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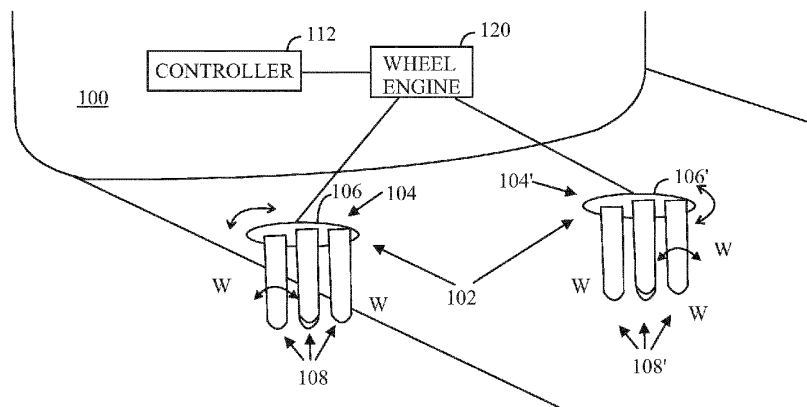


FIG. 1

(57) Abstract: A method of controlling a propulsion system (102) of a marine vehicle (100) by a controller (112), which forms data on a pitch angle ($\gamma(\theta)$) of at least one foil (108, 108') based on an angularly variable wake field ($W(\theta)$) affecting the at least one foil (108, 108') and an angle (θ) of a rotation of the foil wheel (106, 106'). An actuator arrangement (110) that receives the data from the controller (112) sets the at least one foil (108, 108') at the pitch angle ($\gamma(\theta)$) based on the data.



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