

Title (en)
Steering system for a watercraft

Title (de)
Lenksystem für ein Wasserfahrzeug

Title (fr)
Système de direction pour un bateau

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EP 1923309 A3 20110525 (EN)

Application
EP 07022329 A 20071116

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• JP 2006312228 A 20061117

Abstract (en)
[origin: EP1923306A2] The present invention relates to a steering system for a watercraft having a steering actuator (20a,20b,20c) configured to pivot a watercraft propulsion unit such as an outboard motor (12) relative to a watercraft hull (10) to steer the watercraft propulsion unit (12) from a neutral position to a right/left direction by driving force of the steering actuator (20a,20b,20c), and comprising steering assist means such as cylinders (42a,42b), pistons (43a,43b), supporting member (51) or springs (18a,18b,62,74,84), for generating predetermined urging force in a direction toward the neutral position when the watercraft propulsion unit (12) is steered in at least one of the right direction and the left direction relative to the neutral position.

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Citation (search report)
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• [A] US 2005199168 A1 20050915 - MIZUTANI MAKOTO [JP]
• [A] JP S5730698 A 19820218 - YAMAHA MOTOR CO LTD

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