

Title (en)

Bolt setting device and method for operating same

Title (de)

Bolzensetzgerät und Verfahren zum Betreiben eines Bolzensetzgeräts

Title (fr)

Appareil de fixation de boulons et procédé de fonctionnement d'un appareil de fixation de boulons

Publication

EP 2524771 B1 20200506 (DE)

Application

EP 12164412 A 20120417

Priority

DE 102011076086 A 20110519

Abstract (en)

[origin: EP2524771A1] The bolt driver (1) has a combustion chamber (12) that is provided with an electrically propelled device (14) for producing turbulence or for purging the combustion chamber. An electrical energy storage device (24) is provided with non-rechargeable primary battery cell or rechargeable secondary battery cell. An identification unit is provided for detecting whether electrical energy storage device is provided with primary battery cell or secondary battery cell. A measurement unit is provided for measuring the internal resistance of primary or secondary battery cells. An independent claim is included for a method for operating bolt driver.

IPC 8 full level

B25C 1/08 (2006.01)

CPC (source: EP US)

B25C 1/08 (2013.01 - EP US)

Citation (examination)

US 6123241 A 20000926 - APARICIO J OSCAR JR [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2524771 A1 20121121; EP 2524771 B1 20200506; CA 2775852 A1 20121119; CN 102785217 A 20121121; CN 102785217 B 20170301; DE 102011076086 A1 20121122; JP 2012240194 A 20121210; TW 201247369 A 20121201; TW I589412 B 20170701; US 2012292061 A1 20121122

DOCDB simple family (application)

EP 12164412 A 20120417; CA 2775852 A 20120502; CN 201210149697 A 20120515; DE 102011076086 A 20110519; JP 2012106635 A 20120508; TW 101113735 A 20120418; US 201213473874 A 20120517