

Search history

Search SFT=(oar* and spring) (Results 23815)
1:

Search 1 and (hole or channel) (Results 9259)
2:

Search SFT=(oar* and spring) and IC=(B63H16/04) (Results 115)
3:

Search 3 and PD<20170603 (Results 109)
4:

Search IC=(B63H16/04) (Results 1503)
5:

Search 5 and (oar* or paddle*) (Results 1098)
6:

Search 6 and (spring or coil) (Results 184)
7:

Search 7 and hinge (Results 52)
8:

Search 8 and PD<20170603 (Results 48)
9:

Search PN=(WO2018163034) and IC=(B63H16/04) (Results 1)
10:

Search 11: [SP]: articulated oar controlled from the handle rame articulee commandee depuis le manche remo articulado controlado desde el mango the present invention relates to the performance of transport operations involving vessels and related devices, and concerns an instrument for propulsion by means of muscular power, specifically an articulated oar with an internal mechanism in the handle. the oar contains a concentric shaft that is manipulated by a rigid perpendicular handle that allows, by means of a slot in the tube of the oar, the shaft to move so that, by means of a channel, same transfers movement to the end of the paddle, which, by means of a joint, allows the paddle to be secured or released in both directions and even secured for use as a conventional oar. the central shaft is repositioned by a spring. la presente invention concerne la mise en oeuvre d'operations de transports qui comprend des navires et des equipements associes. l'invention concerne un instrument de propulsion par la puissance musculaire, specifiquement une rame articulee avec un mecanisme interne dans son manche. la rame contient un axe excentrique qui est manipule par un manche rigide perpendiculaire qui permet par l'intermediaire d'une rainure dans le tube de la rame, de deplacer l'axe pour que, par l'intermediaire d'un canal, il communique le mouvement a l'extremite de la palette, qui au moyen d'une articulation, permet de fixer ou de la liberer dans les deux sens, y compris de la fixer pour l'utiliser comme une rame classique. l'axe central est repositionne au moyen d'un ressort. la presente invencion esta relacionada con la realizacion de operaciones de transportes que comprende navios y equipos relacionados. se trata de un instrumento de propulsion por la potencia muscular, especificamente un remo articulado con un mecanismo interno en su mango. el remo contiene un eje concentrico que es manipulado por un mango rigido perpendicular que permite a traves de una ranura en el tubo del remo, desplazar el eje para que a traves de una canal comuniquen el movimiento al extremo de la paleta, que por medio de una articulacion permite trabarla o liberarla en ambos sentidos, e incluso trabarla para usarla como un remo convencional. el eje central es reposicionado mediante un resorte. (Results 0)

Search fn=(70158254) (Results 1)
12:

Search PN=(US4098219) (Results 1)
13:

Search 14: [SP]: ski propulsion paddles manually operable propulsion paddles, for use in water skiing or boating are provided with a lower water-engaging portion, an upwardly-extending shaft and a handle at the upper portion of the shaft. the water engaging portion comprises a pair of plates hingedly secured on a hinge pin mounted on the lower portion of the shaft. the plate members assume an open position when downward force is exerted on them, for propulsion through the water, and a closed position for easy withdrawal through the water. (Results 0)

Search 15: [SP]: what i claim is: 1. a water propulsion paddle for use in self-propelled water skiing including a lower water-engaging portion, a shaft extending upwardly from said water-engaging portion and a handle means adapted to be gripped by the operator's hand at the upper portion of the shaft the water-engaging portion comprising a pair of essentially similar flat plate members hingedly mounted on a hinge pin secured to and extending transversely to the axis of the shaft for mutually co-ordinated hinging movement of the plates between an open position in which the plate members make an angle from about 130 deg to about 170 deg between each other and a closed position in which the plate members define an angle of from about 10 deg-30 deg therebetween said hinge pin extending generally in a forward to rearward direction with respect to the direction of travel of the paddle when in operation and biasing means urging said plates towards their closed position. 2. the water propulsion paddle of claim 1, wherein the shaft includes at its upper end a hollow, thickened portion which is generally elliptical in transverse cross-section presenting a forward ridge extending in the forward direction. 3. the water propulsion paddle of claim 1 in which both of the water-engaging flat plate members are semi-circular, hingedly mounted on said hinge pin at a common diameter. 4. the water propulsion paddle of claim 1 further including: a housing sleeve receiving the lower end of the shaft opposed elongated slots at the sides of the housing sleeve a collar slidable on the shaft within said housing sleeve a pair of hinged tie-rods, each associated with one of said flat plate members, the hinged tie-rods having upper portions protruding through respective elongated slots and hingedly secured to said slidable collar, and lower portions hingedly secured to said flat plate members said biasing means comprising a spring inside said housing sleeve acting on said slidable collar to urge the tie-rods downwardly and hence urge the plates towards their closed position. (Results 14)

Search RF=(NC20170002231) (Results 9)
16:

Title: Ski propulsion paddles

Abstract: Manually operable propulsion paddles, for use in water skiing or boating are provided with a lower water-engaging portion, an upwardly-extending shaft and a handle at the upper portion of the shaft. The water engaging portion comprises a pair of plates hingedly secured on a hinge pin mounted on the lower portion of the shaft. The plate members assume an open position when downward force is exerted on them, for propulsion through the water, and a closed position for easy withdrawal through the water.

Classifications:

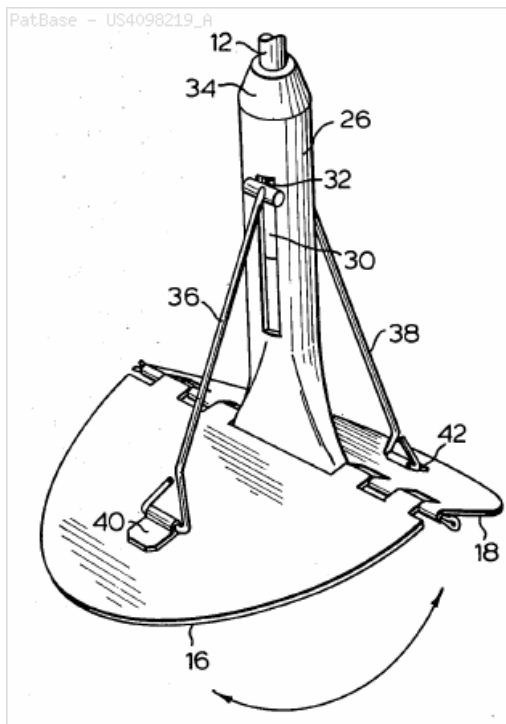
International (IPC 8-9): B63B35/85 B63H16/04 (Advanced/Invention); B63B35/73 B63H16/00 (Core/Invention)

International (IPC 1-7): B63H1/32

CPC: B63B35/85 B63H16/04

European: B63B35/85 B63H16/04

US: 115/31 440/101



Family:

Publication number	Publication date	Application number	Application date
US4098219 A	19780704	US19760747664	19761206

Priority:

US19760747664 19761206

Probable Assignee:

TESAN RICCARDO

Assignee(s): (std):

TESAN RICCARDO

Inventor(s): (std):

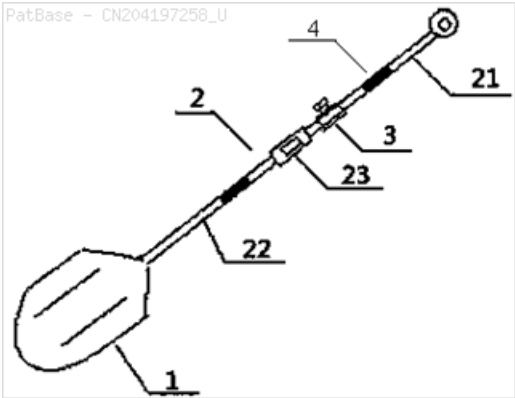
TESAN RICCARDO

Title: NOVEL LIFEBOAT OAR

Abstract: The utility model provides a novel lifeboat oar which is telescopic freely and conveniently to carry. The novel lifeboat oar comprises an oar plate and a holding rod. The holding rod (2) is composed of a first telescopic rod (21) and a second telescopic rod (22), the upper end of the second telescopic rod (22) is sleeved with the lower end of the first telescopic rod (21), and the joint between the first telescopic rod (21) and the second telescopic rod (22) is provided with a limiting pin (23). The first telescopic rod (21) is provided with a tripping preventing oar device (3), and the tripping preventing oar device (3) comprises a sleeve ring (31), a rotating sliding block (32), a hinge (33) and a tensioning spring (34). The sleeve ring (31) is composed of a pair of half rings, one end of the sleeve ring (31) is hinged through the hinge (33), the other end of the sleeve ring (31) is connected through the tensioning spring (34), and the two ends of the tensioning spring (34) are fixed at the two ends of an opening of the sleeve ring (31) respectively. The rotating sliding block (32) is located between movable openings of the sleeve ring (31) and is connected with one end of each movable opening of the sleeve ring (31) through a gasket.

Classifications:

International (IPC 8-9): B63H16/04 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN204197258 U	20150311	CN201420527824U	20140915

Priority:

CN201420527824U 20140915

Probable Assignee: JIANGSU MARITIME INST

Assignee(s): (std): JIANGSU MARITIME INST

Assignee(s): JIANGSU MARITIME VOCATIONAL AND TECHNICAL COLLEGE

Inventor(s): (std): SU WENMING

Abstract: Source: DE8815177U1 [DE] (Claim 1) 1. Schwenkruder gekennzeichnet durch ein Ruder mit. einem Ruderblatt (10), das gelenkig an einer Ruderstange (20) gelagert ist und schwenkbar mit einem Bootskoerper verbindbar ist, der durch das Zurueck-und Verschwinden des Ruders fortbewegt werden kann.

Machine translation: (Claim 1) 1 Characterized by a pivoting rudder with rudder. a rudder blade (10), which is articulated in a row bar (20) pivotally mounted and connected to a Bootskoerper is capable of being propelled through the Back and wasting of the rudder.

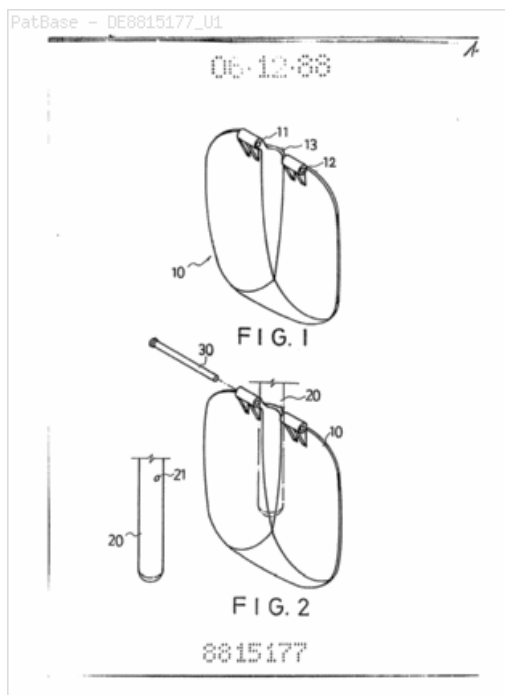
Classifications:

International (IPC 8-9): B63B35/73 B63H1/32 (Advanced/Invention);
B63B35/73 B63H1/00 (Core/Invention)

International (IPC 1-7): B63B35/86 B63H16/04 B63H16/18

CPC: B63B35/73 B63H1/32

European: B63B35/73 B63H1/32

**Family:**

Publication number	Publication date	Application number	Application date
DE8815177 U1	19890330	DE19880015177U	19881206

Priority:

DE19880015177U 19881206

Probable Assignee: LIOU CHANG SHYONG TAIPEH T AI PEI TW

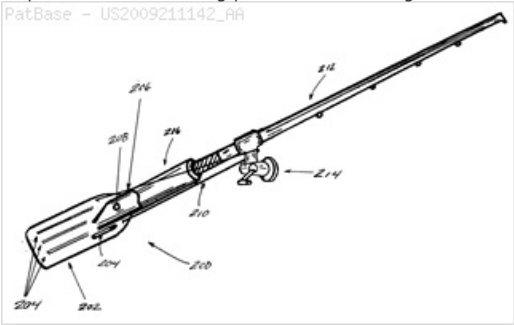
Assignee(s): LIOU CHANG SHYONG TAIPEH T AI PEI TW

Title: OAR APPARATUS AND METHOD OF USE

Abstract: An apparatus and method for allowing a fisherman to utilize an oar or paddle while maintaining possession and control of a fishing pole rod and fishing reel. The oar or paddle is designed to be an integral member with or affixed to the fishing pole rod and fishing reel without altering the full movement and operation of the fishing pole rod and fishing reel.

Classifications:

International (IPC 8-9): A01K87/00 A01K97/10
B63H16/04 (Advanced/Invention);
A01K97/10 B63H16/00 (Core/Invention)
CPC: A01K87/02 A01K97/10 B63H16/04
European: A01K87/02 A01K97/10 B63H16/04
US: 43/21.2 440/101 440/101P



Family:

Publication number	Publication date	Application number	Application date
US2009211142 AA	20090827	US20080072250	20080225
US2011195622 AA	20110811	US20110088317	20110415
WO09108294 A2	20090903	WO2009US01148	20090224
WO09108294 A3	20091230	WO2009US01148	20090224

Priority:

US20080072250 20080225 US20110088317 20110415

Probable Assignee: SACKETT ANDREW

Assignee(s): (std): SACKETT ANDREW

Inventor(s): (std): SACKETT ANDREW

Agent(s): BAKOS AND KRITZER LLP; KRITZER NOAM J

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU
CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL
IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MW MX
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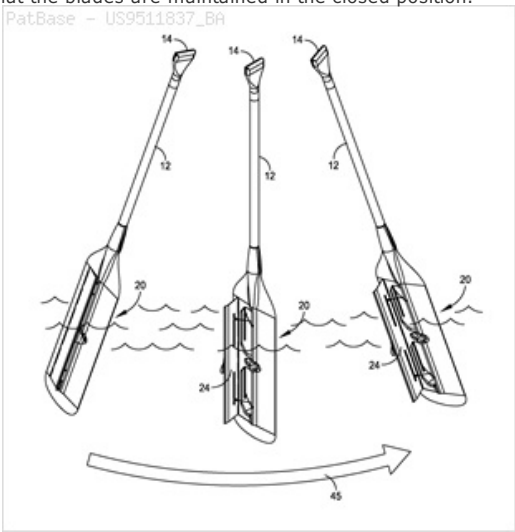
Title: DEVICE FOR PROPELLING A VESSEL

Abstract: A device for propelling a vessel through water that includes an elongated handle; a grip at one end of the elongated handle; a paddle-shaped frame at an opposite end of the handle; a pair of blades that are pivotally supported at opposed respective sides of the frame and that have an open position and a normally biased closed position; and a cam supported by the frame and operated from the grip end of the handle. The cam is constructed and arranged to control the position of the blades so that in one position thereof the blades are partially opened allowing the blades to pivot, and in another position thereof the blades are nested against the frame so that the blades are maintained in the closed position.

Classifications:

International (IPC 8-9): B63H1/32 B63H16/04 (Advanced/Invention)

CPC: B63H16/04 B63H2016/043 B63H2016/046



Family:

Publication number	Publication date	Application number	Application date
US9511837 BA	20161206	US20150690618	20150420

Priority:

US20150690618 20150420

Probable Assignee:

REEVES JOHN

Assignee(s): (std):

REEVES JOHN

Inventor(s): (std):

REEVES JOHN

Agent(s):

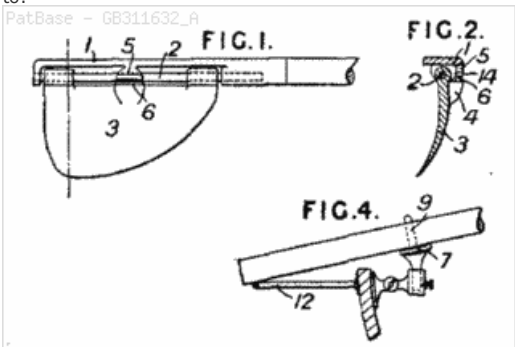
SALTER AND MICHAELSON

Title: Rowing apparatus for the propulsion of boats

Abstract: Oars; rowlocks.-An oar operated by a simple pull and push motion has a blade 3, preferably curved in section, hinged to the member 1 by the bolt 2, the blade being maintained vertically in the water on the power stroke by the engagement of the stops 4, 5. Shock absorbing pads 6, 14, of felt, or springs, are provided. The oar is maintained at a constant inclination to the water surface by the hinged plate 7, bearing the thole 9 which passes through the member 1, and by the curved metallic rod 12 fixed to the side of the boat. For lightness, the blade may be made of celluloid, or aluminium, with a central cavity filled with cork. Specification 304,095 is referred to.

Classifications:

International (IPC 8-9): B63H16/04 (Advanced/Invention);
B63H16/00 (Core/Invention)
International (IPC 1-7): B63H16/04
CPC: B63H16/04
European: B63H16/04



Family:

Publication number	Publication date	Application number	Application date
GB311632 A	19290516	GB19280029490	19281012

Priority:

GB19280029490 19281012

Probable Assignee:

EMILE DEVIENNE

Assignee(s): (std):

EMILE DEVIENNE

Title: ARTICULATED OAR SYSTEM

Abstract: An oar system is provided that keeps the blade of the oar at approximately 90 degrees to the centerline or keel of a boat throughout the normal power producing stroke. This reduces the lost effort that is expended when operating oars whose blades are fixed to the oar shaft. A series of cables and pivotal attachment points holds the oar blade at the approximate 90-degree angle to the boat keel.

Classifications:

International (IPC 8-9): B63H16/04 (Advanced/Invention);

B63H16/00 (Core/Invention)

CPC: B63H16/04

European: B63H16/04

US: 440/101



Family:

Publication number	Publication date	Application number	Application date
US2008242163 AA	20081002	US20070731701	20070402

Priority:

US20070731701 20070402

Probable Assignee:

BOWEN JOHN C

Assignee(s): (std):

BOWEN JOHN C

Inventor(s): (std):

BOWEN JOHN C

Agent(s):

ZACHARY T WOBENSMITH III

Abstract: Source: DE7247102U [DE] (Claim 1) 1. Verbindungsmechanismus fuer die Zusammensetzung oder Verlaengerung von Paddeln und Rudern, dadurch gekennzeichnet, dass in einem verjuengten Einsteckrohr (11) eine Federbuechse (16) mit einem Nippel (18) vorgesehen ist, welcher eine Kugel- sperre (20) besitzt, die in Loecher (14; 15) einrastet und so die Verbindung der zusammengefuegten Teile arretiert.

Machine translation: (Claim 1) 1 Connection mechanism for the composition or renewals of paddles and oars, wherein is provided in a tapered insert tube (11) one Cases (16) with a nipple (18), which has a ball-lock (20), in holes (14, 15) and locked into place so the combination of the assembled parts.

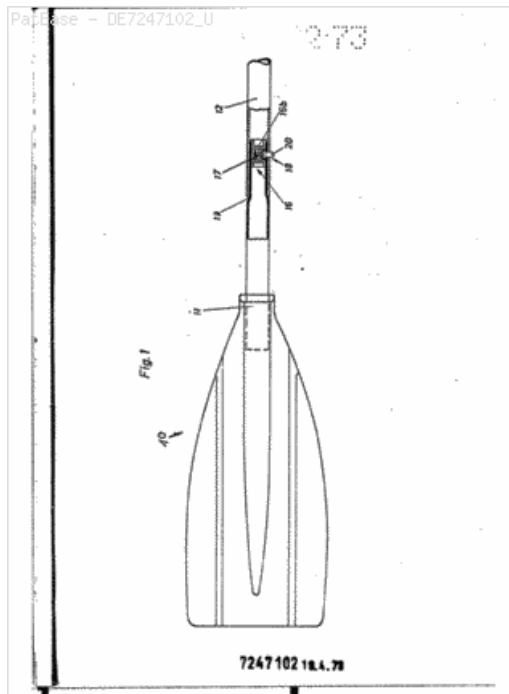
Classifications:

International (IPC 8-9): B63H16/04 (Advanced/Invention);
B63H16/00 (Core/Invention)

International (IPC 1-7): B63H16/04

CPC: B63H16/04

European: B63H16/04

**Family:**

Publication number	Publication date	Application number	Application date
DE7247102 U	19730419	DE19720047102U	19721223

Priority:

DE19720047102U 19721223

Probable Assignee:

PILZ F SPORTGERAETEFABRIK

Assignee(s):

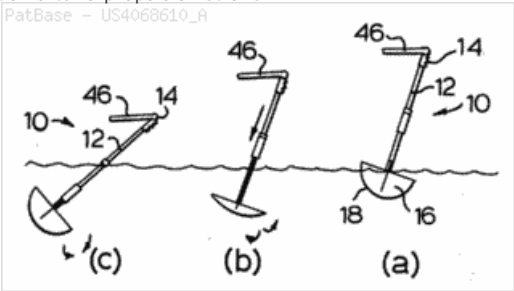
PILZ F SPORTGERAETEFABRIK

Title: Ski propulsion poles

Abstract: Manually operable ski propulsion poles or paddles, for use in water skiing or snow skiing or the like, are provided with a lower medium-engaging portion, an upwardly extending shaft, a handle at the upper portion of the shaft, and arm supporting means pivotally secured to the shaft and adapted to engage the arm of an operator gripping the handle. The arm supporting means may include biasing means such as a spring loading, urging the shaft in a direction towards the arm of the operator. Such arm supporting means materially reduce the effort necessary in operating the paddles, both during the propulsion stroke and during the return of the paddle to its initial position after a propulsion stroke.

Classifications:

International (IPC 8-9): A63C11/22 B63B35/85 B63H1/32 (Advanced/Invention); A63C11/00 B63B35/73 B63H1/00 (Core/Invention)
International (IPC 1-7): B63H16/04
CPC: A63C11/22 B63B35/85 B63H1/32
European: A63C11/22 B63B35/85 B63H1/32
US: 115/24.1 280/821 440/101



Family:

Publication number	Publication date	Application number	Application date
US4068610 A	19780117	US19760747666	19761206

Priority:

US19760747666 19761206

Probable Assignee:	TESAN RICCARDO
Assignee(s): (std):	TESAN RICCARDO
Inventor(s): (std):	TESAN RICCARDO