

Title (en)
ELECTRICAL SWITCH FORMING A FAST ACTUATION CIRCUIT BREAKER

Title (de)
ELEKTRISCHER SCHALTER ZUR HERSTELLUNG EINES SCHNELLBETÄTIGUNGSSCHUTZSCHALTERS

Title (fr)
INTERRUPTEUR ÉLECTRIQUE FORMANT COUPE-CIRCUIT À ACTIONNEMENT RAPIDE

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Application
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Abstract (en)
[origin: CA2877890A1] A normally closed electrical switch having a sliding assembly actuated on opening, for example by a pyrotechnic gas generator. Prior to actuation, a conductive portion of the sliding assembly (21) is in tight contact with two axially offset coaxial rings (13a, 14a) belonging respectively to two electrically conductive pads (13, 14), and after the actuator is triggered, the upstream pad (13) is released from the conductive portion of the sliding assembly. According to the invention, the sliding assembly comprises a tube provided with a slot extending along the entire length of same, and the conductive portion of the sliding assembly consists of all or a portion of said slotted tube, the clamping force between the conductive portion and the primary electrically conductive pads being provided by the elasticity of the slotted tube.

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