ABSTRACT

NEW (METH)ACRYLIC RESIN COMPOSITIONS FOR MARINE ANTIFOULING PAINTS AND CORRESPONDING PAINT COMPOSITIONS

This organosoluble (meth)acrylic resin composition is characterized in that it includes a polymer containing units derived from methacrylic acid which are esterified with $-Ti(OR)_3$ groups, mixed with free $Ti(OR)_4$, which represents the excess of $Ti(OR)_4$ which has been introduced for the preparation of the said polymer in sufficient quantity for the resulting composition to be organosoluble and not in gel form, R representing one of ethyl, isopropyl, n-butyl, t-butyl, 2-ethylhexyl and t-amyl. It may be the product of esterification in a solvent medium of a polymer containing units derived from methacrylic acid with $Ti(OR)_4$, the Ti/COOH molar ratio being higher than 1, preferably being between 3/1 and 10/1; or the product of radical copolymerization in a solvent medium of at least one methacrylic acid esterified with $Ti(OR)_3$ and of at least one comonomer, in the presence of $Ti(OR)_4$, in a quantity which would have corresponded to a reaction between the methacrylic acid and $Ti(OR)_4$ with a molar ratio $1/x$, $x > 1$.