

(12) International Application Status Report

Received at International Bureau: 30 August 2018 (30.08.2018)

Information valid as of: 18 February 2019 (18.02.2019)

Report generated on: 17 January 2020 (17.01.2020)

(10) Publication number:

WO2019/043618

(43) Publication date:

07 March 2019 (07.03.2019)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/IB2018/056635

(22) Filing Date:

30 August 2018 (30.08.2018)

(25) Filing language:

Italian (IT)

(31) Priority number(s):

102017000097984 (IT)

(31) Priority date(s):

31 August 2017 (31.08.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

B24B 45/00 (2006.01); **B24D 13/20** (2006.01); **B24B 29/04** (2006.01)

(71) Applicant(s):

SURFACES TECHNOLOGICAL ABRASIVES S.P.A. [IT/IT]; Via A. De Gasperi, 6/8 24069 Cenate Sotto (BG) (IT) (*for all designated states*)

(72) Inventor(s):

SOLI, Giuseppe; Via Monte Sabotino, 5 41124 FormiginE (MO) (IT)
RICCIOLINI, Werner; Via Franchi, 23 36064 Mason Vicentino (VI) (IT)

(74) Agent(s):

RONCUZZI, Davide; Via Antica Zecca, 6 48121 Ravenna (IT)

(54) Title (EN): METHOD FOR FASTENING A ROTARY ABRASIVE TOOL TO A SPINDLE AND FASTENING DEVICE THEREOF

(54) Title (FR): PROCÉDÉ PERMETTANT LA FIXATION D'UN OUTIL ABRASIF ROTATIF SUR UNE BROCHE ET DISPOSITIF DE FIXATION ASSOCIÉ

(57) Abstract:

(EN): A rotary tool (1) having a base (10) to which an abrasive body (20) is rigidly coupled; an adapter (30) being arranged to connect the base (10) to a spindle (M) rotating around a pivot axis (A) of a tool machine (MY); the base (10) has an annular edge (12) that protrudes outwards in respect to the abrasive body (20); coupling means (40) designed to connect the abrasive body (20) to the adapter (30) through the annular edge (12).

(FR): L'invention concerne un outil rotatif (1) présentant une base (10) à laquelle un corps abrasif (20) est solidarisé; un adaptateur (30) étant agencé pour relier la base (10) à une broche (M) tournant autour d'un axe de pivot (A) d'une machine-outil (MY); la base (10) présentant un bord annulaire (12) qui fait saillie vers l'extérieur par rapport au corps abrasif (20); des moyens d'accouplement (40) étant conçus pour relier le corps abrasif (20) à l'adaptateur (30) à travers le bord annulaire (12).

International search report:

Received at International Bureau: 19 November 2018 (19.11.2018) [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