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(54) Title: METHOD FOR INHIBITION OF GROWTH OF ORGANISMS ON FACES OF CONSTRUCTIONS SUBMERGED IN A LIQUID

(57) Abstract

The invention concerns a method for inhibition of growth of organisms on faces of constructions (11) submerged in a liquid. In the method, an electrically conductive structure (11) to be protected is connected as the cathode of a source (14) of direct current, or an electrically non-conductive structure (111) to be protected is first coated with an electrically conductive material (111a) and connected as the cathode of a source of direct current (14), respectively, and, as the anode (12), an anode is used that has been isolated from the structure (11) to be protected or that is placed separate from said structure, which anode is connected as the anode of the source (14) of direct current. A control signal is given to the source (14) of direct current from a control unit (15), which control signal changes the current density and/or the voltage supplied by the source (14) of direct current, whereby the pH of the liquid on the face of the structure (11) to be protected varies with such of a frequency that the microbial organisms on the face of the structure (11) to be protected cannot adapt themselves to the changing conditions.

