

Title (en)
GRIPPING AND SCREWING BIT INTENDED TO EQUIP A SCREWING DEVICE

Title (de)
GREIF- UND SCHRAUBEINSATZ FÜR EINE SCHRAUBVORRICHTUNG

Title (fr)
EMBOUT DE PREHENSION ET DE VISSAGE DESTINE A EQUIPER UN APPAREIL DE VISSAGE

Publication
EP 2265411 A1 20101229 (FR)

Application
EP 09728518 A 20090226

Priority
• FR 2009000219 W 20090226
• FR 0801371 A 20080313

Abstract (en)
[origin: WO2009122025A1] The gripping and screwing bit according to the invention comprises a sleeve (10), a gripping mechanism (14) which can move inside said sleeve (10), this mechanism comprising two jaws (15, 16) which can move translationally with respect to one another in a radial plane, conversion means designed to translate the two jaws (15, 16) radially following an axial movement of the gripping mechanism (14) so as to change from an open position, in which the two jaws (15, 16) are separated from one another and extend outside the sleeve (10), to a closed position in which the two jaws (15, 16) are retracted and are returned inside the sleeve (10). Structures formed at the end of the jaws (15, 16) allow the head (1) of the screw to be gripped by its peripheral edge, with said head (1) and said jaws (15, 16) being secured against relative rotation, by means of shape complementarity.

IPC 8 full level
B25B 13/44 (2006.01); **B25B 23/10** (2006.01)

CPC (source: EP)
B25B 13/44 (2013.01); **B25B 23/10** (2013.01)

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
FR 2928574 A1 20090918; FR 2928574 B1 20120309; AT E514529 T1 20110715; EP 2265411 A1 20101229; EP 2265411 B1 20110629; ES 2369067 T3 20111125; PL 2265411 T3 20120330; WO 2009122025 A1 20091008

DOCDB simple family (application)
FR 0801371 A 20080313; AT 09728518 T 20090226; EP 09728518 A 20090226; ES 09728518 T 20090226; FR 2009000219 W 20090226; PL 09728518 T 20090226