

Title (en)
SPEEDBOAT

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Abstract (en)
[origin: MY100063A] A FAST BOAT DESIGNED PRIMILARLY TO INFLUENCE THE DYNAMIC TRIM IS DISCLOSED. THE BOAT HULL HAS A FRONT STEM (1), ASTERN (2) TWO SIDE WALLS (3) AND A BOTTOM PLATE (4) ON EACH SIDE OF THE BOTTOM PLATE (4) A SLIDING SKID (6) IS ARRANGED WITH SLIDINGS STEPS (6A, B, C, D). IN THE MIDSHIPS PLANE A KEEL SKID (10) AS PROVIDED WITH KEEL STEPS (11). BETWEEN THE SLIDING SKIDS (6) AT LEAST ONE AERATION CHANNELS IS FORMED. THE BOAT HULL IS PREFERABLY EQUIPPED WITH A LOW FIN (18) IN WHICH THE FREE BOTTOM SURFACE FACING THE WATER HAS PRIMARILY IN THE AREA BETWEEN THE LONGITUDINAL CENTRE OF THE BOAT AND THE STERN AN INCLINATION WHICH PREFERABLY DECLINES TOWARDS THE STERN. THE BOW FIN (18) IS INTENDED TO REDUCE THE PITCHING MOVEMENT OF THE BOAT WHEN RUNNING ONTO ONCOMING WAVES. (FIG.1)

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