

Title (en)
TOOL-COUPLING DEVICE

Title (de)
WERKZEUGKOPPLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE RACCORDEMENT D'OUTIL

Publication
EP 2866987 A1 20150506 (DE)

Application
EP 13722447 A 20130514

Priority
• DE 102012211096 A 20120628
• EP 2013059930 W 20130514

Abstract (en)
[origin: WO2014000950A1] The invention concerns a tool-coupling device for holding a machine tool cutting device, in particular a machine tool cutting device designed as a closed system, having at least one cutting train clamping unit (14a; 14b; 14c; 14d; 14e; 14f; 14g) for generating a cutting train clamping force and having at least one tool-holding unit (16a; 16b; 16c; 16d; 16e; 16f; 16g) comprising at least one movably mounted tool-holder element (18a; 18b; 18c; 18d; 18e; 18f; 18g). According to the invention, the tool-coupling device comprises at least one movement-coupling unit (20a; 20b; 20c; 20d; 20e; 20f; 20g) by means of which the tool-holder element (18a; 18b; 18c; 18d; 18e; 18f; 18g) can be coupled with a clamping element (22a; 22b; 22c; 22d; 22e; 22f; 22g) for a movement of the clamping element (22a; 22b; 22c; 22d; 22e; 22f; 22g) of the cutting train clamping unit (14a; 14b; 14c; 14d; 14e; 14f; 14g).

IPC 8 full level
B27B 17/14 (2006.01)

CPC (source: CN EP US)
B27B 17/02 (2013.01 - US); **B27B 17/14** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2014000950A1

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)
WO 2014000950 A1 20140103; CN 104411471 A 20150311; CN 104411471 B 20171219; DE 102012211096 A1 20140116; EP 2866987 A1 20150506; EP 2866987 B1 20200401; US 2015290830 A1 20151015; US 9701037 B2 20170711

DOCDB simple family (application)
EP 2013059930 W 20130514; CN 201380034086 A 20130514; DE 102012211096 A 20120628; EP 13722447 A 20130514; US 201314409040 A 20130514