

Title (en)  
MONOCLONAL ANTIBODIES IN VACCINE FORMULATIONS.

Title (de)  
MONOKLONALE ANTIKÖRPER IN IMPFSTOFFFORMULIERUNGEN.

Title (fr)  
ANTICORPS MONOCLONAUX DANS DES COMPOSITIONS DE VACCINS.

Publication  
**EP 0344211 A4 19900312 (EN)**

Application  
**EP 88902682 A 19880219**

Priority

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- US 15669188 A 19880217

Abstract (en)  
[origin: WO8806040A1] Vaccine formulations which provide for active or passive immunity against infection by pathogens. The active component of the vaccines of the present invention comprises a monoclonal antibody or a fragment of the monoclonal antibody which contains the idiotype of the molecule. Vaccine formulations which provide for active immunization of a host against a particular pathogen, are prepared using monoclonal antibodies or idiotypic fragments that bear the conformational image of a specific receptor of the pathogen. Vaccine formulations which provide for passive immunity are prepared from anti-idiotypic antibodies or idiotypic fragments thereof that bear the conformational image of a ligand that binds specifically to a receptor of the pathogen. In either approach, the pathogen is not required to prepare the antibody which comprises the active component of the vaccine formulation.

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**A61K 39/395; A61K 39/42**

IPC 8 full level  
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Citation (search report)

- [Y] WO 8601539 A1 19860313 - UNIV COLUMBIA [US]
- [Y] EP 0142345 A2 19850522 - SYNBIOTICS CORP [US]
- [E] WO 8801304 A1 19880225 - UNIV COLUMBIA [US]
- [XP] EUROPEAN JOURNAL OF IMMUNOLOGY, vol. 17, 1987, pages 365-370, Verlagsgesellschaft mbH, Weinheim, DE; G. COLUCCI et al.: "Interactions between hepatitis B virus and polymeric human albumin. I Production of monoclonal anti-idiotypes (anti-anti-polymeric human albumin) which recognize hepatitis B virus surface antigen"
- [XP] EUROPEAN JOURNAL OF IMMUNOLOGY, vol. 17, 1987, pages 371-374, Verlagsgesellschaft mbH, Weinheim, DE; G. COLUCCI et al.: "Interactions between hepatitis B virus and polymeric human serum albumin II. Development of syngeneic monoclonal anti-anti-idiotypes which mimic hepatitis B surface antigen in the induction of immune responsiveness"
- [X] THE JOURNAL OF IMMUNOLOGY, vol. 137, no. 9, 1st November 1986, pages 2937-2944, The American Association of Immunologists, US; J.S. McDOUGAL et al.: "Binding of the human retrovirus HTLV-III/LAV/ARV/HIV to the CD4 (T4) molecule: conformation dependence, epitope mapping, antibody, inhibition, and potential for idiotypic mimicry"
- See also references of WO 8806040A1

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