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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.

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(54) Title: SYSTEM AND METHOD FOR MONITORING DIRECT PART MARKING (DPM) PROCESSES AND GENERATING VISUAL NOTIFICATIONS ON PARTS FOR OPERATORS

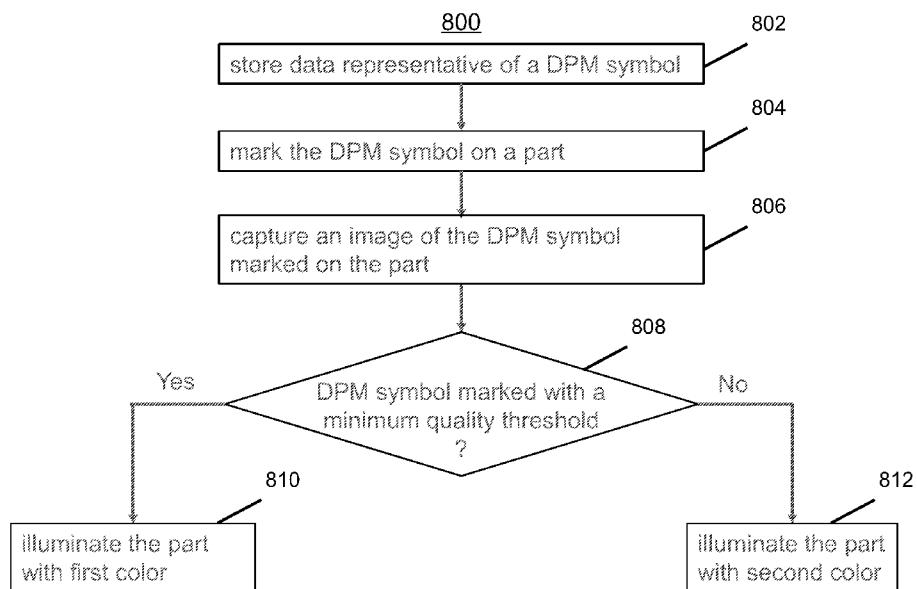


FIG. 8

(57) Abstract: A system and method for performing laser marking may include identifying an event performed by a laser marking system. A laser marking unit may be driven to mark the feature on the part. The part may be illuminated with a visible illumination signal to indicate an occurrence of the event in response to identifying the event.



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**INTERNATIONAL SEARCH REPORT**

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A. CLASSIFICATION OF SUBJECT MATTER  
INV. B23K26/03 B23K26/70 B23K26/352  
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.
Y	JP 2009 208132 A (SUNX LTD) 17 September 2009 (2009-09-17) abstract; figures -----	1-29
Y	WO 2017/007492 A1 (SAKAI SATOSHI [US]) 12 January 2017 (2017-01-12) abstract; figures -----	1-29
Y	EP 2 435 888 A1 (DATACARD CORP [US]) 4 April 2012 (2012-04-04) claims; figures -----	4-12, 19-27

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Date of the actual completion of the international search <b>7 August 2019</b>	Date of mailing of the international search report <b>20/08/2019</b>
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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 <b>Caubet, J</b>
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2009208132	A	17-09-2009	NONE
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			US 2012074107 A1 29-03-2012
			WO 2010136600 A1 02-12-2010
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