

Title (en)
Multi-hull vessel.

Title (de)
Mehrrumpfschiff.

Title (fr)
Bateau multi-coques.

Publication
EP 0545878 A1 19930609 (EN)

Application
EP 92850277 A 19921124

Priority
NO 914789 A 19911205

Abstract (en)
The present invention relates to a multi-hull vessel having two slim, symmetrically placed hulls (1,2) on which are provided two submerged transverse wings or foils (4,5,11) which, at normal running speeds, will contribute to determination of the vessel's draft, trim and movement in all six degrees of freedom. The invention is characterized in that the wings (4,5,11) are positioned below and spaced apart from the plane of the keel (BL) with the aid of downward projecting struts (6,7,12,13), each of said hulls (1,2) being provided with a separate forward wing (4,5) with the aid of a respective controlled strut (6,7) projecting downward from the hull for limited pivotal movement about a vertical axis. The hulls (1,2) are connected at the stern to a common stern wing (11), supported by a rear strut (12,13) projecting downward from each hull. Each of the separate forward wings (4,5) and the stern wing have actuator operated (8) flaps (9). There is described the use of water jet drive, with a water jet intake (14) in the lowermost submerged sections of the rear struts (12,13) that are directed at a slant forwards and downwards in the water. <IMAGE>

IPC 1-7
B63B 1/12; **B63B 1/28**

IPC 8 full level
B63B 1/10 (2006.01); **B63B 1/12** (2006.01); **B63B 1/28** (2006.01)

CPC (source: EP KR)
B63B 1/12 (2013.01 - EP); **B63B 1/24** (2013.01 - KR); **B63B 1/283** (2013.01 - EP)

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EP 92850277 A 19921124; AU 2982192 A 19921201; CN 92114198 A 19921204; DE 69208337 T 19921124; JP 32703092 A 19921207; KR 920022861 A 19921130; NO 914789 A 19911205; ZA 929389 A 19921203