

Title (en)

METHOD FOR DRIVING AN ELECTRIC SCREWING DEVICE

Title (de)

VERFAHREN ZUM ANTREIBEN EINER ELEKTRISCHEN SCHRAUBVORRICHTUNG

Title (fr)

PROCEDE D'ENTRAINEMENT D'UN DISPOSITIF DE VISSAGE ELECTRIQUE

Publication

EP 1084010 B1 20021030 (DE)

Application

EP 99926490 A 19990531

Priority

- DE 19824495 A 19980602
- EP 9903772 W 19990531

Abstract (en)

[origin: DE19824495A1] The invention relates to a method for driving an electric screwing device during which a control device supplies electric current in the form of pulse signals to an electric motor. In addition, the motor generates a torque which turns a screwing tool with a rotational speed for driving a screw. In order to relieve a device operator from the burdensome support of the reaction moment as greatly as possible, the invention provides that the interpulse period between two pulse signals is determined in such a way that the rotational speed of the motor during the interpulse period is significantly reduced.

IPC 1-7

B25B 23/147; H02P 7/29

IPC 8 full level

B25B 21/00 (2006.01); **B25B 21/02** (2006.01); **B25B 23/147** (2006.01); **H02P 7/29** (2006.01)

CPC (source: EP)

B25B 21/00 (2013.01); **B25B 21/02** (2013.01)

Cited by

US11926023B2; WO2019201587A1; EP3781356B1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 19824495 A1 19991209; DE 59903258 D1 20021205; EP 1084010 A1 20010321; EP 1084010 B1 20021030; ES 2186364 T3 20030501; WO 9962675 A1 19991209; WO 9962675 B1 20010531

DOCDB simple family (application)

DE 19824495 A 19980602; DE 59903258 T 19990531; EP 9903772 W 19990531; EP 99926490 A 19990531; ES 99926490 T 19990531