

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

DOCDB simple family (application)

**EP 01103137 A 20010210**; AT 01103137 T 20010210; DE 20003955 U 20000308; DE 50114437 T 20010210; ES 01103137 T 20010210