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(54) **LATERAL TUNNEL THRUSTER
PROPELLER CONTROL METHOD AND
SYSTEM**

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(58) Field of Search **114/144 R, 150,
114/151; 440/1; 701/1; 416/26, 87, 88,
89**

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(57) **ABSTRACT**

A method and system is provided that improves the maneuverability of a marine vehicle having a lateral tunnel thruster. When the marine vehicle moves at a forward speed through water, a water flow having a fluid velocity moves through the thruster. The thruster's propeller is turned at a substantially constant rate of rotation and the fluid velocity in the tunnel is measured. The pitch angle of the propeller is adjusted based on the measured fluid velocity.

14 Claims, 1 Drawing Sheet

