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(71) Applicant: **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) Inventors: **CAMPBELL, Lam, Arthur**; 4425 Westway Park Boulevard, Houston, TX 77041 (US). **SIPILA, Pekka, Tapani**; Freisinger Landstrasses 50, 85748 Garching N. Munich (DE).

(74) Agents: **CONKLIN, Mark, A.** et al.; General Electric Company, Global Patent Operation, 2 Corporate Drive, Suite 648, Shelton, CT 06484 (US).

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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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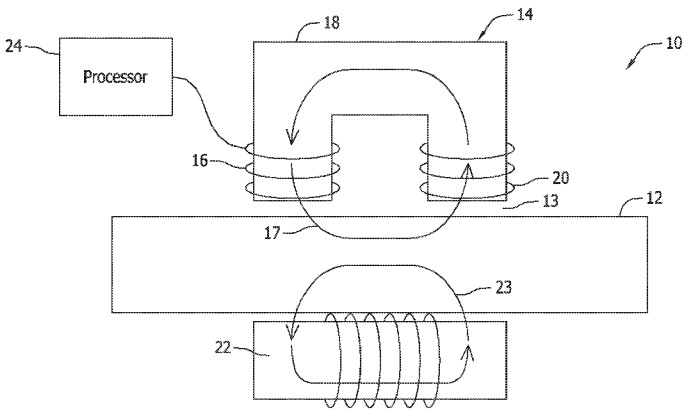


FIG. 1

(57) Abstract: A system for sensing stress in a ferromagnetic material is provided. The system includes at least one magnetic flux device configured to induce a conditioning magnetic flux in the ferromagnetic material. The system also includes a sensor positioned proximate to the ferromagnetic material. The sensor includes a core, at least one excitation coil configured to induce a second magnetic flux in the ferromagnetic material, and at least one detector configured to detect changes in the second magnetic flux.

WO 2014/105363 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G01L1/12 G01L3/10
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)
G01L

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.
X	WO 2012/152720 A1 (POLYRES AG [CH]; MAY LUTZ [DE]) 15 November 2012 (2012-11-15) the whole document	1-20
X	GB 2 383 417 A (WESTON AEROSPACE [GB] WESTON AEROSPACE [GB]; ANGELCHANCE LTD [GB]; WES) 25 June 2003 (2003-06-25) the whole document	1-20
A	US 2012/025528 A1 (SIPILAE PEKKA TAPANI [DE] ET AL) 2 February 2012 (2012-02-02) paragraph [0028]	18

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☒ See patent family annex.

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

1

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
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