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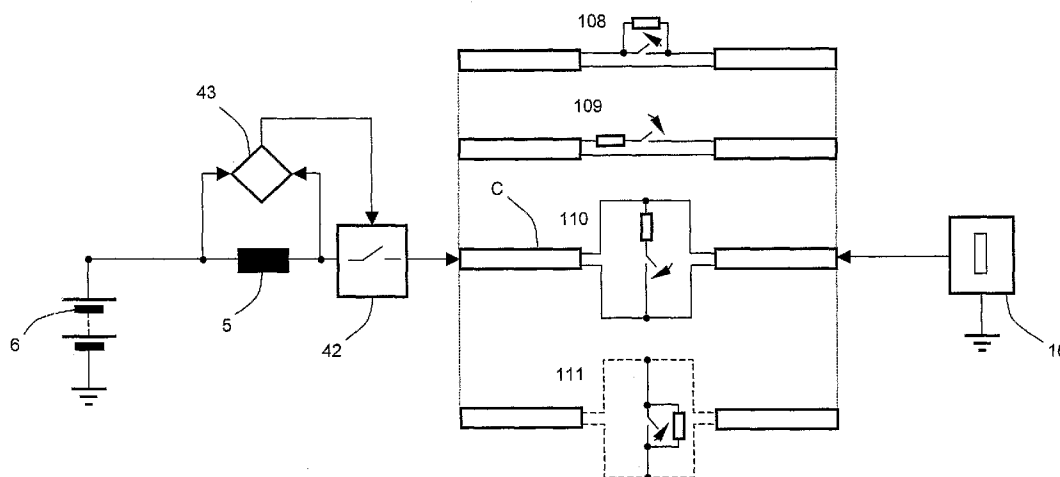
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- (71) Applicant (for all designated States except US): **PEPPERL & FUCHS (DE)** [DE/DE]; Königsberger Allee 87, 68307 Mannheim (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **KESSLER, Michael** [DE/DE]; Pepperl & Fuchs (DE), Königsberger Allee 87, 68307 Mannheim (DE). **ROGOLL, Gunther** [DE/DE]; Pepperl & Fuchs (DE), Königsberger Allee 87, 68307 Mannheim (DE). **JUNKER, Martin** [DE/DE]; Pepperl & Fuchs (DE), Königsberger Allee 87, 68307 Mannheim (DE). **KITCHENER, Renato** [GB/GB]; 20 Elmcroft Place, Westergate, West Sussex PO20 3XL (GB).
- (74) Agent: **BRIDGE-BUTLER, Jeremy, Charles**; G.F. Redfern & Co., 7 Staple Inn, Holborn, London WC1V 7QF (GB).
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(54) Title: ELECTRICAL CIRCUIT WITH INCENDIVE ARC PREVENTION MEANS



(57) Abstract: An electrical circuit comprising a power supply, a load and an incandive arc prevention means comprising a monitoring means and an isolation means, in which the monitoring means monitors the electrical circuit by means of a reactor means, in which if a short circuit with the potential to cause an incandive arc occurs in the electrical circuit the reaction of the reactor means is detected by the monitoring means and the isolation means fully or partially isolates the power supply from said short circuit, such that an incandive arc cannot occur, in which if an event with a current and/or voltage pattern which is characteristic of a propagating non-incandive arc occurs in the electrical circuit between the power supply and the load, the reaction of the reactor means is detected by the monitoring means, and the isolation means fully or partially isolates the power supply from said event, such that an incandive arc cannot occur.



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