Title (en)
Tool handle self-contained a set of head tips

Title (de)
Werkzeuggriff mit eingeschlossenen Werkzeugspitzen

Title (fr)
Poignée d'outil contenant un set de têtes d'outil

Publication
EP 1632316 A1 20060308 (EN)

Application
EP 05003007 A 20050212

Priority
CN 200420093069 U 20040906

Abstract (en)
A tool handle self-contained a set of head tips comprises a handle main body (1), a set of head tips (2), a fixing seat (3) and a stop member (4). The handle main body has on its bottom a fixing hole (31), and has a receiving groove (11) on a lateral side thereof. The head-tip set includes a base (21), a protruding column (22) raised from the base and some holding areas (23) on the base; the protruding column has on its upper end a stepped portion (24); the holding areas each holds and fixes a head tip (5); when the head-tip set assembled with the receiving groove, the bottom of the base is flush with a lateral side of the handle main body, and the top surface of the protruding column forms at a hole of the receiving groove a pressing area for pressing to push out the head-tip set. A head tip can be fixed on the bottom of handle main body for use as a screwdriver. The fixing seat is fixed in the engaging socket on the bottom of the handle main body; the stop member (4) can be extended through the slot to make firm of the connecting of the fixing seat with the handle main body and a head tip with the fixing hole.

IPC 8 full level
B25G 1/08 (2006.01); **B25B 23/16** (2006.01)

CPC (source: EP)
B25G 1/085 (2013.01)

Citation (search report)
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DE102009005786A1; DE102009005786B4

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1632316 A1 20060308; **EP 1632316 B1 20070404**; AT E358557 T1 20070415; CN 2736120 Y 20051026; DE 602005000807 D1 20070516

DOCDB simple family (application)
EP 05003007 A 20050212; AT 05003007 T 20050212; CN 200420093069 U 20040906; DE 602005000807 T 20050212