

Publication

**EP 0550465 A4 19940406**

Application

**EP 91915391 A 19910821**

Priority

US 57291690 A 19900824

Abstract (en)

[origin: WO9203457A1] A gene encoding a 125 kDa immunodominant surface antigen from *Entamoeba histolytica* is identified and characterized. The gene and protein provide treatment and vaccination reagents for amoebiasis.

IPC 1-7

**C12N 15/30**

IPC 8 full level

**A61K 39/00** (2006.01); **A61K 39/395** (2006.01); **A61P 31/00** (2006.01); **C07K 14/00** (2006.01); **C07K 14/005** (2006.01); **C07K 14/195** (2006.01); **C07K 14/44** (2006.01); **C07K 14/705** (2006.01); **C07K 16/00** (2006.01); **C07K 16/20** (2006.01); **C07K 19/00** (2006.01); **C12N 15/02** (2006.01); **C12N 15/09** (2006.01); **C12P 21/02** (2006.01); **C12P 21/08** (2006.01); **C12Q 1/68** (2006.01); **A61K 38/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP US)

**A61P 31/00** (2018.01 - EP); **C07K 14/44** (2013.01 - EP); **C07K 16/20** (2013.01 - EP); **C12Q 1/6893** (2013.01 - EP); **A61K 38/00** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US); **Y02A 50/30** (2018.01 - EP)

Citation (search report)

- [X] WO 8602361 A1 19860424 - TECHNOLOGY LICENCE CO LTD [GB]
- [PX] US 5004608 A 19910402 - RAVDIN JONATHAN I [US], et al
- [X] BRUCE E. TORIAN ET AL.: "Use of monoclonal antibodies to identify, characterize , and purify a 96,000-Dalton surface antigen of pathogenic *Entamoeba histolytica*", THE JOURNAL OF INFECTIOUS DISEASES, vol. 156, no. 2, August 1987 (1987-08-01), pages 334 - 343
- [X] LIBRADO ORTIZ-ORTIZ ET AL.: "Entamoeba histolytica: specific antigen recognized by a monoclonal antibody", EXPERIMENTAL PARASITOLOGY, vol. 61, no. 3, June 1986 (1986-06-01), pages 390 - 397
- [PX] URSULA EDMAN ET AL.: "Characterization of an immuno-dominant variable surface antigen from pathogenic and nonpathogenic *Entamoeba histolytica*", J. EXP. MED., vol. 172, no. 3, September 1990 (1990-09-01), pages 879 - 888, XP008007797, DOI: doi:10.1084/jem.172.3.879
- See also references of WO 9203457A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9203457 A1 19920305**; AU 8445491 A 19920317; BR 9106968 A 19930921; EP 0550465 A1 19930714; EP 0550465 A4 19940406; JP H06500548 A 19940120; MX 9100808 A 19921101

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**US 9105979 W 19910821**; AU 8445491 A 19910821; BR 9106968 A 19910821; EP 91915391 A 19910821; JP 51455091 A 19910821; MX 9100808 A 19910826