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0/77032 A

(54) Title: SPERMINE:PEPTIDE-BASED SURFACTANT COMPOUNDS

(57) Abstract: Spermine:peptide-based surfactant compounds are disclosed. The compounds are based on a spermine backbone with peptide groups and optionally hydrocarbyl groups linked thereto. Uses of the spermine:peptide-based surfactant compounds and methods for their production are also disclosed.

#### INTERNATIONAL SEARCH REPORT

anal Application No PCT/GB 00/02364

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07C233/36 C07C237/10

A61K48/00 C12N15/87 C07D209/48

C07K5/06

C07K5/02

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

 $\frac{\text{Minimum documentation searched }}{IPC-7-C07K-C07C-C12N} \label{eq:minimum documentation searched} \ \text{(classification system followed by classification symbols)}$ 

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 practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BIOSIS, MEDLINE, EMBASE

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X Furt	ther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
"A" docum consid "E" earlier filing ( "L" docum which citatio "O" docum other "P" docum	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) then treferring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	<ul> <li>"T" later document published after the interpretation or priority date and not in conflict with cited to understand the principle or the invention</li> <li>"X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the description of the cannot be considered to involve an indocument is combined with one or manents, such combination being obvious in the art.</li> <li>"&amp;" document member of the same patent</li> </ul>	the application but leave underlying the claimed invention to considered to bocument is taken alone claimed invention liventive step when the ore other such doculus to a person skilled
Date of the	actual completion of the international search	Date of mailing of the international se	arch report
2	23 November 2000	07/12/2000	
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016		Authorized officer  Cervigni, S	

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