

Title (en)

Control method for an electric motor for boats

Title (de)

Verfahren zur Regelung eines Elektro-Bootsmotors

Title (fr)

Méthode de contrôle pour moteur électrique de bateaux

Publication

**EP 1806282 A2 20070711 (DE)**

Application

**EP 07000146 A 20070104**

Priority

- DE 102006001009 A 20060105
- EP 06003968 A 20060227
- EP 07000146 A 20070104

Abstract (en)

The method involves supplying an electric boat motor with current from a battery such as lithium-manganese battery. The maximum current from the battery is drawn up, and battery voltage is measured. The maximum current from the battery is reduced when the battery voltage falls below a limit voltage. The maximum current from the battery is reduced again when the battery voltage falls below another limit voltage. The current is not drawn from the battery when the battery voltage falls below a minimum voltage. Independent claims are also included for the following: (1) an apparatus for increasing the range of a boat driven by an electric boat motor (2) a boat comprising an electric boat motor and a battery.

Abstract (de)

Die Erfindung betrifft ein Verfahren zur Regelung eines Elektro-Bootsmotors, der von einer Batterie mit Strom versorgt wird, wobei von der Batterie höchstens ein Maximalstrom abgezogen wird, wobei die Batteriespannung gemessen wird und der Maximalstrom verringert wird, wenn die Batteriespannung eine Grenzspannung (1C,0.1C,0.01C) unterschreitet.

IPC 8 full level

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CPC (source: EP)

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