

Title (en)  
Socket wrench.

Title (de)  
Schraubenschlüssel.

Title (fr)  
Clef à écrous.

Publication  
**EP 0457956 A2 19911127 (EN)**

Application  
**EP 90117758 A 19900914**

Priority  
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Abstract (en)  
A socket wrench capable of handling a great diversity of bolts and nuts is disclosed. The socket wrench includes an upper socket member (5') and a lower socket member (6') in a detachable form. The upper socket member (5') includes an outer socket (2') and a plurality of socket units (3, 4) while the lower socket member (6') also includes an outer socket (100) and a plurality of socket units (105). The socket units are installed in an axially slidable manner by providing an axially adjusting member (7), and therefore, a proper one can be selected from the plurality of socket units in order to loosen or tighten the bolt or nut. Further, an ordinary ratchet mechanism (8) is installed in order to set the rotational direction of the upper and lower socket members (5', 6'). <IMAGE>

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**B25B 13/46**; **B25B 13/10**

IPC 8 full level  
**B25B 13/02** (2006.01); **B25B 13/10** (2006.01); **B25B 13/46** (2006.01)

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