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(54) Title: DEGRADABLE, AMORPHOUS, FLUOROACRYLATE POLYMERS

(57) Abstract: Described is a compound having at least one acrylate monomer, said monomer including at least one pendant group of the structure -O-CH(R_f)(R_f'), wherein R_f is a straight chain or branched perfluoroalkyl group with five or less carbon atoms, and R_f' is a branched perfluoroalkyl group with three to five carbon atoms; and a method of reducing the surface tension of a liquid by adding a compound of the invention to the liquid. Also described is a composition that includes a compound of the invention in an aqueous solution or dispersion; a method of treating a substrate to render it oil- and/or water-repellent that includes treating a substrate with a composition of the invention; a method of coating an electrical device that includes applying a composition of the invention; a method of coating optical fibers that includes applying a composition of the invention; and an article that includes a substrate treated with a composition of the invention.

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)
IPC 7 C07C C08F

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)
BEILSTEIN Data, CHEM ABS Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 15 95 696 A (HOECHST AG) 23 April 1970 (1970-04-23) page 1, paragraph 1 page 2, paragraph 1; figure I example 1	1,14,18, 22,26
A	US 3 177 185 A (CYRIL WOOLF ET AL) 6 April 1965 (1965-04-06) column 1, line 41 -column 2, line 5; examples 1,2	1,14,18, 22,26
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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
20 September 2002	02/10/2002

Name and mailing address of the ISA	Authorized officer
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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