

Title (en)

Torque wrench with a frictionally engaging control clutch

Title (de)

Drehmomentschlüssel mit einer reibschlüssigen Schaltkupplung

Title (fr)

Clé dynamométrique avec embrayage à liaison friction

Publication

EP 1297929 A3 20050323 (DE)

Application

EP 02014588 A 20020702

Priority

DE 20114707 U 20010906

Abstract (en)

[origin: EP1297929A2] Torque tool, especially a torque wrench (14), comprises a tool head (10) and a handle (12) fixed to the tool head so that it cannot rotate. The tool head has a device for transferring the torque from the tool head to a tool holder (18) positioned opposite the tool head so that it can rotate. The device consists of an exclusively friction-locking coupling (16). <??>Preferred Features: The coupling is tensioned by an elastic element consisting of at least one plate spring (20, 22). The torque transferred by the coupling can be adjusted.

IPC 1-7

B25B 23/142; **B25B 23/14**

IPC 8 full level

B25B 23/142 (2006.01); **B25B 23/157** (2006.01)

CPC (source: EP)

B25B 23/1422 (2013.01); **B25B 23/1427** (2013.01)

Citation (search report)

- [X] DE 691051 C 19400515 - KARL WOLFRAM
- [X] DE 2549153 A1 19770505 - ALTENLOH BRINCK & CO
- [X] US 2831383 A 19580422 - RIESS HANLEY L
- [X] DE 703205 C 19410304 - HANS JOACHIM SCHROEDER DR ING
- [X] US 2525379 A 19501010 - STEPHEN SMILANSKY

Cited by

CN100410022C

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

DE 20114707 U1 20011031; EP 1297929 A2 20030402; EP 1297929 A3 20050323

DOCDB simple family (application)

DE 20114707 U 20010906; EP 02014588 A 20020702