

Title (en)

MULTIFUNCTIONAL TOOL AND RAPID REPLACEMENT STRUCTURE THEREOF

Title (de)

MULTIFUNKTIONSWERKZEUG UND SCHNELLE ERSATZSTRUKTUR DAFÜR

Title (fr)

OUTIL MULTIFONCTIONNEL ET STRUCTURE DE REMPLACEMENT RAPIDE ASSOCIÉE

Publication

EP 3272465 A4 20181212 (EN)

Application

EP 15885084 A 20150413

Priority

- CN 201510120755 A 20150319
- CN 2015076389 W 20150413

Abstract (en)

[origin: EP3272465A1] A multifunctional tool and a rapid replacement structure thereof, comprise an output shaft assembly. An elastic chuck (16) capable of moving axially is arranged in the output shaft assembly. A locking shaft (10) is arranged in the elastic chuck (16) and driven by an elastic assembly to move axially in the elastic chuck (16), thus expansion opening and closing of the elastic chuck (16) are achieved. The present invention controls the axial sliding of the output shaft assembly and the locking shaft assembly by rotating a knob at the head of the machine, thus the saw web is controlled to be loosened or clamped and the rapid replacement function is achieved.

IPC 8 full level

B25F 3/00 (2006.01); **B25F 5/00** (2006.01)

CPC (source: CN EP)

B25F 3/00 (2013.01 - CN EP); **B25F 5/00** (2013.01 - CN EP)

Citation (search report)

- [A] DE 102012007924 A1 20131017 - FEIN C & E GMBH [DE]
- [A] US 2014183828 A1 20140703 - XU GUOSHENG [CN], et al
- [A] DE 102012004458 A1 20130912 - BOSCH GMBH ROBERT [DE]
- [A] DE 202013006901 U1 20141103 - FEIN C & E GMBH [DE], et al
- See references of WO 2016145701A1

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

DOCDB simple family (publication)

EP 3272465 A1 20180124; EP 3272465 A4 20181212; EP 3272465 B1 20200226; CN 104708606 A 20150617; CN 104708606 B 20160518; WO 2016145701 A1 20160922

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