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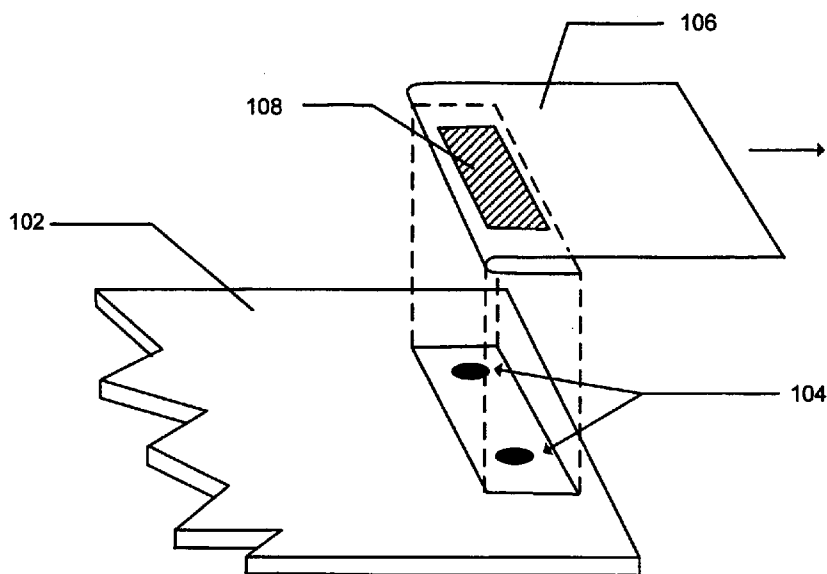
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(54) Title: ONE TIME OPERATING STATE DETECTING METHOD AND APPARATUS



100

(57) Abstract: A method and apparatus for detecting a change in an electrical property between contacts (104). A one-time operating state detection device (100) includes a member (106) coupling a pair of contacts (104) and a detector (200) for detecting a change in the coupling between the pair of contacts 104 when the member (106) is removed.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: G01R 31/02(2006.01);G01N 27/416(2006.01);H02J 7/00(2006.01)

USPC: 324/421,426,427;320/107

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. : 324/421,426,427;320/107

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,539,516 A (THOMPSON) 3 September 1985 (3.09.1985), the entire document	1-6, 18-22
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Y		14-17, 30-33
X	US 4,710,720 A (WEINER) 1 December 1987 (1.12.1987), the entire document	1-3,9-11,19,20,25-27

E	US 6,967,483 B2 (KWARK) 22 November 2005 (22.11.2005), the entire document	4-8, 12, 13, 21-24,28,29
Y	US 5,659,240 A (KING) 19 August 1997 (19.08.1997) the entire document	4,5,21
Y	US 5,444,378 A (ROGERS) 22 August 1995 (22.08.1995), the entire document	6-8,12,13,22-24,28,29
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