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(54) **Title:** AN ODOR PREDICTION METHOD FOR AQUEOUS POLYMER COMPOSITION

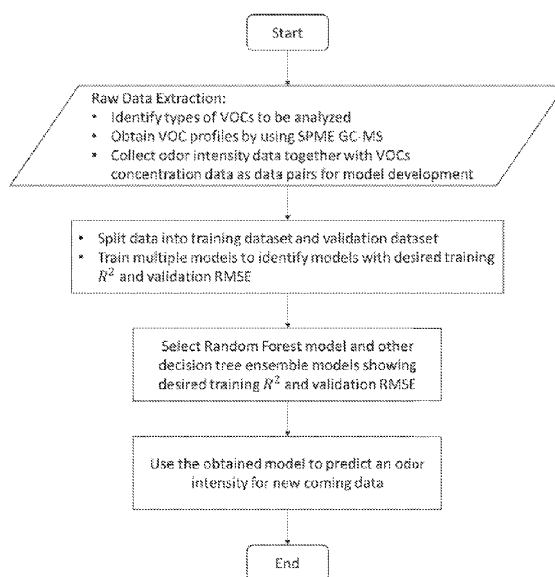


Figure 2

(57) **Abstract:** A method and a system (400) for predicting odor of an aqueous polymer composition, such as a polymerising coating, comprising: analytically characterizing the aqueous polymer composition with a detector (4013), thereby generating concentration data for volatile organic compounds in the aqueous polymer composition from the analytical characterization; inputting the concentration data to a decision tree ensemble configured to predict an odor intensity of the aqueous polymer composition after polymerisation based on the concentration data; and outputting a predicted odor intensity of the aqueous polymer composition from the decision tree ensemble.

[Continued on next page]

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