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(54) Title: DISPERSANTS

(57) Abstract: Basic and acid dispersants derived from branched alkyl aliphatic acids and alcohols and one or more hydroxy carboxylic acid or lactone to give a polyoxyalkylenecarbonyl chain (POAC) having a terminal carboxylic acid group (TPOAC acid) or terminal hydroxy group (TPOAC alcohol). Preferred basic dispersants are obtained by reacting one or more TPOAC acids with a polyamine or polyimine such as polyethyleneimine and preferred anionic dispersants are prepared by forming a phosphate ester of a TPOAC alcohol.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01F17/00 B01F17/52 C09D7/02 C08G63/685 C08G63/688  
 C08G63/692 C08G63/91 C08G63/08 C08G63/06 C09D17/00  
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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)

IPC 7 B01F C08G C09D

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 752 439 A (CHEVRON CHEM CO) 8 January 1997 (1997-01-08) the whole document ---	1-5, 8, 10, 12, 23
X	US 5 011 629 A (BILBO RAYMOND E) 30 April 1991 (1991-04-30) the whole document ---	1-5, 8, 9, 12, 20, 23
X	US 3 704 255 A (BRAUN ROBERT A) 28 November 1972 (1972-11-28)  column 2; claim 4 --- -/--	1-4, 8, 12, 20, 23, 29, 31

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 99 49963 A (THETFORD DEAN ;AVECIA LTD (GB)) 7 October 1999 (1999-10-07)  page 6 -page 7 ---	1-4,6, 8-10, 12-15, 19-21, 23,24, 26,27, 29-31
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Information on patent family members

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