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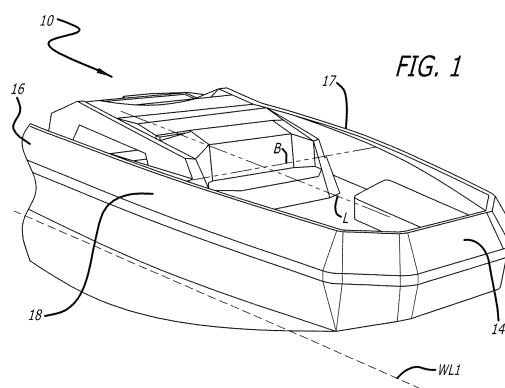
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(54) **Wakesurfing boat and hull for a wakesurfing boat**

(57) A wakesurfing boat (10) and a hull (12) for a wakesurfing boat. The hull (12) includes a bow (14), a stern (16), port and starboard bulwarks (17, 18), and a bottom (20) having a preselected length extending from the bow to the stern. The bottom is configured with a substantially central ridge (22) and port and starboard ridges (24, 25) extending below the respective port and starboard bulwarks (17, 18) to define a substantially M-shaped bottom in cross section with concave portions (26, 27) to port and starboard of the substantially central ridge (22). Port and starboard laterally rounded sponsoons (30, 32) extend below the respective port and starboard bulwarks (17, 18) proximate the stern. A trim wedge (35) projects below the stern. A first rounded stern portion (38) extends below the stern aft of the trim wedge, and a second rounded stern portion (39) extends from the port sponsoon to the starboard sponsoon. Ballast tanks (40), supported by the hull, are selectively fillable with ballast water.

In a dynamic surfing mode, with ballast tanks (40) partially or fully flooded, increased water flowing through the port and starboard concave portions, combined with increased ballast, and increased displaced water, increases water resistance to the hull, resulting in a larger wake wave. Water passing around the rounded lateral sponsoons, past the wedge trim, and past the first and

second rounded portions of the stern is directed toward a convergent zone in the wake, resulting in an improved wake wave shape.





## EUROPEAN SEARCH REPORT

 Application Number  
EP 13 17 0307

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y A	WO 00/17041 A1 (MANGIA ONDA CO LLC [US]; ROBINSON CHARLES W [US]; BURNS WILLIAM F III) 30 March 2000 (2000-03-30) * figures 1-6 *	1,4,6, 10-13 14,15	
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		30 November 2015	Székely, Zsolt
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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