

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 A3 20081015 (DE)**

Application

**EP 07000146 A 20070104**

Priority

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

Abstract (en)

[origin: EP1806282A2] 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.

IPC 8 full level

**B63H 20/00** (2006.01); **B63H 21/17** (2006.01)

CPC (source: EP)

**B63H 21/17** (2013.01); **B63H 2021/216** (2013.01)

Citation (search report)

- [Y] US 2003060094 A1 20030327 - MOTSENBOCKER MARVIN A [US]
- [A] US 6507164 B1 20030114 - HEALEY ROBERT W [US], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 11 30 September 1999 (1999-09-30)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04 4 August 2002 (2002-08-04)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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