

METHOD OF CONTROLLING PROPULSION OF MARINE VEHICLE**ABSTRACT**

A method for controlling a propulsion system of a marine vehicle is disclosed. A controller forms data on pitch angles of at least two foils, which are in a rotatable manner attached with a foil wheel, based on at least an angularly variable eccentricity of the at least two foils and an angle of rotation of the foil wheel. The variable eccentricity is limited at a portion of the angle of rotation of the foil wheel. An actuator arrangement receives the data from the controller and sets the at least two foils at the pitch angles based on the data.

(Figure 1)