

Title (en)

Handle for hand tools with interchangeable heads

Title (de)

Griff für Handwerkzeuge mit auswechselbaren Kopfstücken

Title (fr)

Poignée pour outils manuels à têtes interchangeables

Publication

EP 1818142 A2 20070815 (EN)

Application

EP 07250498 A 20070207

Priority

ES 200600287 A 20060208

Abstract (en)

A handle is provided for hand tools with interchangeable heads. The handle has a tube (1) which has a cross-section with which is defined by a curved triangle which has one of its vertices in the lower position, and which is delimited by curvo-convex sides (2) which are connected by rounded edges (3). The tube (1), in its front opening, receives inside it a locking element (4) whose cross-section is the same as that of the said tube (1) and is adjusted by sliding it with respect to the inside of the tube. The tube (1), in addition to the channel (5) for inserting the flat rod (6) and the smooth shank of the interchangeable head, has on its upper face a vertical blind cavity (7) which, on its front wall, communicates with the said insertion channel (5), and in which a locking piece, or immobiliser (8), moves with vertical displacement, which immobiliser is mounted against a spring (9) which causes it to adopt an upper position in which a suitable tooth (10) is housed across a window (11) of the said flat rod (6) of the interchangeable head. The immobiliser (8) is capable of adopting a lower position, against the said spring (9), in which the said tooth (10) is outside the said window of the flat rod (6), and wherein the immobiliser (8) faces at the top an opening (12) of the said tube.

IPC 8 full level

B25G 1/10 (2006.01); **B25F 1/02** (2006.01); **B25G 3/18** (2006.01); **B25G 3/26** (2006.01)

CPC (source: EP ES)

B25F 1/02 (2013.01 - EP); **B25G 3/18** (2013.01 - EP ES)

Citation (applicant)

- EP 0057916 A2 19820818 - WOLF GERAETE GMBH [DE]
- US 6055733 A 20000502 - CHEN YIH-LONG [TW]
- US 5168693 A 19921208 - INGVARSDSEN SOREN [DK]
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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

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EP 1818142 A2 20070815; **EP 1818142 A3 20100113**; ES 2301332 A1 20080616; ES 2301332 B1 20090401

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