

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)

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- [A] WO 8503725 A1 19850829 - BIOGEN NV [NL]
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- [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)
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