

Title (en)
METHOD FOR OBTAINING POLYSULPHUR MONOORGANOXYLANES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON POLYSCHWEFELMONOORGANOXYLANEN

Title (fr)
PROCEDE D'OBTENTION DE MONOORGANOXYLANES POLYSULFURES

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Application
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Abstract (en)
[origin: WO03048169A1] The invention concerns the preparation of sulphur-containing organosilicic compounds of general formula (I) wherein, for example: R1 = C1-C15 alkyl; R2 and R3 = C1-C6 alkyl; x in a mean number ranging from 1.5<0.1 to 5?0.1. Said preparation is carried out by performing successively the following steps (a), (b) and (c): (a) hydrosilylation of the type: R2R3HSi-Hal + CH2=CH-CH2-Hal } Hal-R2R3Si-(CH2)3Hal; (b) alcoholysis of the type: Hal-R2R3Si-(CH2)3-Hal + R1-OH } R1O-R2R3Si-(CH2)3Hal; (c) sulphidization of the type: R1O-R2R3Si-(CH2)3Hal + M2Sx } compound of formula (I); with Hal = a halogen atom and M = alkali metal.

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Citation (examination)
SAAM J.C. ET AL: "Preparation of 3-Triethoxysilylpropylamine and 1,3-Bis(aminopropyl)tetramethyldisiloxane", JOURNAL OF ORGANIC CHEMISTRY, AMERICAN CHEMICAL SOCIETY, EASTON.; US LNKD- DOI:10.1021/JO01083A612, vol. 24, 1 January 1959 (1959-01-01), pages 119 - 120, XP002463541, ISSN: 0022-3263

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