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(54) Title: ELECTRONIC LEAKAGE TESTING MACHINE

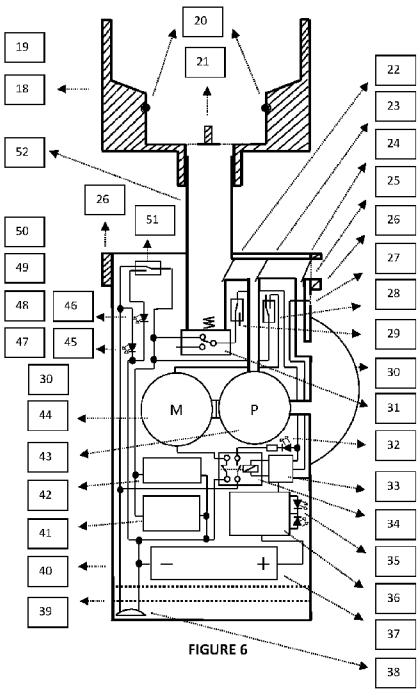


FIGURE 6

(57) Abstract: The present invention differs in air and leakage testing machines of endoscopic scopes used in medicine and industry, is unlike conventional operator manual mechanical air leakage testers and specially designed to automatically and continuously by means of an electromechanical system installed in specially designed and interlockable sealed tubes when the alarm is generated, the wireless alarm transmitter in the tubes is alerted to the wireless receiver or the paired smartphone in a specially designed box within the range of the alarm, to isolate the dust or moisture from the outdoor environment or from liquids or gases and the visual and audible alarms are immediately informed and the leakage tester, the mini-module, the mini-module housing apparatus and the wireless alarm device, which enable rapid measures to be taken.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

A61B 1/00 (2006.01)i; G01M 3/04 (2006.01)i
A61B1/00057 (CPC)

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)

G01M; A61B

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

TURKPATENT Patent Database

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

EPO Abstract & Fulltext Databases, WPI Data & Keywords: bubble, water, liquid, fluid, pool, control magnet, interlock, gasket, leak-proof, air-seal, water-tight, water-proof, water-protect, gas-tight, o-ring, portable, electromechanic, plastic, pvc, pin, needle, aluminum, aluminium, metal, material, made of, magnet, battery, power source, power supply, psu, power storage, reprocessor, scope, endoscope, test, air, pressure, kilopascal, kpa, leak sense, detect, hole, crack, mobile, wireless, cell, handheld, mobile terminal, user equipment, warn, alert, alarm, beep, speaker, audio, light, lamp, led, kaçak, endoskopik, tespit, hava, skop, gaz, sıvı, kablosuz

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2012134247 A2 (PARK JEONG HEE [KR]) 04 October 2012 (2012-10-04) especially abstract; translation page 6, paragraphs 45-49, 58, 68-70, 82-90; Figures 1-4	1,7-8
X	JP 2011005090 A (HOYA CORP) 13 January 2011 (2011-01-13) especially abstract; paragraphs 8, 16, 21-22, 25; figures 1-7	2-3
X	US 4506544 A (OLYMPUS OPTICAL CO [JP]) 26 March 1985 (1985-03-26) especially abstract; column 1, lines 48-68; column 2, lines 15-40; column 3, lines 34-68; figures 1-4	2-3
X	EP 0100069 A2 (OLYMPUS OPTICAL CO [JP]) 08 February 1984 (1984-02-08) especially abstract; page 4, 10 ; figures 1-10, 13	2-3
X	US 6491625 B1 (SCOPE EXCHANGE INC [US]) 10 December 2002 (2002-12-10) especially abstract; column 2, lines 10-43; column 3, lines 8-65; column 4, lines 13-28; figures 1-2	1

☑ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	DE 20217210 U1 (HEIDMUELLER KERSTIN DANIELA [DE]) 18 March 2004 (2004-03-18) especially abstract; paragraphs 4, 26-27, 37-38, 44 ; figures 1, 12	1
A	US 2002016525 A1 (OLYMPUS OPTICAL CO [JP]) 07 February 2002 (2002-02-07) especially abstract; paragraphs 30-32, 45-50, 53, 66-67; figure 1	1-8