

Title (en)  
HYDROFOIL ARRANGEMENT FOR A HYDROPLANE-CATAMARAN

Publication  
**EP 0199145 B1 19880810 (DE)**

Application  
**EP 86104362 A 19860329**

Priority  
DE 3514195 A 19850419

Abstract (en)  
[origin: US4665853A] A catamaran including two hulls defining a tunnel between them. The tunnel is bridged below the waterline by transversely arranged hydrofoils. The relatively larger mainfoil is located behind, and the smaller trimfoil in front of, the longitudinal center of gravity of the catamaran. This arrangement considerably reduces the high hump resistance of the catamaran.

IPC 1-7  
**B63B 1/12**; **B63B 1/26**

IPC 8 full level  
**B63B 1/12** (2006.01); **B63B 1/24** (2006.01); **B63B 1/26** (2006.01)

CPC (source: EP US)  
**B63B 1/042** (2013.01 - EP US); **B63B 1/248** (2013.01 - EP US)

Cited by  
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BE CH DE FR IT LI NL SE

DOCDB simple family (publication)  
**EP 0199145 A1 19861029**; **EP 0199145 B1 19880810**; AU 5639986 A 19861023; AU 576148 B2 19880811; DE 3514195 A1 19861023; DE 3660477 D1 19880915; NO 170269 B 19920622; NO 170269 C 19920930; NO 853824 L 19861020; US 4665853 A 19870519; ZA 862870 B 19880427

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**EP 86104362 A 19860329**; AU 5639986 A 19860416; DE 3514195 A 19850419; DE 3660477 T 19860329; NO 853824 A 19850927; US 85368586 A 19860418; ZA 862870 A 19860417