

Title (en)

METHODS OF COATING VIRAL ANTIGENS IN THE PRESENCE OF NONIONIC DETERGENTS AND ACIDIC PH ONTO A SOLID PHASE

Publication

**EP 0455807 A4 19920708 (EN)**

Application

**EP 91902536 A 19901128**

Priority

US 44363589 A 19891129

Abstract (en)

[origin: WO9108311A1] This invention relates to a process to enhance the activity of viral antigens that are bound to a solid phase. The viral antigens are coated to a solid phase in the presence of a nonionic detergent, such as Triton X-100 or NP40, in a solution having an acidic pH.

IPC 1-7

**C12Q 1/70**

IPC 8 full level

**C12Q 1/70** (2006.01); **G01N 33/543** (2006.01); **G01N 33/547** (2006.01); **G01N 33/553** (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP)

**G01N 33/56983** (2013.01); **G01N 33/56988** (2013.01)

Citation (search report)

- [A] EP 0316495 A1 19890524 - IAF BIOCHEM INT [CA]
- [A] EP 0337785 A1 19891018 - EASTMAN KODAK CO [US]
- [A] EP 0136798 A2 19850410 - BIOTECH RESEARCH LAB INC [US]
- [A] BERGMEYER H.U. 'METHODS OF ENZYMATIC ANALYSIS, VOL. 10' 1986 , VCH , WEINHEIM,DE PAGES 469-483 " Human T-lymphotropic virus III / Lymphadenopathy-associated virus antibodies " V. Erfle et al.
- See references of WO 9108311A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**WO 9108311 A1 19910613**; AU 7160491 A 19910626; CA 2045682 A1 19910530; EP 0455807 A1 19911113; EP 0455807 A4 19920708; JP H04507003 A 19921203

DOCDB simple family (application)

**US 9006922 W 19901128**; AU 7160491 A 19901128; CA 2045682 A 19901128; EP 91902536 A 19901128; JP 50267491 A 19901128