Title of Invention:
ANTIFOULING PAINT COMPOSITION, COPOLYMER FOR ANTIFOULING PAINT COMPOSITION AND METHOD FOR MANUFACTURING SAME, AND PAINTED OBJECT HAVING ON SURFACE ANTIFOULING PAINT FILM FORMED USING SAID COMPOSITION

ABSTRACT

The purpose of the present invention is to provide a copolymer allowing for an antifouling coating composition used for the formation of an environment-friendly antifouling coating film. The antifouling coating composition gives the coating film increased water resistance and can maintain the stable dissolution property and antifouling performance of the coating film without causing coating film defects such as a crack during long-term seawater treatment. An aspect of the present invention provides a copolymer for an antifouling coating composition, including a copolymer (A) having, on a side chain, a group represented by chemical formula (1) and having, on terminal, at least one of a group represented by chemical formula (2) and a group represented by chemical formula (3).

[Figure 1]

Title of Invention:
ANTIFOULING COATING COMPOSITION, METHOD FOR PRODUCING COPOLYMER FOR ANTIFOULING COATING COMPOSITION, AND COATED OBJECT HAVING, ON SURFACE THEROF, ANTIFOULING COATING FILM FORMED USING THE COMPOSITION

ABSTRACT

The purpose of the present invention is to provide a copolymer allowing for an antifouling coating composition used for the formation of an environment-friendly antifouling coating film. The antifouling coating composition gives the coating film increased water resistance and can maintain the stable dissolution property and antifouling performance of the coating film without causing coating film defects such as a crack during long-term seawater treatment. An aspect of the present invention provides a copolymer for an antifouling coating composition, including a copolymer (A) having, on a side chain, a group represented by chemical formula (1) and having, on terminal, at least one of a group represented by chemical formula (2) and a group represented by chemical formula (3).

[Figure 1]