

A ship propulsion system with a nozzle and a propeller

Abstract of the disclosure

- 5 The invention relates to a ship propulsion system
- comprising a nozzle body and a propeller enclosed by said nozzle body;
 - the nozzle body has an inner surface which forms a flow channel, and
10 further an outer surface;
 - a constriction is situated between the inlet plane and the outlet plane of the
10 flow channel;
 - as seen in an axial sectional view, the inner boundary surface of the flow
channel has a first contour between the inlet plane and the constriction,
and a second contour between the constriction and the outlet plane;
 - the constriction is situated at a distance of 0.25 to 0.55 of the length of the
15 nozzle body as measured from the inlet plane, preferably 0.3 to 0.4.