

Title (en)

Work tool comprising a head and a handle, and assembling method thereof

Title (de)

Werkzeug mit Arbeitskopf und Griff sowie sein Zusammenbauverfahren

Title (fr)

Outil comprenant tête et manche et sa méthode d'assemblage

Publication

EP 1782926 A3 20101229 (EN)

Application

EP 06123488 A 20061103

Priority

IT TO20050785 A 20051108

Abstract (en)

[origin: EP1782926A2] The present invention relates to a work tool (1) comprising a head (10) and a handle (20), wherein the head (10) is preferably made of a non-deformable material and has a hole (11). The invention is characterized in that said handle (20) comprises: - a core (30) having a first end (31), a second end (32) and an intermediate body (33), and - a sleeve (40) having a first portion (41), a second portion (42) and an intermediate portion (43), said sleeve (40) being adapted to secure said core (30), in particular said second end (32), in said hole (11) by interference.

IPC 8 full level

B25G 3/04 (2006.01); **B25D 17/04** (2006.01); **B25G 3/20** (2006.01)

CPC (source: EP)

B25D 1/12 (2013.01); **B25G 3/04** (2013.01); **B25G 3/20** (2013.01)

Citation (search report)

- [X] US 4352381 A 19821005 - PROVI MICHAEL A
- [X] DE 2336129 A1 19750206 - NUPLA CORP
- [XYI] US 4139930 A 19790220 - COX CHARLES T
- [X] GB 846702 A 19600831 - WRIGHT HOWARD CLAYTON LTD
- [X] US 6477922 B1 20021112 - BURNETT JOHN A [US]
- [XY] US 1547075 A 19250721 - SMITHER RICHARD E
- [XY] US 5056381 A 19911015 - CARMEIN JOSEPH A [US]
- [XYI] FR 1064418 A 19540513
- [XY] DE 830030 C 19520131 - HERMANN BAUER
- [YA] US 4287640 A 19810908 - KEATHLEY BOB N
- [Y] US 5259274 A 19931109 - HREHA KENNETH W [US]
- [YA] US 4291998 A 19810929 - SANTOS GERARD R

Cited by

EP2517837A3; EP2749379A1; AU2016259325B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1782926 A2 20070509; EP 1782926 A3 20101229; IT TO20050785 A1 20070509

DOCDB simple family (application)

EP 06123488 A 20061103; IT TO20050785 A 20051108