

Title (en)

Fastening device with reversible ratchet

Title (de)

Schraubwerkzeug mit einem drehrichtungsumschaltbaren Ratschengetriebe

Title (fr)

Outil de vissage avec cliquet reversible

Publication

EP 1136187 A3 20031022 (DE)

Application

EP 01103137 A 20010210

Priority

DE 20003955 U 20000308

Abstract (en)

[origin: EP1136187A2] The spanner for threaded fasteners has a drive lug (1) extending through a base plate (2) on the drive chamber (6). The lug has a foot (3) which extends through the base plate and is connected to a notched disc which is engaged by locking detents (5). A hand grip (7) is a plastic injection moulding with the chamber formed integrally and having a rear pot shaped recess (8) to form a bearing surface.

IPC 1-7

B25B 13/46

IPC 8 full level

B25B 13/46 (2006.01)

CPC (source: EP)

B25B 13/463 (2013.01)

Citation (search report)

- [XA] US 5626061 A 19970506 - WHITLEY LOWELL B [US]
- [A] US 2803980 A 19570827 - VOGEL IRWIN R
- [A] EP 0437007 A1 19910717 - CHIRO TOOLS MFG CORP [TW]
- [A] US 6003413 A 19991221 - MACOR RICHARD J [US]

Cited by

EP2138274A3; CN117655966A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1136187 A2 20010926; EP 1136187 A3 20031022; EP 1136187 B1 20081022; AT E411875 T1 20081115; DE 20003955 U1 20000803; DE 50114437 D1 20081204; ES 2316406 T3 20090416

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