

Title (en)
ASSEMBLY AND COUPLING ELEMENTS FOR SINGLE- OR MULTIPLE-SEAT PEDAL-POWERED WATERCRAFT HAVING PADDLE WHEELS

Title (de)
ANORDNUNG UND KOPPLUNGSELEMENTE FÜR PEDALBETRIEBENES EIN- ODER MEHRSITZBOOT MIT SCHAUFELRÄDERN

Title (fr)
ÉLÉMENTS DE MONTAGE ET D'ASSEMBLAGE POUR PATINS AQUATIQUES MONO OU BIPLACE PROPULSÉS PAR DES PÉDALES ET ROUES DE PALETTES

Publication
EP 2070814 A4 20120912 (EN)

Application
EP 07822879 A 20070731

Priority
• ES 2007000471 W 20070731
• ES 200601880 U 20060801

Abstract (en)
[origin: EP2070814A1] Set of pieces in kit form for the quick assembly of boats, optionally propelled by pedals and paddlewheels, configurable for one or some passengers, constituted by a basic structure with several crossbars placed transversely in relation to the direction of advance of the boat, that are secured to at least two main longitudinal floats whose number is equal to the number of passengers plus one. All the necessary elements for propulsion and control of the pedal boat and for passenger's accommodation are placed between each two adjacent floats. The basic structure previously cited gets rigidity with two longitudinal bars or plates that ends in two traverse segments each one. The longitudinal section of these longitudinal bars or plates is secured to the traverse crossbars of the boat and their respective traverse sections are fixed to one of the floats. The propulsion and control elements of the boat can be joined and assembled side by side serially in a number equal to the number of passengers of the boat.

IPC 8 full level
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B63B 34/50 (2020.02 - US); **B63H 5/02** (2013.01 - EP); **B63H 16/12** (2013.01 - EP US); **B63H 25/10** (2013.01 - EP);
B63H 2016/202 (2013.01 - EP)

Citation (search report)
• [A] US 6311632 B1 20011106 - NOEL JR ROLAND H [US]
• [A] US 2287706 A 19420623 - PERRY ELWOOD R
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• [A] US 2004035344 A1 20040226 - METZGER ANDREW T [US], et al
• See references of WO 2008023083A1

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WO2012032198A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2070814 A1 20090617; **EP 2070814 A4 20120912**; **EP 2070814 B1 20161207**; ES 1064408 U 20070316; ES 1064408 Y 20070616;
ES 2631153 T3 20170828; WO 2008023083 A1 20080228

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