

Title (en)
Novel socket wrench assembly.

Title (de)
Schraubensteckschlüssel.

Title (fr)
Clé à douille.

Publication
EP 0122179 A2 19841017 (EN)

Application
EP 84400514 A 19840314

Priority
US 47536183 A 19830314

Abstract (en)
A handle member (12) terminates in an expandable yoke containing a fixed upper half (16) and an expandable lower half (18) for movement from an expanded open position for receiving a socket (24) to a closed position in driving engagement with the socket. A curved rib is formed transversely on the inner surface of each yoke half. A split ring-like nut driving socket (24) contains exterior ratchet teeth and a circular bore formed transversely through the socket with a recessed counter bore forming a circular guide channel received in rotational engagement with the curved ribs of the yoke halves (16, 18). The socket contains a curved head having lands which in combination define a polygonal wrench opening. A pawl mechanism (60) mounted on the wrench handle member is resiliently biased into engagement with the ratchet teeth.

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B25B 13/46; B25B 13/06

IPC 8 full level
B25B 13/46 (2006.01)

CPC (source: EP)
B25B 13/463 (2013.01)

Cited by
GB2446857A; GB2446857B; US8607671B2; WO2004091946A3

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