

### **Abstract of the Disclosure**

An apparatus for improving propulsion efficiency is disclosed. An apparatus for improving propulsion efficiency according to embodiments of the present invention includes a duct disposed in front of a propeller, having an arc shape, and generating thrust; and a plurality of pre-swirl stators for supporting the duct to a stern boss, the plurality of pre-swirl stators generating a swirl flow in a direction opposite to a rotation direction of the propeller.

FIG. 1