

Title (en)
Ratchet box with set-up function

Title (de)
Knarrenkasten mit Aufstellfunktion

Title (fr)
Coffret de clés à douille déployable

Publication
EP 2412494 A3 20140226 (DE)

Application
EP 11173519 A 20110712

Priority
DE 102010032925 A 20100730

Abstract (en)
[origin: EP2412494A2] The tool box (1) comprises two well-shaped, rectangular housing portions (7,8), which have a front side (9), a rear side (11), and two longitudinal sides (10). The longitudinal sides are formed longer than the rear side and the front side. The housing portions are pivotally coupled with each other in the area of the rear side swiveling around a swivel axis (12). A swiveling element (14) is provided, which is arranged between the housing portions on the swivel axis.

IPC 8 full level
B25H 3/02 (2006.01); **B25H 3/00** (2006.01)

CPC (source: EP)
B25H 3/003 (2013.01); **B25H 3/02** (2013.01)

Citation (search report)
• [XY] DE 102008037009 A1 20100211 - LAI CHIN-TSAI [TW]
• [XY] US 2008011634 A1 20080117 - LIN HUNG-LIN [TW]
• [Y] CN 200948588 Y 20070919 - MERIDIAN INT CO LTD [CN]
• [Y] US 2006226042 A1 20061012 - SEYMOUR DANIEL R [US], et al
• [Y] DE 20119665 U1 20020214 - CHEN CHANG YING [TW]
• [Y] US 2008060967 A1 20080313 - CHANG MING-CHI [TW]
• [Y] DE 10359266 A1 20040722 - IRWIN IND TOOL CO [US]
• [A] US 2008041746 A1 20080221 - HSIAO FU-JUI [TW]

Cited by
CN108106841A; EP3398727A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2412494 A2 20120201; EP 2412494 A3 20140226; EP 2412494 B1 20160106; CN 102343582 A 20120208; CN 102343582 B 20150701;
DE 102010032925 A1 20120202; ES 2561852 T3 20160301; TW 201219172 A 20120516; TW I505920 B 20151101

DOCDB simple family (application)
EP 11173519 A 20110712; CN 201110214660 A 20110729; DE 102010032925 A 20100730; ES 11173519 T 20110712;
TW 100127112 A 20110729