

Title (en)  
WIND-PROPELLED CRAFT

Publication  
**EP 0070673 B1 19870121 (EN)**

Application  
**EP 82303663 A 19820713**

Priority  
GB 8122087 A 19810717

Abstract (en)  
[origin: EP0070673A2] A wind-propelled craft is disclosed which comprises a hull (1) supporting a pair of unstayed masts (43 and 44) arranged to pivot about an axis lying in an approximately horizontal plane between a first position, in which one mast (43 or 44) extends substantially vertically and the other (44 or (43) extends generally at right-angles thereto away from the hull (1), and a second position, in which the relative configuration of the masts (43 and 44) is reversed. Each mast 43, 44) has a sail (41, 42) attached thereto; whereby, in use, one sail can be trimmed to the wind to provide forward propulsion, while the other sail simultaneously provides upward lift tending to counteract rolling or heeling force applied to the hull (1) by wind impinging on the first sail. A steering control system is also described in which a steering link passes from a control point through the region of the pivot point of a mast to a rudder (2).

IPC 1-7  
**B63B 35/82**

IPC 8 full level  
**B63B 35/79** (2006.01)

CPC (source: EP)  
**B63B 32/60** (2020.02); **B63H 8/20** (2020.02)

Citation (examination)  
EP 0035293 A2 19810909 - POLYMARIN BV [NL]

Cited by  
US4653416A; EP0124219A1; US4617871A; US4558655A; FR2651478A1; CN109635392A; WO8304235A1

Designated contracting state (EPC)  
AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)  
**EP 0070673 A2 19830126; EP 0070673 A3 19830928; EP 0070673 B1 19870121**; AT E25053 T1 19870215; DE 3275175 D1 19870226; GB 2101947 A 19830126; GB 2101947 B 19850911

DOCDB simple family (application)  
**EP 82303663 A 19820713**; AT 82303663 T 19820713; DE 3275175 T 19820713; GB 8220271 A 19820713