

Title (en)
SAILING BOAT

Publication
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Application
EP 86904976 A 19860805

Priority
SE 8503754 A 19850809

Abstract (en)
[origin: WO8700812A1] A sailing boat having a pivotally mounted mat (12). Guy wires (16) are attached to the mast (12) and are arranged to maintain the latter in a vertical position with a predetermined biasing force. The guy wires (16) are attached to hydraulically operating piston-and-cylinder units (18) which are part of a hydraulic system (18, 22, 24, 26). The hydraulic system is arranged to control the position of a train of weights (30) which are moveable transversely across the hull (28) of the sailing boat (10). When the wind acts on the sails of the sailing boat (10) the guy wires (16) affect the hydraulic system, whereby the weights (30) will be moved to a predetermined position wherein they generate a moment of forces balancing the effects of the wind, whereby the hull (28) will remain in a horizontal position.

IPC 1-7
B63B 15/02; **B63B 39/02**

IPC 8 full level
B63B 15/02 (2006.01); **B63B 39/02** (2006.01); **B63B 39/06** (2006.01); **B63B 41/00** (2006.01); **B63B 43/08** (2006.01)

IPC 8 main group level
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CPC (source: EP)
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