

Title (en)  
EXPRESSION OF PROTECTIVE ANTIGENS.

Title (de)  
EXPRIMIERUNG VON SCHÜTZENDEN ANTIGENEN.

Title (fr)  
EXPRESSION D'ANTIGENES PROTECTEURS.

Publication  
**EP 0682702 A1 19951122 (EN)**

Application  
**EP 94905785 A 19940204**

Priority  
• GB 9400204 W 19940204  
• GB 9302302 A 19930205

Abstract (en)  
[origin: WO9418320A1] The invention provides a method for the expression of an enzyme antigen which in nature is parasite gut membrane bound enzyme or a fragment thereof having similar enzyme and/or antigenic activity, wherein mammalian host cells are transfected with a vector adapted to express said enzyme antigen or fragment thereof, characterised in that prior to transformation the host cells are substantially free from endogenous enzymes having (a) the same function and (b) the same cell membrane integration or lack of integration, as said parasite enzyme antigen or fragment thereof. Such a method is particularly useful for the expression of helminthic integral membrane aminopeptidase antigens.

IPC 1-7  
**C12N 15/12**; **C12N 15/57**; **C12N 9/64**; **C12N 5/10**

IPC 8 full level  
**C12N 15/09** (2006.01); **C12N 5/10** (2006.01); **C12N 9/48** (2006.01); **C12N 9/64** (2006.01); **C12N 15/12** (2006.01); **C12N 15/57** (2006.01); **A61K 38/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)  
**C12N 9/48** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)  
See references of WO 9418320A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9418320 A1 19940818**; AU 5975394 A 19940829; AU 682488 B2 19971009; BG 61574 B1 19971230; BG 99887 A 19961231; BR 9406442 A 19960227; CA 2155120 A1 19940818; CZ 199495 A3 19960214; CZ 285042 B6 19990512; EP 0682702 A1 19951122; FI 953682 A0 19950802; FI 953682 A 19950802; GB 9302302 D0 19930324; HU 219539 B 20010528; HU 9502311 D0 19951030; HU T72990 A 19960628; JP H08506726 A 19960723; NO 953067 D0 19950804; NO 953067 L 19951004; NZ 261144 A 19980226; PL 178330 B1 20000428; PL 310109 A1 19951127; RU 2126045 C1 19990210; UA 32437 C2 20001215; ZA 94740 B 19940909

DOCDB simple family (application)  
**GB 9400204 W 19940204**; AU 5975394 A 19940204; BG 9988795 A 19950828; BR 9406442 A 19940204; CA 2155120 A 19940204; CZ 199495 A 19940204; EP 94905785 A 19940204; FI 953682 A 19950802; GB 9302302 A 19930205; HU 9502311 A 19940204; JP 51777994 A 19940204; NO 953067 A 19950804; NZ 26114494 A 19940204; PL 31010994 A 19940204; RU 95120188 A 19940204; UA 95083782 A 19940204; ZA 94740 A 19940203