

Title (en)
fastener driving tool

Title (de)
Eintreibvorrichtung

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

Publication
EP 2397269 A3 20130904 (DE)

Application
EP 11165988 A 20110513

Priority
DE 102010030080 A 20100615

Abstract (en)
[origin: EP2397269A2] The method involves driving a motor i.e. brushless direct current motor, with reduced rotation speed against load torque at time period, where the load torque is exerted from mechanical energy storage i.e. helical spring, of a drive device (10) to the motor. The rotation speed of the motor is reduced when energy is stored in the energy storage. The motor is driven with increased rotation speed against the load torque at another time period, where the former time period is longer than the latter period. Maximum load torque is larger than maximum torque, which is exerted by the motor. An independent claim is also included for a drive device for driving a fastening part into a substrate.

IPC 8 full level
B25C 1/06 (2006.01)

CPC (source: EP US)
B25C 1/06 (2013.01 - EP US)

Citation (search report)

- [X] EP 1935572 A1 20080625 - HILTI AG [LI]
- [X] DE 8807770 U1 19880818
- [X] DE 8807662 U1 19880804

Cited by
WO2021119702A1; AT523156A4; AT523156B1

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 2397269 A2 20111221; EP 2397269 A3 20130904; EP 2397269 B1 20140924; CN 102284931 A 20111221; CN 102284931 B 20160511; DE 102010030080 A1 20111215; ES 2522168 T3 20141113; JP 2012000753 A 20120105; JP 5781376 B2 20150924; TW 201143995 A 20111216; TW I607840 B 20171211; US 2011303725 A1 20111215

DOCDB simple family (application)
EP 11165988 A 20110513; CN 201110157121 A 20110613; DE 102010030080 A 20100615; ES 11165988 T 20110513; JP 2011132613 A 20110614; TW 100116451 A 20110511; US 201113158671 A 20110613