

Title (en)
Drive means and a boat having drive means

Title (de)
Antriebssystem und angetriebenes Boot

Title (fr)
Système d'actionnement et bateau propulsé

Publication
EP 0811550 A3 19980923 (EN)

Application
EP 97303818 A 19970604

Priority
GB 9611586 A 19960604

Abstract (en)
[origin: EP0811550A2] The invention provides drive means for a boat comprising a propeller (32), a propeller shaft (30) and a motor (28) for driving the propeller shaft (30), the motor (28) and at least part of the propeller shaft (30) being housed within a cavity (20) defined by a keel portion (18) attachable to or forming part of the hull of the boat. The motor (28) has flexible connectors (37) for connection to an engine or power pack (38) whose position with respect to the motor (28) can be selected or adjusted whilst remaining connected to the motor (28). The invention also provides a method of converting an existing boat into a boat incorporating such drive means, comprising the steps of forming an aperture in the hull of the boat corresponding to the shape of the keel portion (18), adapting the keel portion (18) to the shape of the hull and attaching the keel portion (18) to the hull so as to close and seal the aperture. The provision of drive means of this type removes at least some of the components of the drive means from the interior of the boat and provides additional directional stability to the boat. <IMAGE>

IPC 1-7
B63H 23/00

IPC 8 full level
B63B 3/38 (2006.01); **B63H 23/24** (2006.01)

CPC (source: EP)
B63B 3/38 (2013.01); **B63H 21/17** (2013.01); **B63H 23/24** (2013.01); **B63B 2003/387** (2013.01)

Citation (search report)
• [XY] US 3405677 A 19681015 - SMITH ROBERT C
• [Y] GB 611430 A 19481029 - HERMAN CORNELISSEN
• [Y] US 2692570 A 19541026 - WILLIAM COSTA
• [Y] DE 2848614 A1 19800522 - BARD MARTIN DIPLO ING
• [A] US 3238911 A 19660308 - LUCIAN PAZULSKI, et al
• [A] US 2371478 A 19450313 - STEELE ARCHIE A
• [A] US 5103752 A 19920414 - HIMEDA MASAMI [JP]
• [Y] A GROUP OF AUTHORITIES: "Marine Engineering", 1971, THE SOCIETY OF NAVAL ARCHITECTS AND MARINE ENGINEERS, NEW YORK, XP002073282

Cited by
EP2552773A4

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0811550 A2 19971210; EP 0811550 A3 19980923; EP 0811550 B1 20020313; DE 69710946 D1 20020418; DE 69710946 T2 20021128;
GB 2313819 A 19971210; GB 2313819 B 20000726; GB 9611586 D0 19960807

DOCDB simple family (application)
EP 97303818 A 19970604; DE 69710946 T 19970604; GB 9611586 A 19960604