

Title (en)

Bolt fastening device and method for operating same

Title (de)

Bolzengerät und Verfahren zum Betreiben eines Bolzensetzgeräts

Title (fr)

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

Publication

EP 2524772 A3 20130410 (DE)

Application

EP 12164519 A 20120418

Priority

DE 102011076158 A 20110520

Abstract (en)

[origin: EP2524772A2] The bolt setting device (1) has a trigger (15) which is movable for triggering a setting process by applying a force against a counter force. The trigger is assigned to a counter force generating unit (20) with a counter force-way-distribution that has a local maximum. The counter force is increased before or after the local maximum to the local maximum. An independent claim is included for a method for operating a bolt setting device.

IPC 8 full level

B25C 1/08 (2006.01); **B25F 5/00** (2006.01); **H01H 9/06** (2006.01); **H01H 13/36** (2006.01)

CPC (source: EP US)

B25C 1/008 (2013.01 - EP US); **B25C 1/08** (2013.01 - EP US)

Citation (search report)

- [Y] US 5197646 A 19930330 - NIKOLICH MILOVAN A [US]
- [Y] DE 19954740 A1 20010517 - JUNG GMBH ALBRECHT [DE]
- [A] US 3676627 A 19720711 - HAPPE REYNOLD
- [A] US 4667119 A 19870519 - HOLMES ZEALY M [US]
- [A] US 2881292 A 19590407 - WINTER PAUL H, et al
- [A] US 2324798 A 19430720 - NORDBERG ERNST A

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 2524772 A2 20121121; **EP 2524772 A3 20130410**; AU 2012202799 A1 20121206; CA 2775850 A1 20121120; CN 102785220 A 20121121; DE 102011076158 A1 20121122; DE 102011076158 B4 20130103; JP 2012240195 A 20121210; TW 201304914 A 20130201; US 2012292365 A1 20121122

DOCDB simple family (application)

EP 12164519 A 20120418; AU 2012202799 A 20120511; CA 2775850 A 20120502; CN 201210149696 A 20120515; DE 102011076158 A 20110520; JP 2012106639 A 20120508; TW 101113737 A 20120418; US 201213473768 A 20120517