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(54) Title: MODIFIED STREPTOCOCCAL POLYSACCHARIDES AND USES THEREOF

(57) Abstract: Modified streptococcal polysaccharides and methods of using the modified polysaccharides are provided herein.

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**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US05/39424

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: **A61K 39/09( 2006.01),39/00( 2006.01),39/385( 2006.01),39/116( 2006.01),39/02( 2006.01)**  
  
 USPC: 424/244.1,192.1,194.1,197.11,203.1,234.1,831  
 According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
 Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 424/244.1, 192.1, 194.1, 197.11, 203.1, 234.1, 831

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,795,580 A (JENNINGS et al) 18 August 1998 (18.08.1998), especially abstract; claims; last two full paragraph in column 4; first full paragraph in column 8; paragraph bridging columns 12 and 13; second full paragraph in column 6; last full paragraph in column 2; Table 3; last paragraph in column 9; paragraph bridging columns 2 and 3; and paragraphs 2 and 3 in column 3.	1-5, 8-10, 15-37, 41-60, 64, 65 and 67-71 ----- 6, 7, 11-14, 30, 38-40 and 56-63
Y	WESSELS et al. Structural determination and immunochemical characterization of the type V group B Streptococcus capsular polysaccharide. J. Biol. Chem. 15 April 1991, Vol. 266, No. 11, pages 6714-6719, especially pages 6715 and 6717.	6 and 7
Y	US 6,355,255 B (CLEARY et al), 12 March 2002 (12.03.2002), Figure 2 and second paragraph in column 4.	11-14 and 38-40

Further documents are listed in the continuation of Box C.  See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer S. Devi, Ph.D. Telephone No. (571) 272-1600
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INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US05/39424

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	PALAZZI et al. Use of type V Group B streptococcal conjugate vaccine in adults 65-85 years old. J. Infect. Dis. 01 August 2004, Vol. 190, pages 558-564, especially abstract; Materials and Methods; and Results.	1, 8-10, 15, 16, 22 and 23 ----- 30, 35-37, 41, 42, 47-49, 52-59, 61-62, 66 and 71
Y	US 5,472,696 A (BOYLE et al) 05 December 1995 (05.12.1995), especially first half of column 2.	63

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International application No.  
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Continuation of B. FIELDS SEARCHED Item 3:  
WEST, DIALOG, EMBASE, BIOSIS, MEDLINE  
GBS V, group B streptococ?, desilayl?, ?conjugat?, capsul?, inventors' names