

Title (en)

Electromechanical control device particularly for boats

Title (de)

Elektromechanische Steuereinheit insbesondere für Boote

Title (fr)

Appareil électromecanique de controle, en particulier pour un bateau

Publication

**EP 1541463 A3 20060208 (EN)**

Application

**EP 04104917 A 20041007**

Priority

IT SV20030048 A 20031211

Abstract (en)

[origin: EP1541463A2] Control device particularly for boats, at least a control mechanism (1) for setting the operation conditions of at least an engine and/or of other operating units, which control mechanism is movable along a predetermined path and for a predetermined travel between two end limit stop positions (201, 301); means (6) for setting the engine supply and/or the operation parameters of said other operating units which setting means have at least a mobile setting mechanism, such as for example a throttle of a carburator, and which setting mechanism is connected to said at least single control mechanism (1) by means of a mechanical transmission (2, 4, 6), such as a cable, lever or tie rod system or the like. A movement thereof causes a movement of the setting mechanism. According to the invention the system further provides a movement and/or position sensor (3) of the at least one control mechanism, which sensor produces electrical signals univocally correlated to the position and/or movement of said control mechanism; at least a motor actuator (5) for operating the setting mechanism, which motor actuator (5) is connected to a control gearcase and which gearcase produces control signals of the motor actuator univocally correlated and corresponding to signals transmitted by the position and/or movement sensor (401, 203); the motor actuator (5) and the mechanical transmission (4) being contemporaneously connected to the setting mechanism (6).

IPC 8 full level

**B63H 21/22** (2006.01); **G05G 7/00** (2006.01); **G05G 7/10** (2006.01)

CPC (source: EP US)

**B63H 21/213** (2013.01 - EP US); **G05G 7/10** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1541463 A2 20050615; EP 1541463 A3 20060208**; IT SV20030048 A1 20050612; US 2005148247 A1 20050707

DOCDB simple family (application)

**EP 04104917 A 20041007**; IT SV20030048 A 20031211; US 896504 A 20041213