

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

EP 17814790 A 20170622

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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CPC (source: EP KR)

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Citation (search report)

- [X] KR 20140117922 A 20141008 - KCC CORP [KR]
- [X] JP 2006052284 A 20060223 - KANSAI PAINT CO LTD
- [Y] WO 2011076856 A1 20110630 - HEMPEL AS [DK], et al
- [Y] WO 2014117786 A1 20140807 - HEMPEL AS [DK]
- [Y] JP 2006299132 A 20061102 - KANSAI PAINT CO LTD
- See references of WO 2017220097A1

Designated contracting state (EPC)

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DOCDB simple family (application)

DK 2017050204 W 20170622; CN 201780045298 A 20170622; EP 17814790 A 20170622; KR 20187038024 A 20170622; SG 11201811257S A 20170622