

Title (en)  
HIGH INERTIA DRIVER SYSTEM

Title (de)  
TREIBERSYSTEM MIT HOHEM TRÄGHEITSMOMENT

Title (fr)  
SYSTÈME DE COMMANDE À HAUTE INERTIE

Publication  
**EP 3181294 A1 20170621 (EN)**

Application  
**EP 16194343 A 20161018**

Priority  
US 201562244143 P 20151020

Abstract (en)  
A high inertia driver system for a fastening tool having an electric motor that drives a flywheel to contact a driver blade to drive a fastener into a workpiece. The high inertia driver system also has a return system which prevents the unintentional driving of a second fastener. The return system uses a return spring that controls the recoil energy of the driver blade after driving a fastener into a workpiece. The system achieves a long operational life for the fastening tool by increasing the number of return cycles of the driver blade free of a return spring failure.

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

CPC (source: EP)  
**B25C 1/06** (2013.01)

Citation (search report)

- [I] US 2015096776 A1 20150409 - GARBER STUART E [US]
- [A] US 2011139478 A1 20110616 - BRENNENSTUHL JENS [DE], et al
- [A] US 2005218186 A1 20051006 - FORSTER MICHAEL [US]

Cited by  
EP4029653A1; US11707826B2

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)  
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