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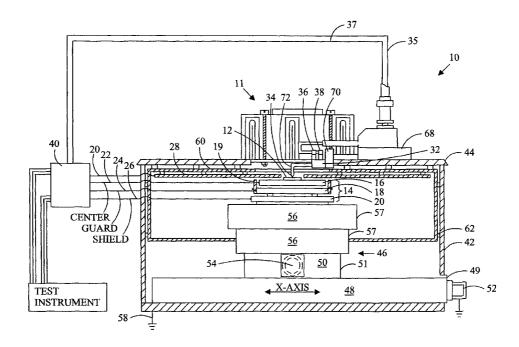
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[Continued on next page]

(54) Title: SWITCHED SUSPENDED CONDUCTOR AND CONNECTION



(57) Abstract: A probe assembly having a switch that selectively electrically connects, for example, either a Kelvin connection or a suspended guard element with the probe assembly.

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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.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01R 31/02,G01R 31/26 US CL : 324/754,755,756,765 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.: 324/754,755,756,765					
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) Please See Continuation Sheet					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *				Relevant to claim No.	
Y	US -6,232,788 (Schwindt et al) Fig. 10,Col. 17, lines 46-47, Col. 18, lines 30-32, US -6,873,167 (Goto et al) Fig. 5			1-21	
<u></u> Y				1, 8 and 17	
Α	US-6,842,024 (peters et al), Col. 6, lines 17-22.			1-7,9-16 and 18-21	
A	US-2005/0099192 (Dunklee et al) Fig. 3			1-7,9-16 and 18-21	
Further	documents are listed in the continuation of Box C.		See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be		"T"	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination		
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"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family			
Date of the actual completion of the international search		Date of mailing of the international search report 3.1 AUG 2005			
21 June 2005 (21.06.2005) Name and mailing address of the ISA/US			ed officer life (Seul 781.	
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Nestor Ramirez			
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Continuation of B. FIELDS SEARCHED Item 3: USPTO EAST for all databses searched.	
USPTO PLUS searched	