

Title (en)

Handle for an electrically insulated ratcheting screwdriver and screwdriver with interchangeable axial shafts comprising such a handle

Title (de)

Griff für einen elektrisch isolierten Ratschenschrauber und Schrauber mit austauschbarem axialen Schaft mit einem solchen Griff

Title (fr)

Manche pour un tournevis à cliqué électriquement isolé et tournevis avec un tel manche avec tige échangeable

Publication

EP 2623266 A1 20130807 (EN)

Application

EP 12382040 A 20120202

Priority

EP 12382040 A 20120202

Abstract (en)

A handle for an electrically insulating ratcheting screwdriver, capable of releasably holding an axial shaft (2) insertable into the handle (1), comprising a handle body (3) of a first electrically insulating material, a sleeve member (4) fixedly fitted within an axial hollow (3c) of the sleeve member (3), retaining means for releasably retaining a rearward portion (2c) of the axial shaft (2) within an axial passage (4c) of the sleeve member (4), and a ratchet mechanism comprising a toothed sleeve (6), at least one pawl member (8) and a switch member (3) mounted a first handle end portion, wherein the handle (1) comprises pushbutton-operated retaining means for releasably retaining the rearward portion (2c) of the axial shaft (2) within the axial passage (4c) of the sleeve member (4) and releasing the rearward portion (2c) by actuating a pushbutton located at a second handle end portion; the outer wall surface (4f) of the sleeve member (4) comprises at least one annular channel (4g, 4h); the handle body (3) comprises radial throughholes (3e) communicating with the annular channel (4g, 4h); the handle body (3) is at least radially wrapped by a jacket (10) of elastomeric material injected over the handle body (3); and the jacket (10) comprises an enveloping portion (10a) enveloping the handle body (3), a filling portion (10b) filling said annular channel (4g, 4h), and connecting portions (10c) extending through said radial throughholes (3e).

IPC 8 full level

B25B 15/04 (2006.01); **B25B 23/00** (2006.01); **B25G 1/12** (2006.01)

CPC (source: EP)

B25B 15/04 (2013.01); **B25B 23/0042** (2013.01); **B25G 1/125** (2013.01)

Citation (applicant)

US 7287448 B2 20071030 - HU BOBBY [TW]

Citation (search report)

- [A] US 7287448 B2 20071030 - HU BOBBY [TW]
- [A] EP 0978355 A2 20000209 - STANLEY WORKS LTD [GB]
- [A] US 2010229693 A1 20100916 - CHEN KUN-CHEN [TW]
- [A] DE 202010012971 U1 20110331 - SENHA ENTPR CO LTD [TW]
- [A] US 2009095138 A1 20090416 - LIN JACK [TW]
- [A] US 2007290399 A1 20071220 - EASTER KEITH A [US], et al
- [A] EP 1752256 A1 20070214 - HOLLAND LETZ FELO WERKZEUG [DE]
- [A] US 2010294091 A1 20101125 - CHEN CHENG-CHI [TW]
- [A] DE 102005012729 A1 20060921 - WERNER HERMANN WERA WERKE [DE]

Cited by

CN103522245A; WO2023232639A1; WO2020226661A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2623266 A1 20130807; EP 2623266 B1 20141231; ES 2531001 T3 20150309

DOCDB simple family (application)

EP 12382040 A 20120202; ES 12382040 T 20120202