

(12) International Application Status Report

Received at International Bureau: 07 September 2018 (07.09.2018)

Information valid as of: 20 February 2019 (20.02.2019)

Report generated on: 19 July 2019 (19.07.2019)

(10) Publication number:

WO2019/052853

(43) Publication date:

21 March 2019 (21.03.2019)

(26) Publication language:

German (DE)

(21) Application Number:

PCT/EP2018/073729

(22) Filing Date:

04 September 2018 (04.09.2018)

(25) Filing language:

German (DE)

(31) Priority number(s):

17191215.7 (EP)

(31) Priority date(s):

14 September 2017 (14.09.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

B23Q 1/48 (2006.01); **B23B 29/034** (2006.01); **B23Q 3/12** (2006.01); **B23B 29/02** (2006.01); **B23Q 3/155** (2006.01)

(71) Applicant(s):

AFW HOLDING GMBH [AT/AT]; Kirchham 29 4656 Kirchham (AT) *(for all designated states)*

(72) Inventor(s):

WEINGÄRTNER, Dominik; Kaiblingstraße 12 4643 Pettenbach (AT)

(74) Agent(s):

HAFNER & KOHL; Schleiermacherstr. 25 90491 Nürnberg (DE)

(54) Title (EN): MACHINING HEAD FOR THE MECHANICAL, IN PARTICULAR CUTTING, MACHINING OF A WORKPIECE

(54) Title (FR): TÊTE D'USINAGE DESTINÉE À L'USINAGE MÉCANIQUE, EN PARTICULIER PAR ENLÈVEMENT DE COPEAUX, D'UNE PIÈCE

(54) Title (DE): BEARBEITUNGSKOPF ZUR MECHANISCHEN, INSBESONDERE SPANENDEN, BEARBEITUNG EINES WERKSTÜCKS

(57) Abstract:

(EN): The invention relates to a machining head (1) for the mechanical, in particular cutting, machining, in particular for the actuation, of a workpiece (2), comprising: - a housing (4), - a housing-side coupling region (8) for coupling a machining tool (5) to be coupled to the machining head (1), wherein the housing-side coupling region (8) comprises at least one coupling interface (9) for directly coupling a machining tool (5) to be coupled to the machining head (1).

(FR): L'invention concerne une tête d'usinage (1) destinée à l'usinage mécanique, en particulier par enlèvement de copeaux, en particulier à l'usinage intérieur, d'une pièce (2), comportant : - un corps (4), - une zone d'accouplement (8) côté corps permettant l'accouplement d'un outil d'usinage (5) destiné à être accouplé à la tête d'usinage (1), la zone d'accouplement (8) côté corps comprenant au moins une interface d'accouplement (9) permettant l'accouplement direct d'un outil d'usinage (5) destiné à être accouplé à la tête d'usinage (1).

(DE): Bearbeitungskopf (1) zur mechanischen, insbesondere spanenden, Bearbeitung, insbesondere zur Aussteuerung, eines Werkstücks (2), umfassend: - ein Gehäuse (4), - einen gehäuseseitigen Kopplungsbereich (8) zur Ankopplung eines an dem Bearbeitungskopf (1) anzukoppelnden Bearbeitungswerkzeugs (5), wobei der gehäuseseitige Kopplungsbereich (8) wenigstens eine Kopplungsschnittstelle (9) zur direkten Ankopplung eines an dem Bearbeitungskopf (1) anzukoppelnden Bearbeitungswerkzeugs (5) umfasst.

International search report:

Received at International Bureau: 28 November 2018 (28.11.2018) [EP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM

Declarations:

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America