

Title (en)

CONTROLLED RELEASE ANTIFOULING COATING COMPOSITION VIA BIOCIDES INTERACTION

Title (de)

FÄULNISVERHINDERNDE BESCHICHTUNGSZUSAMMENSETZUNG MIT KONTROLLIERTER FREISETZUNG ÜBER EINE BIOZIDINTERAKTION

Title (fr)

COMPOSITION DE REVÊTEMENT ANTICONTAMINATION À LIBÉRATION CONTRÔLÉE PAR INTERACTION BIOCIDES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2017220097A1] The present application discloses a solvent-borne antifouling coating composition comprising an erodible non-silicone based binder system, one or more metal-containing biocides (like cuprous oxide, copper pyrithione (copper omadine), zinc pyrithione (copper omadine) and zinc-ethylenebis(dithiocarbamate) (Zineb)), and one or more non-reactive polyoxyalkylene- modified silicone oils, in particular PEG/ PPG-modified silicone oils, such as those having a hydrophilic-lipophilic balance (HLB) of e.g. 9-18. The application also discloses a marine structure comprising on at least a part of the outer surface thereof an outermost self- polishing antifouling coat or coating system.

IPC 8 full level

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