

Title (en)

Method for operating a bolt setting device

Title (de)

Verfahren zum Betreiben des Bolzensetzgeräts

Title (fr)

Procédé de fonctionnement d'un appareil de fixation de boulons

Publication

**EP 2397260 B1 20171213 (DE)**

Application

**EP 11166651 A 20110519**

Priority

DE 102010030055 A 20100615

Abstract (en)

[origin: EP2397260A2] The driver (1) has a monitoring and/or diagnostic device i.e. electronic controller (24), for monitoring a state of the driver. A set of switching and/or sensor devices monitors the state of the driver. An electrical drive motor (20) i.e. brushless direct current motor, delivers driving power for setting a bolt (9). The monitoring and/or diagnostic device is connected with the drive motor. The rotational speed of the drive motor is detected for operating the driver. The drive motor is switched off or reverses its direction during occurrence of an error. An independent claim is also included for a method for operating an electrically actuated bolt driver.

IPC 8 full level

**B25C 1/00** (2006.01); **B25C 1/06** (2006.01)

CPC (source: EP KR US)

**B25B 21/00** (2013.01 - KR); **B25B 23/00** (2013.01 - KR); **B25C 1/008** (2013.01 - EP US); **B25C 1/06** (2013.01 - EP KR US); **B25C 7/00** (2013.01 - KR); **B25F 5/00** (2013.01 - KR)

Citation (examination)

- EP 2135710 A1 20091223 - MAKITA CORP [JP]
- EP 2127819 A1 20091202 - BLACK & DECKER INC [US]
- JP H08197455 A 19960806 - SENKOOPU

Cited by

CN104703761A; EP3670090A1; US10046448B2; EP3653342A3; EP4309851A1; WO2021119702A1; WO2014026966A3; US11926029B2; US11518012B2; WO2020126367A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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