

Title (en)
HIGH SPEED SAILING DEVICE

Title (de)
HOCHGESCHWINDIGKEITSSEGELVORRICHTUNG

Title (fr)
ENGIN DE NAVIGATION A GRANDE VITESSE

Publication
EP 0784563 A1 19970723 (EN)

Application
EP 95901630 A 19941012

Priority
NL 9400251 W 19941012

Abstract (en)
[origin: WO9611840A1] A sailing device comprising a hull structure (1), a fin structure (2) and a sail system (3). The sail system (3) is arranged to be trimmed with its foot portion (4) to leeward of its upper portion (5) and for generating a wind resultant force including an upward lift component. The fin structure (2) is adapted for generating a lift having a downward component. During sailing in stronger winds, the downward component of the lift generated by the fin structure opposes the upward lift component of the wind resultant force, enabling to carry sails generating an upward lift component larger than the gravity forces exerted onto the device, without the device being lifted out of the water. Thus a substantially improved driving force to water displacement ratio can be achieved, so in principle higher speeds can be achieved than with known sailing device.

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B63H 9/06; **B63B 1/12**

IPC 8 full level
B63B 1/12 (2006.01); **B63H 9/06** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 9611840A1

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