Title (en)

STABILIZATION OF A MAST FOR VEHICLES AND SHIPS

Title (de)

STABILISIERUNG EINES MASTES FÜR FAHRZEUGE UND SCHIFFE

Title (fr)

STABILISATION D'UN MÂT POUR DES VÉHICULES ET DES BATEAUX

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010040237A1] The invention discloses a system and a method for stabilizing a mast (3) on a movable carrier, such as a vehicle. An actuator device (6') is connected to the mast and allows the mast (3) to be pivoted with the longitudinal direction thereof relative to the carrier (2) about at least one pivot axis. A mast sensor device determines the position of the mast (3) relative to a specified absolute spatial direction and feeds said position to an electronic regulating device, which compares the position of the mast to a specified target value and from this derives a controlled variable for the actuator device in order to stabilize the longitudinal direction of the mast in this way. A securing device (7) blocks the mast when a specified acceleration value is exceeded.

IPC 8 full level

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