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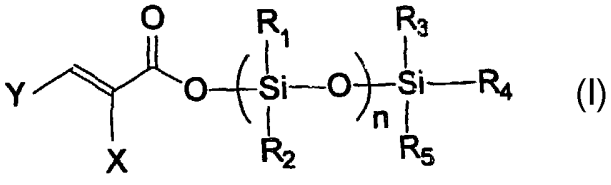
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Published:
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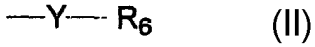
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SELF-POLISHING ANTIFOULING PAINT



(I)



(II)



(III)

(57) Abstract: Antifouling paint which after application to a surface forms a self-polishing, antifouling coating, comprising a binder with the following polymers A, B and C: A) a copolymer wherein the repeating units correspond to a) a monomer defined by the structure I: in which X is H or CH_3, Y is H or optionally an esterified COON-group, R_1, R_2, R_3, R_4 and R_5 are independently selected from substituted or un-substituted C_{1-20} alkyl, C_{1-20} aryl, C_{1-20} alkoxy or C_{1-20} aryloxy, n = 0 or an integer which is 1 or higher b) one or more ethylenically unsaturated monomers; B) a homo- or co-polymer in which the repeating units correspond to one ore more types of ethylenically unsaturated monomers, at least one type having a side chain that ends in a group of formula II in which R_6 is selected from substituted or un-substituted C_{1-20} alkyl or C_{1-20} aryl, Y is -C(=0)- or -0-; the polymer of B) being incompatible with the polymer of A); and also other desired paint components; and optionally !) 0 homo- or copolymer in which the repeating units correspond to one or more types of ethylenically unsaturated monomers, at least one type having 0 side chain ending in 0 group of formula III wherein R_7 is substituted or un-substituted ! $_{1-20}$ alkyl >3 ! $_{1-20}$ aryl, # is -C(=O)- or -0-. The antifouling coating has improved mechanical properties and results in 0 reduced residual layer upon polishing.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C09D 5/16, C09D 143/04
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)

IPC7: C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, PAJ, WPI, FULLTEXT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE WPI Week 200154 Derwent publications Ltd., London, GB; Class 82, AN 2001-491476 & JP 2001106962 A (CHUGOKU TORY KK), 17 April 2001 (2001-04-17) abstract --	1-20
A	DATABASE WPI Week 199651 Derwent publications Ltd., London, GB; Class A82, AN 1996-515221 & JP 8 269390 A (NIPPON OILS & FATS CO LTD) 15 October 1996 (1996-10-15) abstract --	1-20

[X] Further documents are listed in the continuation of Box C. [X] See patent family annex.

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"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Johanna Brolund / MRo Telephone No. +46 8 782 25 00

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International application No.
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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.
A	US 6214902 B1 (N. YAMAMORI ET AL), 10 April 2001 (10.04.01), the whole document --	1-20
A	US 6123755 A (N. YAMAMORI ET AL), 26 Sept 2000 (26.09.00), the whole document --	1-20
A	EP 1016681 A2 (CHUGOKU MARINE PAINTS, LTD.), 5 July 2000 (05.07.00), claims 1,3,5-13, the whole description -- --------	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

26/07/03

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