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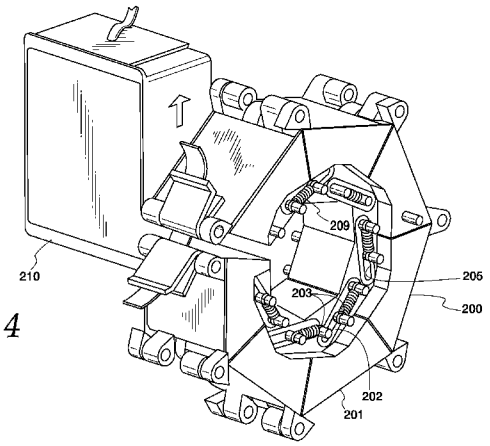

Fig. 4

(57) Abstract: A three-phase faulted circuit indicator adjustable to accommodate a variety of three-phase power cables is disclosed. In one embodiment, faulted circuit indicator comprises a flexible holder that encircles the monitored conductor slightly more than one time. The flexible holder includes a plurality of magnetic sensors for monitoring the current within the internal conductors of the power cable, a logic circuit for determining the occurrence of a fault, and an output device for providing an indication of a fault. In a second embodiment, the faulted circuit indicator comprises a plurality of sensor compartments, each disposed about a central point, and each coupled to two other sensor compartments.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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USPC - 361/42
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B. FIELDS SEARCHED

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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)
MicroPatent, Google Patents

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,429,661 B1 (SCHWEITZER, JR) 06 August 2002 (06.08.2002) entire document	1-27
Y	VALDES et al. Ground Fault Detection in Multiple Source Solidly Grounded Systems Via the Single-Processor Concept for Circuit Protection. IEEE Ground Fault DER-035. Paper No. PPIC-2005-26, presented at PPIC Jacksonville, FL 2005, entire document	1-5, and 21-27
Y	US 7,282,921 B2 (SELA et al) 16 October 2007 (16.10.2007) entire document	5-18, and 25
Y	US 5,565,783 A (LAU et al) 15 October 1996 (15.10.1996) entire document	19-20
Y	US 4,164,701 A (GULLEDGE et al) 14 August 1979 (14.08.1979) entire document	26

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