

Title (en)
HIGH PERFORMANCE MOTORIZED WATER SKI

Title (de)
HOCHLEISTUNGS-MOTORWASSERSKI

Title (fr)
SKI NAUTIQUE MOTORISE A HAUTES PERFORMANCES

Publication
EP 0696981 B1 20000628 (EN)

Application
EP 95912015 A 19950302

Priority
• US 9502553 W 19950302
• US 20527794 A 19940303
• US 39317195 A 19950301

Abstract (en)
[origin: WO9523731A1] A high speed motorized water ski (10) has a hull (16) having a bow (18), a stern (20) and a deck (22) sized for accommodating a standing rider (12). A jet pump (100) is mounted in the stern (18) for discharging a propelling stream of water outwardly from the stern (18) in a direction generally parallel to a longitudinal axis (144) of the hull (16). A motor (108) is mounted within the hull (16) for driving the jet pump (100). The standing rider controls the speed of the motorized water ski (10) by means of an arm pole (26) having one end attached to the hull (16) near the bow (18). A hand grip (132) is attached to the other end of the arm pole (26) for enabling the standing rider to control motor speed and for providing stabilization to the standing rider's stance on the deck (22). The motor (108), jet pump (100) and other components of the motorized water ski (10) are mounted in the hull (16) to define a center of gravity so that when a rider of average weight stands on the deck (22), the composite center of gravity (120) of the motorized water ski (10) and rider (12) is beneath the deck (22) in order to enable the standing rider (12) to turn the motorized water ski (10) solely by a shift in rider stance on the deck (22).

IPC 1-7
B63B 35/79

IPC 8 full level
A63B 69/00 (2006.01); **B63B 35/73** (2006.01); **B63B 35/79** (2006.01); **B63B 35/81** (2006.01); **F02B 61/04** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP)
B63B 34/10 (2020.02); **F02B 61/045** (2013.01); **F02B 1/04** (2013.01)

Designated contracting state (EPC)
DE ES FR GB GR IT SE

DOCDB simple family (publication)
WO 9523731 A1 19950908; AU 1937095 A 19950918; AU 691264 B2 19980514; BR 9505651 A 19960409; CA 2161670 A1 19950908; CA 2161670 C 20050517; DE 69517635 D1 20000803; DE 69517635 T2 20010913; EP 0696981 A1 19960221; EP 0696981 A4 19960626; EP 0696981 B1 20000628; ES 2151050 T3 20001216; GR 3034452 T3 20001229; JP 3176632 B2 20010618; JP H08510425 A 19961105; NZ 282300 A 19970727

DOCDB simple family (application)
US 9502553 W 19950302; AU 1937095 A 19950302; BR 9505651 A 19950302; CA 2161670 A 19950302; DE 69517635 T 19950302; EP 95912015 A 19950302; ES 95912015 T 19950302; GR 20000402144 T 20000920; JP 52300295 A 19950302; NZ 28230095 A 19950302