

ABSTRACT

5 The wind propulsion device for ships comprises a main body (1) and one or more plasma jet actuators (2) located in said main body (1). It may also comprise one or more cameras (3), for example, thermal, oriented towards the one or more plasma jet actuators (2). It allows for improved flow control, adaptation of the device's aerodynamic characteristics, and de-icing in adverse environmental conditions.

Fig. 1