

Title (en)

Catamaran for surfing- or buoyancy sailing

Title (de)

Katamaran zum Segeln im Gleit- oder Verdrängungsmodus

Title (fr)

Catamaran pour navigation de glisse ou de déplacement

Publication

**EP 0955234 A3 20000621 (EN)**

Application

**EP 99108540 A 19990505**

Priority

DK 62998 A 19980507

Abstract (en)

[origin: EP0955234A2] The catamaran has two hulls shown fully drawn on fig.2. On fig.2 it is shown that a fully drawn crosssection of one underhull (3) can be replaced by the cross-section of the other underhull (4) shown punched, because it is a mirror image of the other about the middlenormal-plane for the dividing ribbon-surfaces, with the keelplane ko at a right angle to the cora k. Because a and b are also on the congruent assembly-ribbons outer lines, the superhulls (1) and (2) and the underhulls will meet at these. A cross-section in the hull in á and b/ show that a correct hull design and parallel keels can be achieved for the V-shabed bottom with a rounded bow. For the surfing hulls is alpha different, but close to beta which make a slight unimportant asymmetric xi of the bottom. A stippled curve is symmetric about the above mentioned middlenormal m, in order to achieve an evenly-drawn line-design of the longest hull astern when exchanging the underhulls. <IMAGE>

IPC 1-7

**B63B 1/12**; **B63B 3/08**

IPC 8 full level

**B63B 1/12** (2006.01); **B63B 1/20** (2006.01); **B63B 3/08** (2006.01)

CPC (source: EP)

**B63B 1/121** (2013.01); **B63B 1/20** (2013.01); **B63B 3/08** (2013.01); **B63B 2001/145** (2013.01)

Citation (search report)

- [A] DE 101114 C
- [A] DE 3344543 A1 19850926 - LECHNER T DIPL ING DR
- [A] US 5265550 A 19931130 - HARPER JR WILLIAM H [US]
- [A] US 3085262 A 19630416 - PLEMMONS HOWELL T
- [A] CH 670230 A5 19890531 - VITTORIO DEL BASSO AG

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