

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 February 2007 (08.02.2007)

PCT

(10) International Publication Number
WO 2007/015705 A3

(51) International Patent Classification:

G01R 33/12 (2006.01) **G01N 27/72** (2006.01)

G01R 33/14 (2006.01) **G01N 27/82** (2006.01)

(21) International Application Number:

PCT/US2005/036070

(22) International Filing Date: 7 October 2005 (07.10.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/617,311 8 October 2004 (08.10.2004) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
10 May 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RIVET ROTATING PROBE

(57) Abstract: An eddy current probe adapted for detecting cracks in material directly beneath a raised-head fastener is disclosed. The probe comprises an eddy current coil and a support means for carrying the coil in an orientation suitable for introducing eddy currents into material directly beneath a raised-head fastener.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/36070

A. CLASSIFICATION OF SUBJECT MATTER

IPC: G01R 33/12(2006.01);G01R 33/14(2006.01);G01N 27/72(2006.01);G01N 27/82(2006.01)

USPC: 324/222,228,234,235,236,237,238,239,240,241,242,243

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)

U.S. : 324/222,228,234,235,236,237,238,239,240,241,242,243

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)
IEEEExplore, Google

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,014,024 A (Hockey et al) 11 January 2000 (01.11.2000), FIGS. 2, 5, 9, 9a, and disclosure discussing such figures.	1,4,5 ----- 15
X,E --- Y,E	US 2005/0237055 A1 (Sun et al) 27 October 2005 (10.27.2005), FIG. 5A and disclosure related thereto and paragraph 0063.	1-4,6-14,16-20 ----- 15
A	US 5,399,968 (Sheppard et al.) 21 March 1995 (21.03.1995), entire disclosure.	1-20
A,E	US 2006/0022669 (Nygaard) 02 February, 2006 (02.02.2006).	1-20

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Date of the actual completion of the international search

05 January 2007 (05.01.2007)

Date of mailing of the international search report

26 FEB 2007

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

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