

Title (en)  
Fastener driving tool

Title (de)  
Eintreibvorrichtung

Title (fr)  
Outil d'enfoncement d'éléments de fixation

Publication  
**EP 2402119 B1 20160120 (DE)**

Application  
**EP 11166018 A 20110513**

Priority  
DE 102010030127 A 20100615

Abstract (en)  
[origin: EP2402119A2] The device has an energy-transfer element moving along a setting axis between starting and setting positions for transferring energy to a fastening element. A deceleration element (600) decelerates the energy-transfer element and comprises a stop element (610) made from metal i.e. steel. The stop element comprises a stop surface (620) for the energy-transfer element, and an impact-damping element (630) is made from elastomer, where mass of the damping element amounts to 15 percent of mass of the stop element. The damping element is connected with the stop element in a firmly-bonded manner.

IPC 8 full level  
**B25C 1/06** (2006.01)

CPC (source: EP KR US)  
**B25C 1/06** (2013.01 - EP KR US); **B25C 1/14** (2013.01 - EP US); **B25C 1/18** (2013.01 - KR); **B25C 7/00** (2013.01 - KR);  
**B25D 17/00** (2013.01 - KR)

Cited by  
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DE102021132912A1

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

DOCDB simple family (publication)  
**EP 2402119 A2 20120104; EP 2402119 A3 20130904; EP 2402119 B1 20160120**; AU 2011202816 A1 20120112; AU 2011202816 B2 20141120;  
CA 2742542 A1 20111215; CN 102284930 A 20111221; DE 102010030127 A1 20111215; ES 2566660 T3 20160414;  
JP 2012000761 A 20120105; JP 5872194 B2 20160301; KR 101828084 B1 20180209; KR 20110136725 A 20111221;  
RU 2011123860 A 20121220; RU 2568402 C2 20151120; TW 201201973 A 20120116; US 2011303729 A1 20111215; US 9937608 B2 20180410

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**EP 11166018 A 20110513**; AU 2011202816 A 20110614; CA 2742542 A 20110609; CN 201110157118 A 20110613;  
DE 102010030127 A 20100615; ES 11166018 T 20110513; JP 2011132731 A 20110614; KR 20110056850 A 20110613;  
RU 2011123860 A 20110614; TW 100116456 A 20110511; US 201113158663 A 20110613