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### Patent Search

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#### Abstract:

The present invention relates to a system (100) and a method (200) for predicting the rate of corrosion. The system (100) collects the images (101) that are capture sensors and the images are compared with the pre-existing data at servers to recognize the images (104) and compared with the pre-existing parameters to identify GAB (107) GAnB (108) and thus establish an in depth understanding of relationship between corrosion and types of bacteria and finally stores the log details (111) computing device. The method (200) for predicting the corrosion rate consists of sensors (206) which are corrosion coupons placed in the large oil vessels (207) to of the deposit and send to the server (201) to analyse data (202) and then with the heatmap of the collected images are compared to predict the rate of corrosion the heatmaps are displayed in the computing devise (205) to predict the rate of corrosion. < To be published with Figure 2>