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(71) Applicant: **Lange, Carl Gustav**
7130 Juelsminde (DK)

(72) Inventor: **Lange, Carl Gustav**
7130 Juelsminde (DK)

(54) Catamaran for surfing- or buoyancy sailing

(57) 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 $k_{ø}$ 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 ƀ show that a correct hulldesign and parallel keels can be achieved for the V-shabed bottom with a rounded bow. For the surfing hulls is α different,but close to β which make a slight unimportant asymmetric ξ 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.

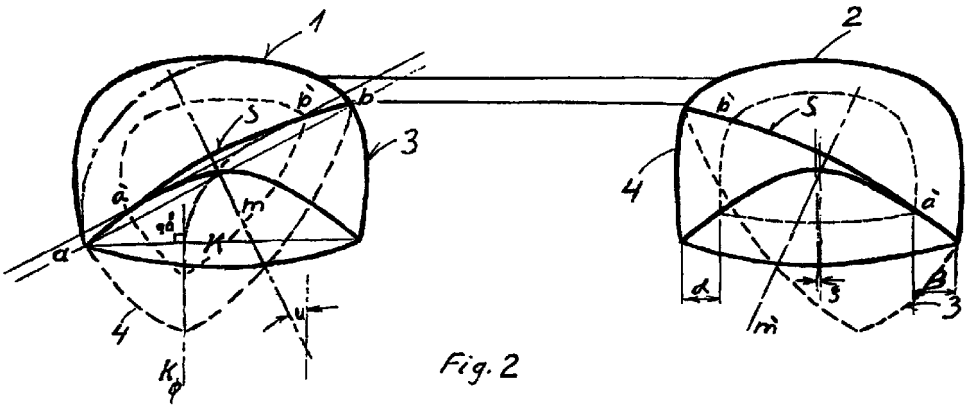


Fig. 2

EP 0 955 234 A3

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EUROPEAN SEARCH REPORT

Application Number
EP 99 10 8540

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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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	27 April 2000	Häusler, F.U.

CATEGORY OF CITED DOCUMENTS

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