

Title (en)  
TORQUE WRENCH

Title (de)  
Drehmomentschlüssel

Title (fr)  
CLE DYNAMOMETRIQUE

Publication  
**EP 1038638 B1 20020828 (DE)**

Application  
**EP 00105397 A 20000321**

Priority  
DE 19912837 A 19990322

Abstract (en)  
[origin: EP1038638A1] A signal is transmitted by a wrench force sensor (42) and a workpiece identification device (36) generates an identification signal, both of these signals being sent to a control device (40). The wrench force signal is compared in the control device with at least one pre-determined or pre-determinable reference signal, and then based on the information from the wrench force and identification signals, the device generates a screw force control signal. An Independent claim is also included for the testing method using this wrench.

IPC 1-7  
**B25B 23/142**

IPC 8 full level  
**B25B 23/142** (2006.01); **B25B 23/151** (2006.01)

CPC (source: EP)  
**B25B 23/1425** (2013.01)

Cited by  
FR3010341A1; CN111745576A; FR2868721A1; EP1584415A1; FR3005884A1; FR2868722A1; FR2868723A1; EP1591206A3; US7313974B2; WO2008094615A1; WO2015036818A1; WO0230624A3; WO03041914A3; WO2014188256A1; US6668212B2; US7284451B2; US6968759B2; US6981436B2; US11828316B2

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**EP 1038638 A1 20000927; EP 1038638 B1 20020828**; AT E222840 T1 20020915; DE 19912837 A1 20001026; DE 19912837 C2 20010419; DE 50000402 D1 20021002; ES 2178619 T3 20030101

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