Claims

1. A ship propulsion device comprising a propeller and an energy-saving appendage located ahead of the propeller and having a curved surface with a radius not less than 50% and not more than 80% of a radius of said propeller,

blades of said propeller having a pitch with a pitch distribution such that the pitch has a local minimal point at a radial position inward of the radius of said energy-saving appendage.

2. The ship propulsion device as claimed in claim 1 wherein said local minimal point is in a position radially outwardly away from an axis of said propeller by not less than 50% and not more than 100% of the radius of said energy-saving appendage.

3. The ship propulsion device as claimed in claim 1 or 2 wherein the pitch of the blades of said propeller at said local minimal point is not less than 80% and less than 100% of a value obtained by liner interpolation of the pitch at blade tips and roots of said propeller.