

Title (en)  
Wakesurfing boat and hull for a wakesurfing boat

Title (de)  
Wakesurfboot und Rumpf für ein Wakesurfboot

Title (fr)  
Bateau de wakesurfing et coque pour bateau de wakesurfing

Publication  
**EP 2842861 A3 20160106 (EN)**

Application  
**EP 14180155 A 20130603**

Priority  
• US 201313835660 A 20130315  
• EP 13170307 A 20130603

Abstract (en)  
[origin: EP2778038A2] 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.

IPC 8 full level  
**B63B 1/04** (2006.01); **B63B 1/20** (2006.01); **B63B 43/06** (2006.01)

CPC (source: EP US)  
**B63B 1/042** (2013.01 - EP); **B63B 1/20** (2013.01 - EP); **B63B 34/70** (2020.02 - US)

Citation (search report)  
• [A] US 3503358 A 19700331 - MOESLY CARL  
• [A] WO 0017041 A1 20000330 - MANGIA ONDA CO LLC [US], et al  
• [A] US 6374762 B1 20020423 - LARSON BORDEN M [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2778038 A2 20140917; EP 2778038 A3 20160106**; EP 2842861 A2 20150304; EP 2842861 A3 20160106; EP 2842861 B1 20170329

DOCDB simple family (application)  
**EP 13170307 A 20130603**; EP 14180155 A 20130603