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(54) Title: NOVEL POLYSILOXANE-BASED FOULING-RELEASE COATS

(57) Abstract: The present application discloses a silicone-based fouling-release coat comprising a polysiloxane-based binder matrix constituting at least 40 % by dry weight of said coat, wherein more than 65 % by weight of said the binder matrix is represented by polysiloxane parts, said binder matrix of said coat having included as a part thereof zwitterionic moieties and/or said coat comprising one or more zwitterionic compounds. In some embodiments, the coat further comprises one or more active ingredients selected from biocides and enzymes, in particular biocides. The application also relates to corresponding coating compositions (paints), coating systems and to the use of the combination of constituents having included one or more zwitterionic functionalities and one or more active ingredients selected from biocides and enzymes, for improving the antifouling properties of a polysiloxane based coating composition.

