

Title (en)
Device for fastening a handle to a tool

Title (de)
Befestigungsvorrichtung zur Anbringung eines Stiels an einem Werkzeug

Title (fr)
Dispositif de fixation d'un manche à un outil

Publication
EP 1127661 A1 20010829 (DE)

Application
EP 00101844 A 20000131

Priority
EP 00101844 A 20000131

Abstract (en)
[origin: US2001016966A1] A device for securing a handle on a tool and including inner member having a first end to be fixedly connected with the handle, a second end formed as an expansion cone to be releasably connected with the tool, and an outer thread provided between the first and second end, a securing element surrounding the expansion cone and displaceable along the cone, and an adjusting sleeve surrounding the inner member, engageable in the securing element, and having an inner thread cooperating with the outer thread provided on the inner member for enabling displacement of the securing means relative to the inner member upon rotation of the adjusting sleeve, with the adjusting sleeve having, at its handle end, a thread-free cover section forming with an outer circumference of the inner member an annular clearance, which provides for securing handles having different diameters, and with the device further including drain channels communicating with the annular clearance.

Abstract (de)
Befestigungsvorrichtung (1) zur Anbringung eines Stiels (3) an einem Werkzeug, mit einem starr mit dem Stiel und lösbar mit dem Werkzeug verbindbaren Innenteil (5), einem das Innenteil umgreifenden und diesem gegenüber axial verschieblichen Befestigungsmittel (7.1, 7.2) und einer im Gewindeeingriff mit dem Innenteil (5) stehenden Verstellhülse (9) zur Umsetzung einer Drehbewegung in eine axiale Verschiebung der Befestigungsmittel (7.1, 7.2), wobei zwischen der Verstellhülse (9) und dem Innenteil (5) an dessen stielseitigen Ende ein Ringspalt (27) gebildet ist, dem Wasserablaufkanäle oder -öffnungen (15, 29) zugeordnet sind. <IMAGE>

IPC 1-7
B25G 3/28

IPC 8 full level
B25G 3/28 (2006.01)

CPC (source: EP US)
B25G 3/28 (2013.01 - EP US); **Y10T 403/7064** (2015.01 - EP US); **Y10T 403/76** (2015.01 - EP US)

Citation (search report)

- [DA] DE 29603433 U1 19970626 - BICKEL MANFRED [ES]
- [DA] DE 7629578 U1 19770120

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1127661 A1 20010829; EP 1127661 B1 20030402; AT E235993 T1 20030415; DE 50001605 D1 20030508; ES 2195810 T3 20031216; US 2001016966 A1 20010830; US 6461075 B2 20021008

DOCDB simple family (application)
EP 00101844 A 20000131; AT 00101844 T 20000131; DE 50001605 T 20000131; ES 00101844 T 20000131; US 76969801 A 20010125