

Title (en)
SOCKET WRENCH

Title (de)
STECKSCHLÜSSEL

Title (fr)
CLE A TUBE

Publication
EP 0934140 A1 19990811 (DE)

Application
EP 97944714 A 19970915

Priority
• DE 9702075 W 19970915
• DE 19644177 A 19961024

Abstract (en)
[origin: DE19644177A1] In socket wrenches for polygonal screw heads, a ball (16) that is located in a drillhole (13) in the wall of the wrench head (3), and is pressed elastically against the screw head by a clamping ring (7), is used to hold the screw head. In order to optimize the spring tension of the slit spring ring (7), it is proposed that the clamping ring (7) be fixed in its peripheral position so that the middle of its slit lies within the range of 40 DEG to 90 DEG , said angle being formed by the line (18) joining the center point of the screw head circumference with the midpoint of the ball, and the line (19) joining the center point of the screw head circumference with the middle of the clamping ring's slit (17).

IPC 1-7
B25B 23/10

IPC 8 full level
B25B 23/10 (2006.01)

CPC (source: EP)
B25B 23/108 (2013.01)

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See references of WO 9817440A1

Cited by
DE202008010206U1; US9956670B2; US10576611B2; US10688630B2; US11534895B2

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