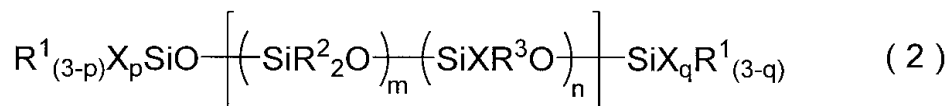
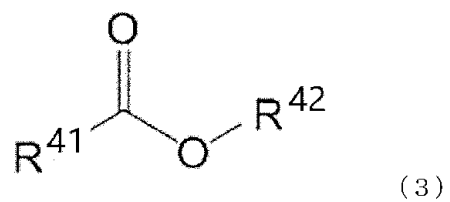


ABSTRACT

An embodiment of the present invention relates to an antifouling coating composition, an antifouling coating film, a substrate with an antifouling coating film or a method for producing the same, an antifouling method for a substrate, or a method for repairing a substrate with an antifouling coating film. The antifouling coating composition includes a hydrolyzable copolymer (A) containing an organosiloxane block and a metal ester group, and zinc oxide (B). The copolymer (A) contains 5 to 25% by mass of a constituent unit derived from a metal ester group-containing monomer, 5 to 15% by mass of a constituent unit derived from a monomer represented by the formula (2), and a constituent unit derived from a monomer represented by the formula (3). The content of (B) relative to 100 parts by mass of the content of (A) is 70 to 200 parts by mass.



[wherein R^1 to R^3 each independently represent a monovalent hydrocarbon group, X independently represent a (meth)acryloyloxyalkyl group or a mercaptoalkyl group, m is 1 or greater, n is 0 or greater, p and q are independently 0 or 1, and $n + p + q$ is 1 or greater].



[wherein R⁴¹ represents a monovalent group including an ethylenically unsaturated group, and R⁴² represents a monovalent hydrocarbon group with 3 to 6 carbon atoms being free of an ethylenically unsaturated group].

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[No figure]