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(54) Title: SENSOR SYSTEMS FOR MEASURING AN INTERFACE LEVEL IN A MULTI-PHASE FLUID COMPOSITION

(57) Abstract: A sensor includes a resonant transducer, the resonant transducer being configured to determine the composition of an emulsion. The composition of the emulsion is determined by measuring the complex impedance spectrum values of the mixture of the emulsion and applying multivariate data analysis to the values.

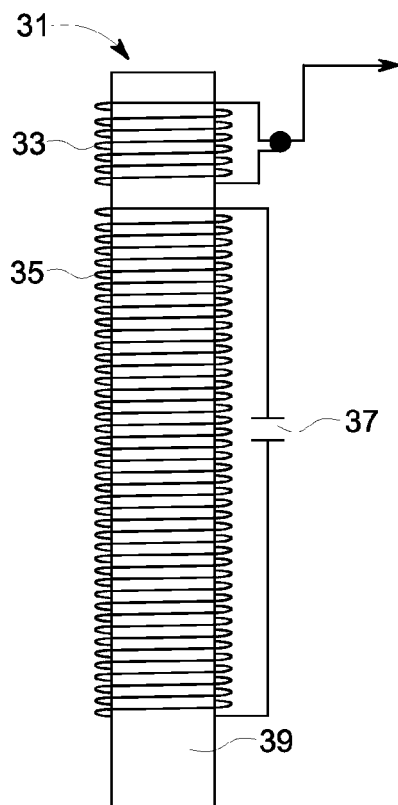


FIG. 5



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