

Title (en)

Torque tool with performance enhancer

Title (de)

Drehmomentwerkzeug mit Leistungsverstärker

Title (fr)

Outil à couple doté d'un amplificateur de puissance

Publication

EP 1837126 B1 20130828 (DE)

Application

EP 07102216 A 20070213

Priority

DE 102006013148 A 20060320

Abstract (en)

[origin: EP1837126A2] The tool (10) has a housing with a handle, and a head lever (22) for transferring a torque initiated in a workpiece. A measuring unit (50) is provided for electronic detection of the transferred torque. A measuring and control electronic circuit (52) is adapted to process seized torque. A trip switch (56) is controlled by the measuring and control electronic circuit for producing a torque with a desired value. A power and/or voltage amplifier (60) is adapted to amplify mechanical and/or electrical power or voltage for the trip switch.

IPC 8 full level

B25B 23/142 (2006.01)

CPC (source: EP US)

B25B 23/1425 (2013.01 - EP US); **B25B 23/1427** (2013.01 - EP US)

Cited by

WO2015036818A1; FR3010341A1; WO2014188256A1; TWI718933B; TWI600504B; TWI714473B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1837126 A2 20070926; EP 1837126 A3 20080827; EP 1837126 B1 20130828; CN 101041234 A 20070926; CN 101041234 B 20110615; DE 102006013148 A1 20070927; HK 1112210 A1 20080829; JP 2007253322 A 20071004; JP 5283852 B2 20130904; US 2007227316 A1 20071004; US 7878076 B2 20110201

DOCDB simple family (application)

EP 07102216 A 20070213; CN 200710088190 A 20070320; DE 102006013148 A 20060320; HK 08101161 A 20080130; JP 2007072863 A 20070320; US 72559007 A 20070319