

Title (en)
Electromechanical torque wrench.

Title (de)
Elektromechanischer Drehmomentschlüssel.

Title (fr)
Clé dynamométrique électromécanique.

Publication
EP 0335809 A1 19891004 (FR)

Application
EP 89420110 A 19890329

Priority
FR 8804638 A 19880401

Abstract (en)
In this wrench, the end of the flexion bar, opposite to that which is integral with the socket head, is connected to the body 2 by a transverse spindle 12, but with the possibility of longitudinal translation while, on the one hand, the contact bearing 15a is produced by machining on a strip 15, inclined and spaced from the cursor to which it is linked by two pins 16 which, traversing a longitudinal opening 8 in the body 2 and bearing on it by nuts 17, constituting adjustment devices for adjusting the low and high points respectively of the measuring scale of the wrench, and while, on the other hand, the two electrical contacts 24-25 are disposed on the flexion bar 3 and in the zone of the latter which has the greatest deflection in flexion.
<IMAGE>

IPC 1-7
B25B 23/144

IPC 8 full level
B25B 23/142 (2006.01); **B25B 23/144** (2006.01)

CPC (source: EP)
B25B 23/1425 (2013.01); **B25B 23/1427** (2013.01)

Citation (search report)
• [AD] US 2250941 A 19410729 - ZIMMERMAN HERMAN W
• [A] US 2663209 A 19531222 - GUMMERE HAROLD O, et al
• [A] US 3763724 A 19731009 - GREEN T
• [A] DE 3026134 A1 19820204 - BAYERISCHE MOTOREN WERKE AG [DE]
• [A] US 2474247 A 19490628 - MARK HATTAN
• [A] US 2440683 A 19480504 - MARK HATTAN
• [AD] FR 2131018 A5 19721110 - SNAP ON TOOLS CORP
• [A] US 4561332 A 19851231 - WOOD HAROLD L [AU]

Cited by
EP0754528A1; FR2736858A1

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