

Title (en)
WATER-CRAFTS WITH TRIM STABILIZERS ACTING THROUGH A RELATIVELY LONG LEVER ARM

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Application
EP 85904137 A 19850813

Priority
IT 4874884 A 19840823

Abstract (en)
[origin: WO8601482A1] Water-crafts having stabilizers acting through a relatively long lever, comprising aerial wings (4), applied to the purpose of stabilizing and lifting, to be applied on light and very light hulls, at the same time allowing short glides having as principal aim the stabilization, in the case of heavy crafts, comprising also aerial wings and/or nozzles (6) ejecting fluid under pressure, carried by the aforementioned wings (4) or other also underwater ones supports, the said stabilizers being, or not, automatized ones. Such a stabilization system allows apply hydrodynamic wings (3-23) on both the sides of the very sharp bottom of a hull, that is remaining submerged, and allows apply, on the keel, hydrodynamic wings (3), if possible narrow, uninterrupted or splitted, ones, on suitable supports, if the hull rises on the water, reducing the width of the air-cushion in the Hovercrafts and in similar crafts to the purpose, respectively, of deeply ploughing the waters or skimming the water, always cutting the same. The course, the system allows also the stabilization of the conventional ships.

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