

Title (en)

Manual control lever for motor boats

Title (de)

Handhebelsteuerung für Motor-und Sportboote

Title (fr)

Levier de contrôle manuel pour bateaux de loisirs à moteur

Publication

**EP 1074465 A3 20020911 (DE)**

Application

**EP 00114489 A 20000706**

Priority

DE 19936946 A 19990805

Abstract (en)

[origin: EP1074465A2] The hand lever control has a manually operated lever (5) which is pivoted in 2 function planes, one of which has a zero position for the lever, in which the engine is operated at idling revs, with the clutch closed and the propeller blades set at a neutral angle, the movement of the lever from the zero position causing an increase in the engine revs and adjustment of the propeller blade angle in opposite directions, dependent on the lever pivot direction. The second function plane has a rest position for the lever into which it is moved from the zero position and in which the clutch is disengaged and from which the lever can be pivoted for increasing the engine revs

IPC 1-7

**B63H 21/22**; **B63H 23/30**; **B63H 3/00**

IPC 8 full level

**B60K 20/02** (2006.01); **B63H 3/10** (2006.01); **B63H 21/22** (2006.01); **G05G 9/047** (2006.01)

CPC (source: EP US)

**B63H 21/213** (2013.01 - EP US)

Citation (search report)

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- [A] FR 1299252 A 19620720 - MORSE INSTR CO
- [A] DE 3808237 A1 19890921 - EYCHMUELLER THOMAS DIPL DESIGN [DE], et al
- [A] US 2767036 A 19561016 - BYRON IRVING R
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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**DE 19936946 C1 20010125**; EP 1074465 A2 20010207; EP 1074465 A3 20020911; JP 2001080579 A 20010327; US 6264512 B1 20010724

DOCDB simple family (application)

**DE 19936946 A 19990805**; EP 00114489 A 20000706; JP 2000238963 A 20000807; US 63265800 A 20000804