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(54) Title: MODIFIED SULPHUR AND PRODUCT COMPRISING MODIFIED SULPHUR AS BINDER

(57) Abstract: The invention provides modified sulphur comprising sulphur and a polysulphide-containing organosilane in an amount of in the range of from 0.3 to 25 wt % based on the weight of sulphur, in which modified sulphur the combined amount of sulphur and polysulphide-containing organosilane make up in the range of from 90 to 100 wt % of the obtained modified sulphur and wherein the polysulphide-containing organosilane is of the general molecular formula (1): $(X_3Si)_m H_{(2n+1-m)} C_n - Sa - C_n H_{(2n+1-m)} (SiX'_3)_m$; wherein a is an integer in the range of from 2 to 8, X and X' each are, independently, a hydrolysable group, n and n' each are, independently, an integer in the range of from 1 to 4, and m and m' each are, independently, an integer in the range of from 1 to (2n+1). The invention further provides a process for preparing such modified sulphur, a sulphur cement product comprising the modified sulphur and a process for preparing such.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)

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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, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	GB 2 139 202 A (SEATON CHEMICAL DEVELOPMENTS L) 7 November 1984 (1984-11-07) page 1, lines 9-57 page 2, lines 46-62	1-10
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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