

Title (en)
SELF-OPENING TOOL

Title (de)
SELBSTÖFFNENDES HANDWERKZEUG

Title (fr)
OUTIL À MAIN À OUVERTURE AUTOMATIQUE

Publication
EP 2007553 A1 20081231 (DE)

Application
EP 07728133 A 20070416

Priority
• EP 2007053668 W 20070416
• DE 202006006159 U 20060418
• DE 102006050133 A 20061025

Abstract (en)
[origin: DE102006050133A1] The tool has tool halves (2, 3) that cross over each other at a joint (4), where one of the halves forms a jaw (5) and a handle (6) on corresponding sides of the joint. The handle has a spring (8) made of elastically deformable rubber or plastic material. The spring comes into contact with the handle depending on inclination of the handle and generation of appropriate restoring force in an operating position of the spring. The handle is accommodated in a handle case, and the spring is supported on the handle in a for-fit manner to maintain the operating position or non-operating position.

IPC 8 full level
B25B 7/18 (2006.01)

CPC (source: EP US)
B25B 7/18 (2013.01 - EP US); **B26B 13/16** (2013.01 - EP US); **B26B 17/00** (2013.01 - EP US)

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2009293686 A1 20091203; US 7975577 B2 20110712; AT E468943 T1 20100615; CN 101479076 A 20090708; CN 101479076 B 20120704; DE 102006050133 A1 20071031; DE 202006006159 U1 20060706; DE 502007003943 D1 20100708; EP 2007553 A1 20081231; EP 2007553 B1 20100526; ES 2346804 T3 20101020; WO 2007118868 A1 20071025

DOCDB simple family (application)
US 22607407 A 20070416; AT 07728133 T 20070416; CN 200780022827 A 20070416; DE 102006050133 A 20061025; DE 202006006159 U 20060418; DE 502007003943 T 20070416; EP 07728133 A 20070416; EP 2007053668 W 20070416; ES 07728133 T 20070416