

Title (en)

MECHANICAL PILOTING METHOD OF LATERAL DEFORMATION OF THE STRUCTURE OF A CATAMARAN

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Application

EP 85902566 A 19850528

Priority

FR 8408590 A 19840530

Abstract (en)

[origin: FR2565193A1] Method for the synchronized piloting of floats, mast, rudder, centre boards, sail fastening supports, applied to catamarans. Mechanical piloting method enabling to dynamically and statically control, simultaneously or separately by geometrical transverse deformation of the structure which connects both floats, the afore-mentioned various components as desired by the helmsman, independently of the wind. The structure represented arbitrarily as a front view, comprised of support bearings (1) secured to the floats (2), provides for the vertical rotations (4-5 and 6-7) of support arms (12) and a rigid armature (13). The controlled piloting is effected by lateral deformation of the frame by a relative motion between 12 and 13. The mast and the mast-step (14) are articulated at (15-16) to the frame. The same method applied to the backside leads to the same effects for the rudder and the sail fastening supports. Method adapted to the drop-keels, coast cruisers, race-cruise catamarans, more particularly fitted with flat streamline floats.

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FR 2565193 A1 19851206; **FR 2565193 B1 19871009**; AU 4402885 A 19851231; DE 3565499 D1 19881117; EP 0183754 A1 19860611; EP 0183754 B1 19881012; WO 8505606 A1 19851219

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