

Publication

**EP 0871479 A4 19981111**

Application

**EP 96931208 A 19960531**

Priority

- IB 9601051 W 19960531
- US 45839995 A 19950602
- US 48298195 A 19950607
- US 65775196 A 19960530

Abstract (en)

[origin: WO9639113A2] Oral or peroral administration, including intragastrically, of killed whole pneumococci, lysate of pneumococci and isolated and purified PspA, as well as immunogenic fragments thereof, particularly when administered with an adjuvant such as cholera toxin provides protection in a host, animal or human, against pneumococcal infection, including colonization, and systemic infection, such as sepsis. The ability to elicit protection against pneumococcal colonization in a host prevents carriage among immunized individuals, which can lead to elimination of disease from the population as a whole.

IPC 1-7

**A61K 39/00**

IPC 8 full level

**A61K 39/00** (2006.01); **A61K 39/09** (2006.01)

IPC 8 main group level

**A61K** (2006.01)

CPC (source: EP)

**A61K 39/092** (2013.01)

Citation (search report)

- [PA] EP 0682950 A1 19951122 - UAB RESEARCH FOUNDATION [US]
- [PX] EP 0695803 A2 19960207 - UAB RESEARCH FOUNDATION [US]
- [A] YOTHER J ET AL: "PNEUMOCOCCAL SURFACE PROTEIN A STRUCTURAL ANALYSIS AND BIOLOGICAL SIGNIFICANCE.", DUNNY, G. M., P. P. CLEARY AND L. L. MCKAY (ED.). GENETICS AND MOLECULAR BIOLOGY OF STREPTOCOCCI, LACTOCOCCI, AND ENTEROCOCCI;THIRD INTERNATIONAL ASM (AMERICAN SOCIETY FOR MICROBIOLOGY) CONFERENCE, MINNEAPOLIS, MINNESOTA, USA, JUNE 6-9, 1990. VIII+31, XP002071987
- [A] YOTHER J ET AL: "SECRETION OF PSPA -CTB FUSION PRODUCTS FROM STREPTOCOCCUS-PNEUMONIAE AND ESCHERICHIA-COLI.", 92ND GENERAL MEETING OF THE AMERICAN SOCIETY FOR MICROBIOLOGY, NEW ORLEANS, LOUISIANA, USA, MAY 26-30, 1992. ABSTR GEN MEET AM SOC MICROBIOL 92 (0). 1992. 127. ABSTRACT D-189. CODEN: AGMME8, XP002071988
- [T] YAMAMOTO, MASAFUMI ET AL: "Oral immunization with PspA elicits protective humoral immunity against Streptococcus pneumoniae infection", INFECT. IMMUN. (FEBRUARY 1997), 65(2), 640-644 CODEN: INFIBR;ISSN: 0019-9567, XP002071990
- See references of WO 9639113A2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9639113 A2 19961212; WO 9639113 A3 19970605**; AU 6998596 A 19961224; AU 709368 B2 19990826; CA 2222965 A1 19961212; EP 0871479 A2 19981021; EP 0871479 A4 19981111; FI 974376 A0 19971201; FI 974376 A 19980126; NO 975522 D0 19971201; NO 975522 L 19980202

DOCDB simple family (application)

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