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(54) Title: DISPERSION OF FLUROSILICONES AND FLUORINE- AND SILICON-CONTAINING SURFACE TREATMENT AGENT

(57) Abstract: A fluorosilicone reaction product of a mercapto or vinyl functional organopolysiloxane and a fluorine-containing monomer, and methods of preparing the fluorosilicone are disclosed. The fluorosilicone products are suitable for application to substrates such as textiles, particularly fabrics, to impart oil repellent properties to the textile. The fluorosilicone reaction product is prepared from (A) a fluorine-containing monomer of the formula  $\text{CH}_2=\text{C}(\text{X})\text{COOYRf}$ , and (B) a mercapto or vinyl functional organopolysiloxane.



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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)

D06M C08G C08J C08L

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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 383 310 A2 (DAINICHISEIKA COLOR CHEM [JP]; UKIMA COLOUR & CHEM MFG [JP]) 22 August 1990 (1990-08-22)  page 1, line 40 - line 46 page 3, line 25 - page 4, line 55 page 5, line 54 - line 58 page 7, line 12 - line 23 page 11; example 3 page 13; example 5  ----- -/--	1-2, 8-11, 13-15, 21-24, 26-31



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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.
X	DATABASE WPI Week 199147 Thomson Scientific, London, GB; AN 1991-344777 XP002567735 & JP 03 231986 A (NIPPON MEKTRON KK) 15 October 1991 (1991-10-15) abstract	1-2, 8-11, 13-15, 21-24, 26-31
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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