

Title (en)  
METHOD FOR OPERATING A POWER TOOL

Title (de)  
VERFAHREN ZUM BETREIBEN EINES ELEKTROWERKZEUGES

Title (fr)  
PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN OUTIL ÉLECTRIQUE

Publication  
**EP 3157711 B1 20201028 (DE)**

Application  
**EP 15719476 A 20150504**

Priority  
• DE 102014211891 A 20140620  
• EP 2015059679 W 20150504

Abstract (en)  
[origin: WO2015193022A1] The invention relates to a method for operating a power tool (10) for screwing a screw (61) into a workpiece (110). After the power tool is activated, an electric motor (20) is driven in order to screw the screw into the workpiece, wherein the rotational speed of the electric motor is ascertained while screwing the screw during a specified starting time of an impact operation (t2) of the power tool. After the starting time, a rotational speed of the electric motor is ascertained, and a torque of the electric motor is at least reduced (t5) if the ascertained rotational speed of the electric motor exceeds a specified rotational speed threshold.

IPC 8 full level  
**B25B 21/00** (2006.01); **B25B 21/02** (2006.01); **B25B 23/147** (2006.01)

CPC (source: CN EP US)  
**B25B 21/002** (2013.01 - CN EP US); **B25B 21/02** (2013.01 - CN EP US); **B25B 21/026** (2013.01 - US); **B25B 23/147** (2013.01 - US); **B25B 23/1475** (2013.01 - CN EP US); **B25B 23/14** (2013.01 - US); **B25F 5/001** (2013.01 - US); **B25F 5/02** (2013.01 - US)

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)  
**DE 102014211891 A1 20151224**; CN 107073692 A 20170818; CN 107073692 B 20200303; EP 3157711 A1 20170426; EP 3157711 B1 20201028; JP 2017517406 A 20170629; JP 6356344 B2 20180711; US 10293469 B2 20190521; US 2018200872 A1 20180719; WO 2015193022 A1 20151223

DOCDB simple family (application)  
**DE 102014211891 A 20140620**; CN 201580033336 A 20150504; EP 15719476 A 20150504; EP 2015059679 W 20150504; JP 2017517185 A 20150504; US 201515315442 A 20150504