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[Continued on next page]

(54) **Title**: MAGNET STRENGTH MEASUREMENT

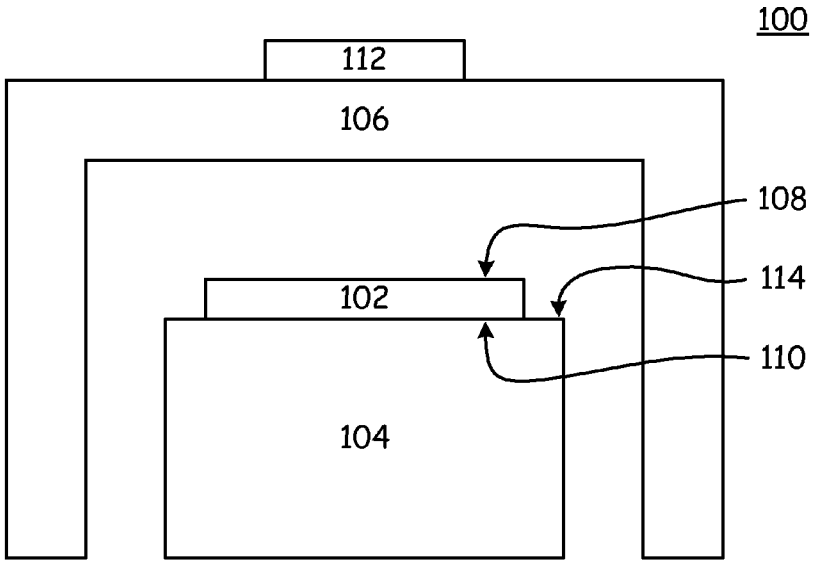

Fig. 1

(57) **Abstract**: An apparatus for determining an integral strength of a magnet, including a magnetically attractive specimen, a force-sensing device for receiving the specimen and determining a magnitude of a first force applied by the specimen against the force-sensing device in the presence of the magnet and a magnitude of a second force applied by the specimen against the force-sensing device in the absence of the magnet, and a platform for receiving the magnet and for positioning the magnet at a desired distance above the specimen.

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A. CLASSIFICATION OF SUBJECT MATTER

G01R 33/07(2006.01)i

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)
G01R 33/07; G01R 31/26; G01N 13/10; G01N 27/72; G01R 33/12; G01R 33/02; C12Q 1/70

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords: magnetic, specimen, force, distance

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-337097 A (HITACHI LTD.) 28 November 2003 See abstract, claims 1-2, paragraphs 7-8 and figure 2	1-20
A	JP 2011-043331 A (ROHM CO., LTD.) 03 March 2011 See abstract, claims 1,3, paragraphs 11-12 and figures 2,4	1-20
A	US 6529019 B1 (PHILIP N KING et al.) 04 March 2003 See abstract, claims 1,12 and figure 1	1-20
A	US 2009-0170065 A1 (ROEL WIRIX-SPEETJENS ROEL et al.) 02 July 2009 See abstract and claims 1,19,32,35,43	1-20

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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