

Title (en)  
RHOPTRY ANTIGEN OF -i(PLASMODIUM FALCIPARUM).

Title (de)  
RHOPTRY ANTIGEN VON -i(PLASMODIUM FALCIPARUM).

Title (fr)  
ANTIGENE TOXONEMIQUE DE -i(PLASMODIUM FALCIPARUM).

Publication  
**EP 0344257 A4 19900409 (EN)**

Application  
**EP 89900001 A 19881201**

Priority  
AU PI568687 A 19871201

Abstract (en)  
[origin: WO8905348A1] A rhoptry antigen of the asexual blood stages of *Plasmodium falciparum*, is characterised by: (i) having an apparent molecular weight of approximately 55kDa; (ii) being a glycoprotein incorporating myristic acid; (iii) being present in a restricted localisation with merozoites consistent with a rhoptry location; and (iv) being extracted into the detergent phase when parasite antigens are separated by phase partitioning with detergent.

IPC 1-7  
**A61K 37/02**; **C07H 21/04**; **C07K 13/00**; **C07K 15/12**; **C07K 15/14**; **C12N 15/00**; **C12P 21/02**

IPC 8 full level  
**C12N 15/09** (2006.01); **A61K 39/015** (2006.01); **C07K 14/005** (2006.01); **C07K 14/195** (2006.01); **C07K 14/44** (2006.01); **C07K 14/445** (2006.01); **C12N 1/21** (2006.01); **C12N 15/30** (2006.01); **C12P 21/00** (2006.01); **C12P 21/02** (2006.01); **A61K 39/00** (2006.01); **C12R 1/19** (2006.01); **C12R 1/90** (2006.01)

CPC (source: EP KR US)  
**A61K 39/015** (2013.01 - EP); **C07K 14/445** (2013.01 - EP); **C12N 15/00** (2013.01 - KR); **A61K 39/00** (2013.01 - EP KR US); **Y02A 50/30** (2018.01 - EP)

Citation (search report)

- [X] WO 8402917 A1 19840802 - INST MEDICAL W & E HALL [AU]
- [A] WO 8503725 A1 19850829 - BIOGEN NV [NL]
- [XP] PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE, vol. 85, July 1988, pages 5195-5199, Washington, D.C., US; J.A. SMYTHE et al.: "Identification of two integral membrane proteins of *Plasmodium falciparum*"
- [A] BIOTECHNOLOGY, vol. 3, no. 8, August 1985, pages 729-740, New York US; J.V. RAVETCH et al.: "Molecular genetic strategies for the development of anti-malarial vaccines"
- [A] MOLECULAR AND BIOCHEMICAL PARASITOLOGY, vol. 25, 1987, pages 73-81, Elsevier Science Publishers, Amsterdam, NL; R.L. COPPEL et al.: "A cDNA clone expressing a rhoptry protein of *Plasmodium falciparum*"
- See also references of WO 8905348A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 8905348 A1 19890615**; AU 2609588 A 19890705; AU 608096 B2 19910321; EP 0344257 A1 19891206; EP 0344257 A4 19900409; GB 2220943 A 19900124; GB 8916546 D0 19891101; IL 88558 A0 19890731; JP H02502337 A 19900802; KR 900700599 A 19900816; ZA 888983 B 19890830

DOCDB simple family (application)  
**AU 8800463 W 19881201**; AU 2609588 A 19881201; EP 89900001 A 19881201; GB 8916546 A 19881201; IL 8855888 A 19881201; JP 50001089 A 19881201; KR 890701431 A 19890731; ZA 888983 A 19881130