

Title (en)
Multi-function tool

Title (de)
Mehrzweckgerät

Title (fr)
Outil à multifunction

Publication
EP 0841125 A1 19980513 (EN)

Application
EP 96308114 A 19961108

Priority
EP 96308114 A 19961108

Abstract (en)
A multi-function tool includes a rod (10) with one end thereof received in a handle (20). The other end of the rod (10) has a first recess (11) defined therein for receiving a bit, a ratchet member or the like therein, the handle (20) having a second recess (21) for receiving a telescopic element (30) therein which has a magnetic element (31) disposed to a distal end thereof, a cap element (32) removably received in the second recess (21) when the telescope element (30) is totally received in the second recess (21), a ring element (40) slidably mounted to the rod (10) and a plurality of recesses (42) defined in the ring element (40). <IMAGE>

IPC 1-7
B25F 1/02; **B25G 1/08**; **B25G 1/04**; **B25B 9/00**; **B25B 11/00**

IPC 8 full level
B25B 9/00 (2006.01); **B25B 13/46** (2006.01); **B25B 15/00** (2006.01); **B25F 1/02** (2006.01); **B25G 1/04** (2006.01); **B25G 1/08** (2006.01)

CPC (source: EP)
B25B 9/00 (2013.01); **B25B 13/461** (2013.01); **B25B 15/00** (2013.01); **B25F 1/02** (2013.01); **B25G 1/043** (2013.01); **B25G 1/085** (2013.01)

Citation (search report)
• [A] US 5086674 A 19920211 - HER JERN-SHONG [TW]
• [A] US 4105239 A 19780808 - AKCZINSKI SR JOSEPH J
• [A] FR 1363318 A 19640612
• [A] US 5381319 A 19950110 - SHIAO HSUAN-SEN [TW]
• [A] US 5245721 A 19930921 - LOWE JOSEPH T [US], et al
• [A] US 4960016 A 19901002 - SEALS ROBERT L [US]
• [A] US 4774736 A 19881004 - BRAWNER WILLIAM H [US], et al
• [A] DE 29501865 U1 19950316 - HUANG CHEN NIU [TW]

Cited by
EP1331065A3; FR2801237A1; JP2008062331A; US7114824B2; WO0103890A1; WO2005108012A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0841125 A1 19980513

DOCDB simple family (application)
EP 96308114 A 19961108