

(43) International Publication Date
5 November 2015 (05.11.2015)(51) International Patent Classification:
B23K 9/167 (2006.01) **B23K 9/24** (2006.01)
B23K 9/067 (2006.01)

HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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.

(21) International Application Number:
PCT/IB2015/000583(22) International Filing Date:
28 April 2015 (28.04.2015)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
14/263,265 28 April 2014 (28.04.2014) US(71) Applicant: **LINCOLN GLOBAL, INC.** [US/US]; 17721 Railroad St., City of Industry, CA 91748 (US).(72) Inventors: **SPEAR, Theresa, M.**; 6253 Coldstream Road, Highland Heights, OH 44143 (US). **NABER, Ferdinand, M.**; c/o Lincoln Global, Inc., 17721 Railroad Street, City of Industry, CA 91748 (US).

(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, BN, 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,

(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, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

7 January 2016

(54) Title: TIG WELDING SYSTEM

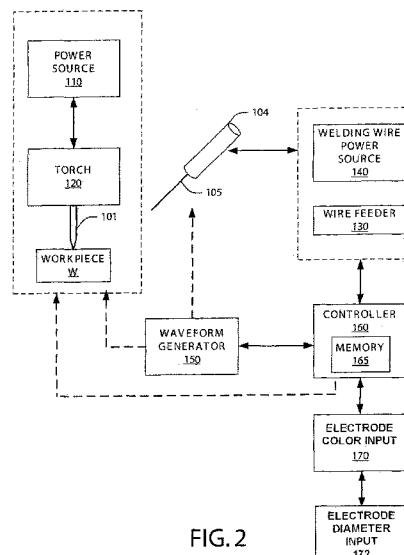


FIG. 2

(57) Abstract: A TIG welding system (100) is provided including a power source (100) having a controller (160) in communication therewith, the controller (160) having a memory (165) storing at least one waveform (190) and associated with a welding electrode composition (color) in combination with a welding electrode diameter (detected or input).

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2015/000583

A. CLASSIFICATION OF SUBJECT MATTER
INV. B23K9/167 B23K9/067 B23K9/24
ADD.

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)
B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CA 2 878 065 A1 (ILLINOIS TOOL WORKS [US]) 6 March 2014 (2014-03-06) paragraph [0014]; figures 1, 8, 12, 13 paragraph [0076] - paragraph [0109] ----- US 3 413 436 A (TALLMAN CLIFFORD S) 26 November 1968 (1968-11-26) column 3, line 24 - line 37; figure 2 ----- GB 1 015 693 A (PULSE ARC WELDER COMPANY) 5 January 1966 (1966-01-05) page 5, line 98 - page 7, line 28; figure 2 -----	1-15 1,12 1-5,14, 15
A		



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Date of the actual completion of the international search 16 October 2015	Date of mailing of the international search report 27/10/2015
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Möller, Sebastian

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IB2015/000583

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