



- (51) International Patent Classification:
B24C 5/06 (2006.01)
- (21) International Application Number:
PCT/US2012/031871
- (22) International Filing Date:
2 April 2012 (02.04.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/470,892 1 April 2011 (01.04.2011) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (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), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

- (88) Date of publication of the international search report:
1 May 2014

(54) Title: CENTERING PLATE FOR CENTRIFUGAL BLASTING WHEEL

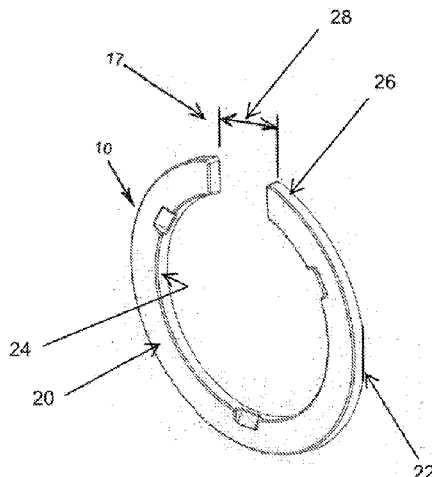


FIG. 1

(57) Abstract: A method and apparatus for inserting blades into a centrifugal blasting wheel to install blades without injury to fingers or hands. The apparatus uses a rotatable blade retainer with a blade guide slot that allows each blade to be installed through the blade guide slot while other installed blades are supported by the outer surface of the rotatable blade retainer. Once all blades are safely installed, the center section of the centering plate is inserted to cover the rotatable blade retainer.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 12/31871

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - B24C 5/06 (2012.01) USPC - 451/95 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) USPC: 451/95 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 451/38, 75, 86, 91, 94, 95, 97, 98 (text search - see terms below) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST(USPT,PGPB,EPAB,JPAB); Google Search Terms: throwing, blast, shotblast, wheel, rotate, rotating, retainer, ring, replace, blade, vane, insert, cover		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,888,125 A (KUEHN) 30 March 1999 (30.03.1999), entire document especially Fig 1; col 2, ln 60-col 3, ln 14	1-7
Y	US 5,476,412 A (STOLTZ) 19 December 1995 (19.12.1995), entire document especially col 2, lns 36-46	1-7
Y	US 2,204,637 A (UNGER) 18 June 1940 (18.06.1940), entire document especially Fig 1; pg 2, col 1, lns 32-42	1-7
A	US 2008/0076333 A1 (KRAUSE et al.) 27 March 2008 (27.03.2008), entire document	1-7
A	US 5,441,165 A (KEMP et al.) 15 August 1995 (15.08.1995), entire document	1-7
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Date of the actual completion of the international search 22 June 2012 (22.06.2012)		Date of mailing of the international search report 28 JUN 2012
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201		Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774