Title (en)
   HYDROFOIL CRAFT

Title (de)
   TRAGFLÜGELWASSERFAHRZEUG

Title (fr)
   HYDROPTERE

Publication
   EP 0697976 A4 19960925 (EN)

Application
   EP 93916394 A 19930519

Priority
   • US 9304767 W 19930519
   • US 81096991 A 19911220

Abstract (en)
   [origin: CA2162466A1] A hydrofoil craft has a hull supported above a water surface by a foil connected to the hull by means of support arm. In
   accordance with one form of the invention, the support arm enables the foil to move up and down with respect to the hull in concert with upgusts
   of water surrounding the foil so as to maintain the hull at an approximately constant elevation. In accordance with another form of the invention,
   the support arm is supported by the hull for pivoting about a longitudinal axis extending in substantially the fore and aft direction of the hull. When
   rolling forces act on the foil the support arm can pivot about the axis from a vertical position in response to the rolling forces while enabling the hull to
   remain substantially level.

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   B63B 1/24

IPC 8 full level
   B63B 1/28 (2006.01); **B63B 1/24** (2006.01); **B63B 1/30** (2006.01); **B63B 39/06** (2006.01)

IPC 8 main group level
   B63B (2006.01)

CPC (source: EP)
   B63B 1/285 (2013.01)

Citation (search report)
   • [X] DE 768045 C 19550602 - SIEMENS APP UND MASCHINEN GMBH
   • [X] DE 2351034 A1 19750424 - EICHLER HORST DIPL-ING
   • [X] "Suspension system smooths supercavitating hydrofoil", MACHINE DESIGN, vol. 61, no. 14, 6 July 1989 (1989-07-06), CLEVELAND, pages 70 -
     71, XP000039141
   • See references of WO 9427862A1

Designated contracting state (EPC)
   DE DK FR GB IT NL

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