

Title (en)
Grip fixation

Title (de)
Griffbefestigung

Title (fr)
Fixation de poignée

Publication
EP 1775076 A1 20070418 (DE)

Application
EP 06020490 A 20060928

Priority
DE 102005048867 A 20051012

Abstract (en)
The handle fixing system for shears (10) has conical tangs (12) on the tool side with an insertion body fitting in an axial insertion hole on the side of the handles (14), including an axial recess for the tangs. The insertion body has at least one radial window connected to the recess to guide a spreading element, which can be pressed against the conical surface of the hole wall when the tangs are inserted.

IPC 8 full level
B25G 3/28 (2006.01); **B25G 3/18** (2006.01)

CPC (source: EP)
B25G 3/24 (2013.01); **B25G 3/28** (2013.01)

Citation (search report)
• [A] DE 20107381 U1 20010705 - HO CHENG GARDEN TOOLS CO [TW]
• [A] EP 0901886 A2 19990317 - DART IND INC [US]
• [A] US 5483747 A 19960116 - THOMPSON ALEX [US], et al
• [A] FR 2712522 A1 19950524 - MAX S LEADMAX IND CORP [TW]

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ITMI20121950A1

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 YU

DOCDB simple family (publication)
EP 1775076 A1 20070418; EP 1775076 B1 20090701; AT E435097 T1 20090715; DE 102005048867 A1 20070419;
DE 502006004113 D1 20090813; ES 2329397 T3 20091125; PT 1775076 E 20091006

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ES 06020490 T 20060928; PT 06020490 T 20060928