ABSTRACT OF THE DISCLOSURE

RUDDER RESISTANCE REDUCING METHOD

The present invention relates to a rudder resistance reducing method which utilizes a negative pressure to guide in gas for generating air bubbles **50**, reducing the resistance of the rudder **14** of a boat **10**. The present invention uses an air bubble generator **20** in front of the rudder **14** for generating bubbles during rotation of the propeller **13** of the boat **10** to cause a high-speed flow of water **F** without changing the original design of the boat **10**, enabling the air bubbles **50** to isolate contact between the high-speed flow of water **F** and the rudder **14**, thereby reducing rudder resistance and saving energy consumption.

Figure 7