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(54) Title: RANDOM ALKYLENE OXIDE COPOLYMERS FOR MEDICAL AND SURGICAL UTILITIES

(57) Abstract: Medical and surgical uses for random alkylene oxide copolymers have been discovered. Preferably, this is a biocompatible, non-metabolizable, nontoxic, and/or readily eliminated compound that has a viscosity which is adjustable for different utilities (e.g., from runny oil to thick grease). It is also preferable to formulate the compound as an anhydrous and/or flowable liquid before use or further formulation.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/04173

	PC1/US04/04173			
A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : A 61 F 2/00, 6/06, 6/14, 13/00, 13/02				
US CL : 424/422, 423, 424, 425, 426, 427, 428, 429, 430, 434				
According to International Patent Classification (IPC) or to both	national classification and IPC			
B. FIELDS SEARCHED				
Minimum documentation searched (classification system follower	d by classification symbols)			
U.S.: 424/422, 423, 424, 425, 426, 427, 428, 429, 430, 43	31, 433, 434			
Documentation searched other than minimum documentation to t	he extent that such documents are include	d in the fields searched		
Documentation searched other than imministration to the oxione and oxione				
Electronic data base consulted during the international search (na	ame of data base and, where practicable, s	earch terms used)		
EAST BRS Search				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
	anniate of the relevant passages	Relevant to claim No.		
		1-3, 16-18, 23,		
Y US 4,684,524 A (ECKENHOFF et al) 04 August line 24 - 53; column 14, lines 48 - column 16, lin.		26-27,29,32-34		
		1-3,16-18,		
Y US 5,487,897 A (POLSON et al) 30 January 1996 20-column 13, line. 27.	(50.01.1550), accelate, volume 5, 11110	21-23,26,27,29,32-34		
20-Coldinii 13, 1mc. 27.		1-3,16-18,		
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3, 57.42		,		
	F-1			
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			
"A" document defining the general state of the art which is not considered to be of particular relevance	understand the principle or theory un	iderrying the invention		
•	"X" document of particular relevance; the			
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"L" document which may throw doubts on priority claim(s) or which is cited	"Y" document of particular relevance; the considered to involve an inventive st			
to establish the publication date of another citation or other special reason (as specified)	combined with one or more other suc	ch documents, such		
• •	combination being obvious to a person	on skilled in the art		
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent	family		
"P" document published prior to the international filing date but later than the				
priority date claimed Date of the actual completion of the international search	Date of mailing of the international sea	rch report		
Date of the actual completion of the international search	29 JUL 2005			
23 July 2004 (23.07.2004)	63 JUL 2003			
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/04173

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)			
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
1. [Claim Nos.: because they relate to subject matter not required to be searched by this Authority, namely:	
2.		Claim Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:	
3.	6.4(a).	Claim Nos.: 4-15,19,20,24,25,28,30 and 31 because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule	
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)			
		ional Searching Authority found multiple inventions in this international application, as follows:	
1. 2. 3.		As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:	
4.		No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:	
Rem	ark on	Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.	