

Title (en)
IMPROVED KEEL

Publication
EP 0373913 B1 19930901 (EN)

Application
EP 89313029 A 19891213

Priority
GB 8829293 A 19881215

Abstract (en)
[origin: EP0373913A1] An improved keel arrangement for sailing vessels, comprising a hydrofoil surface (10) mounted for rotation about an axis (4) parallel to the vessel's centreline and capable of producing a hydrodynamic lift force acting in a direction perpendicular to its axis (4) of rotation, the hydrofoil surface being selectively orientable to vary the direction of the lift force with respect to the vertical. Preferably two such hydrofoil surfaces (10L, 10W) are provided, so that their lift forces may be oriented to provide a net windward force and a righting moment to the vessel (3).

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B63B 1/28; **B63B 41/00**

IPC 8 full level
B63B 1/28 (2006.01); **B63B 41/00** (2006.01)

CPC (source: EP)
B63B 1/285 (2013.01); **B63B 41/00** (2013.01); **B63B 2035/009** (2013.01); **B63B 2039/065** (2013.01)

Cited by
DE102017209759A1; GB2322334A; US10322773B2; WO2016185357A3; DE102017209759B4

Designated contracting state (EPC)
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