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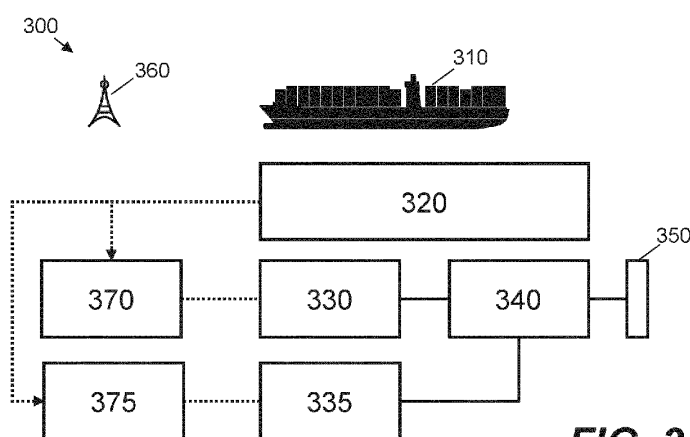


FIG. 3

(57) Abstract: Disclosed is a fuel control system for a marine vessel. The control system has an interface to receive data identifying the marine vessel and data identifying a voyage to be undertaken by the marine vessel. There is also a memory to store computer program code to implement a predictive model and parameter values for the predictive model, the parameter values resulting from an optimisation of the predictive model using historical data for a plurality of marine vessels and a plurality of voyages. The control system also has a processor. The processor is arranged to execute the computer program code to: instantiate the predictive model using the parameter values; supply the data identifying the marine vessel and the data identifying the voyage to be undertaken by the marine vessel to the predictive model; and apply the predictive model to determine a fuel consumption estimate for the marine vessel for the voyage. A fuel supply system determines an amount of fuel to be supplied to at least one fuel tank of the marine vessel based on the

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