

Title (en)
COMBINATION MANUALLY DRIVEN AND MOTOR DRIVEN WATERCRAFT

Title (de)
WASSERFAHRZEUG MIT KOMBINATION AUS HAND- UND MOTORANTRIEB

Title (fr)
EMBARCATION COMBINÉE À PROPULSION MANUELLE ET À PROPULSION PAR MOTEUR

Publication
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Application
EP 10816539 A 20100917

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Abstract (en)
[origin: WO2011032293A1] In one aspect, the invention is directed to a watercraft that is drivable by a manual force input member and by a motor. The watercraft is configured to prevent the motor from back-driving the manual force input member. In a particular embodiment, the watercraft includes a hull, a propelling member configured to propel the hull through water, a manual force input member that is movable manually, an output shaft that is operatively connected to the propelling member and that is drivable by the manual force input member, a motor that is operatively connectable to the output shaft, and a one-way clutch connected between the manual force input member and the output shaft. The one-way clutch is configured to permit the manual force input member to drive the output shaft in a first rotational direction, and to prevent the output shaft from driving the manual force input member in the first rotational direction.

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Citation (search report)
• [X] US 4170188 A 19791009 - JAMISON JOSEPH L JR [US]
• [A] US 5242028 A 19930907 - MURPHY LISA J [US], et al
• [A] FR 2474995 A2 19810807 - BEAULATON JEAN [FR]
• See references of WO 2011032293A1

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