

Rudder for ships

Abstract

In order to avoid erosion phenomena on a rudder which appear due to cavitation formation, in particular for high-speed ships with high loaded propellers, and in order to reduce or maintain low the fuel consumption, it is provided, for a rudder for ships comprising a rudder blade which shows a leading edge and a trailing edge, whereby the rudder blade has two superimposed rudder blade sections, the leading edge sections and/or the trailing edge sections of which are offset in such a manner that the one leading edge section and/or the one trailing edge section is offset port or starboard and the other leading edge section and/or the other trailing edge section is offset starboard or port and that the one leading edge and/or trailing edge section has a port-sided offset surface which projects over the other leading edge section and/or the other trailing edge section and the other leading edge section and/or trailing edge section has a starboard-sided offset surface which projects over the one leading edge section and/or trailing edge section, a flow body configured in such a manner that its dimensions are adapted to the dimensions of the offset surfaces, which covers the offset surfaces and which is configured in the area of each offset surface.

Fig. 1a