

ABSTRACT

ANTIFOULING COATING COMPOSITIONS, ANTIFOULING COATING FILMS,
ANTIFOULING SUBSTRATES, METHODS FOR PRODUCING ANTIFOULING
SUBSTRATES, AND METHODS OF STORING ANTIFOULING COATING
5 COMPOSITIONS

[Object]

To provide an antifouling coating composition which
contains a silyl ester (co)polymer and medetomidine and is used
to prevent the fouling of substrates by aquatic organisms and
10 which can form antifouling coating films exhibiting
outstanding antifouling properties over a long period and also
has good storage stability, and to provide use applications
of the composition.

[Solution]

15 The antifouling coating composition includes a silyl
ester (co)polymer (A) and medetomidine (B), the silyl ester
(co)polymer (A) including structural units derived from a
monomer (a) represented by the general formula (I):
$$R^1-CH=C(CH_3)-COO-(SiR^2R^3O)_n-SiR^4R^5R^6,$$
 and structural units
20 derived from an unsaturated monomer (b) copolymerizable with
the monomer (a).