

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 2465642 A3 20130116 (DE)

Application

EP 11189319 A 20111116

Priority

DE 102010063173 A 20101215

Abstract (en)

[origin: EP2465642A2] The bolt setting tool (1) comprises a working piston (34), which is suddenly moved translationally to set a fastening element, such as a bolt or a nail. An operating unit (44) is provided, which comprises a switch between a manual power adjustment mode and an automatic power adjustment mode. The operating unit has an operating element (45). An independent claim is also included for a method for operating a bolt setting tool.

IPC 8 full level

B25C 1/08 (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP US)

B25C 1/08 (2013.01 - EP US); **B25F 5/00** (2013.01 - EP US)

Citation (search report)

- [X] EP 1645371 A1 20060412 - BLACK & DECKER INC [US]
- [X] US 2008179371 A1 20080731 - GARDNER MICHAEL [US], et al
- [X] WO 02051591 A1 20020704 - SENCO PRODUCTS [US]
- [X] US 6123241 A 20000926 - APARICIO J OSCAR JR [US]
- [X] DE 10319647 B3 20040902 - HILTI AG [LI]

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WO2014026980A3; WO2014026971A3

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2465642 A2 20120620; EP 2465642 A3 20130116; AU 2011253991 A1 20120705; AU 2011253991 B2 20160121; CA 2761541 A1 20120615; CN 102528748 A 20120704; DE 102010063173 A1 20120621; JP 2012125919 A 20120705; JP 5864052 B2 20160217; TW 201238722 A 20121001; US 2012153003 A1 20120621

DOCDB simple family (application)

EP 11189319 A 20111116; AU 2011253991 A 20111213; CA 2761541 A 20111213; CN 201110410560 A 20111212; DE 102010063173 A 20101215; JP 2011272251 A 20111213; TW 100141782 A 20111116; US 201113326058 A 20111214