

Title (en)

Manual control lever for motor boats and sports boats

Title (de)

Handhebelsteuerung für Motor- und Sportboote

Title (fr)

Levier de contrôle manuel pour bateaux à moteur et de sport

Publication

EP 1112926 A3 20021106 (DE)

Application

EP 00128591 A 20001228

Priority

DE 19963476 A 19991228

Abstract (en)

[origin: EP1112926A2] The hand lever control has a hand lever (5), provided with a hand grip (21), which is displaced in at least one function plane for controlling the operation of the motor of the motorboat or speedboat and which is rotated about its axis in both directions against a return spring bias, for controlling maneuvering via an associated rotation sensor (23), coupled to a rudder control (24).

IPC 1-7

B63H 21/22; **B63H 21/21**

IPC 8 full level

B63H 21/22 (2006.01)

CPC (source: EP US)

B63H 21/213 (2013.01 - EP US); **Y10T 74/20** (2015.01 - EP US)

Citation (search report)

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- [X] GB 2111655 A 19830706 - NIIGATA ENGINEERING CO LTD
- [Y] US 3401240 A 19680910 - GROVES JOHN N
- [A] US 4691659 A 19870908 - ITO KIMIYAKI [JP], et al

Cited by

CN102849202A; ITGE20090062A1; WO2013010287A2

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EP 1112926 A2 20010704; **EP 1112926 A3 20021106**; DE 19963476 A1 20010719; US 2001035063 A1 20011101; US 6443083 B2 20020903

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EP 00128591 A 20001228; DE 19963476 A 19991228; US 75136400 A 20001228