

Title (en)

Insert for a wrench

Title (de)

Einsatzwerkzeug für einen Schlüssel

Title (fr)

Insert pour une clef

Publication

**EP 1068930 A3 20011128 (DE)**

Application

**EP 00114372 A 20000705**

Priority

DE 19932353 A 19990710

Abstract (en)

[origin: EP1068930A2] The insert tool has an insert section (4) designed to fit into the opening (1) of the ring spanner (2) and then fixable secured against rotation. A tool section (3) is provided for transferring torque and fixing means fix the tool in the opening of the spanner. The insert section is defined by a collar (5). The tool can be fixed in the opening of the spanner by clamp fit produced by a spring-tensioned element.

IPC 1-7

**B25B 23/00**; **B25B 15/00**

IPC 8 full level

**B25B 15/00** (2006.01); **B25B 23/00** (2006.01)

CPC (source: EP)

**B25B 15/001** (2013.01); **B25B 15/008** (2013.01); **B25B 23/0035** (2013.01)

Citation (search report)

- [X] WO 9821010 A2 19980522 - BAKER RODNEY WILLIAM [NZ]
- [X] WO 9635552 A1 19961114 - MATRICBROOK PTY LTD [AU], et al
- [X] US 2800822 A 19570730 - ALLRED LURAN L
- [X] US 5295423 A 19940322 - MIKIC FRANK [US]
- [X] US 5499560 A 19960319 - AESCHLIMAN WILLIAM M [US]
- [A] US 4026605 A 19770531 - EMMERICH KENNETH C

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19932353 A1 20010111**; EP 1068930 A2 20010117; EP 1068930 A3 20011128

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**DE 19932353 A 19990710**; EP 00114372 A 20000705