATHEROSCLEROSIS

Title (de)

DNS-IMPfung GEGEN CHOLESTERYL-ESTER-TRANSFER-PROTEIN ZUR BEHANDLUNG DER ATHEROSKLEROSE

Title (fr)

VACCINATION A BASE D'ADN CONTRE LA PROTEINE DE TRANSFERT D'ESTER DE CHOLESTEROL DANS LE TRAITEMENT DE L'ATHEROSCLEROSE

Publication

**EP 1015584 A1 20000705 (EN)**

Application

**EP 98944877 A 19980917**

Priority

- US 9819366 W 19980917
- US 93436797 A 19970919

Abstract (en)

[origin: WO9915655A1] A process for inducing the production of antibodies that bind to cholesteryl ester transfer protein (CETP) is disclosed. That process comprises the steps of: (a) immunizing a mammal with an inoculum containing a recombinant DNA molecule that comprises a DNA sequence that contains (i) a sequence encoding a CETP immunogen that is linked to (ii) a promoter sequence that controls expression of the CETP immunogen, the recombinant DNA molecule being dissolved or dispersed in a vehicle; and (b) maintaining the immunized mammal for a time period sufficient to induce the production of antibodies that bind to CETP, and preferably lessen the transfer of cholesteryl esters from HDL where the blood of the mammal itself contains CETP. Immunogens, inocula, DNA segments, and recombinant DNA molecule vectors useful for carrying out the invention are also disclosed.

IPC 1-7

**C12N 15/12**; **A61K 48/00**

IPC 8 full level

**A61K 38/17** (2006.01); **A61K 48/00** (2006.01); **C07K 14/47** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01)

CPC (source: EP)

**A61K 38/1709** (2013.01); **C07K 14/47** (2013.01); **A61K 48/00** (2013.01); **A61K 2039/51** (2013.01); **C07K 2319/00** (2013.01)

Citation (search report)

See references of WO 9915655A1

Cited by

CN108611395A

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 9915655 A1 19990401**; AU 9231798 A 19990412; CA 2302778 A1 19990401; EP 1015584 A1 20000705; JP 2002516656 A 20020611

DOCDB simple family (application)

**US 9819366 W 19980917**; AU 9231798 A 19980917; CA 2302778 A 19980917; EP 98944877 A 19980917; JP 2000512947 A 19980917