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54 **Boat hull.**

57 A boat hull (10) of increased lift and efficiency is described. Lift is imparted by having a pair of contoured channels (18,19) along the chines (20,21) of the hull. The hull may be a single or multiple hull (12,14). In the case of multiple hulls (12,14) the contoured channels (18,19,52) may be provided along both the inner and outer edges. In a most preferred embodiment at least one hydrofoil (50) is mounted underneath the central bottom portion (17) of the twin-hulled craft (both with and without contoured channels) between the two hulls (12,14). This mounting position provides the hull (10) with the advantages of hydrofoil assistance without the obstruction of a convention hydrofoil mounting.

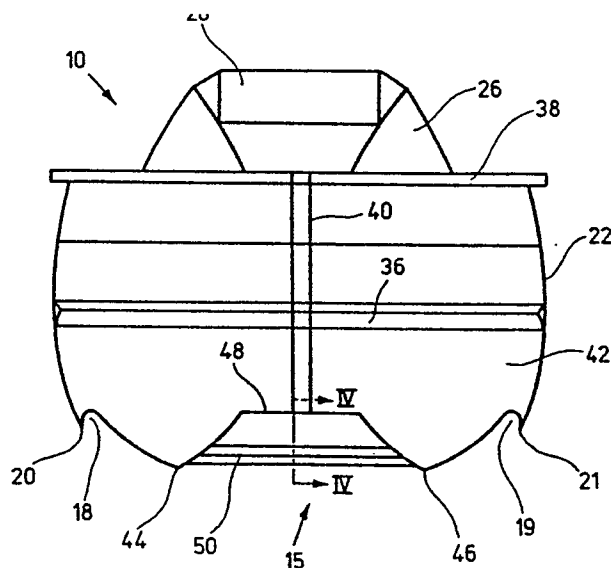


FIG. 2



DOCUMENTS CONSIDERED TO BE RELEVANT			EP 87303662.8
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	US - A - 4 159 691 (PAXTON) * Totality *	1, 2, 4	B 63 B 1/18 B 63 B 1/12
Y	--	3	
Y	US - A - 3 470 839 (FAUL et al.) * Fig. 4,6; column 2, lines 59-69 *	3,5,6,7	
Y	FR - A - 1 081 063 (COUSTEAU, MAURIC) * Totality *	5,6,7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 63 B
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 24-02-1989	Examiner SCHMICKL
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	