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(54) Title (EN): PROTECTION DEVICE FOR AN ELECTRIC CIRCUIT, ELECTRIC CIRCUIT EQUIPPED WITH SUCH A DEVICE, AND METHOD FOR PROTECTING SUCH AN ELECTRIC CIRCUIT

(54) Title (FR): DISPOSITIF DE PROTECTION POUR UN CIRCUIT ÉLECTRIQUE, CIRCUIT ÉLECTRIQUE ÉQUIPÉ D'UN TEL DISPOSITIF ET PROCÉDÉ DE PROTECTION D'UN TEL CIRCUIT ÉLECTRIQUE

(57) Abstract:

(EN): Disclosed is a protection device for an electric circuit comprising at least one cut-off component (12) having a control area (16) suitable for receiving a trigger signal (S), and a power area (18) for the passage of the electric current. The device also comprises a control circuit (14) designed for generating and transmitting the trigger signal to the control area. The device further comprises a fuse (10) connected in series between a first conductor and the cut-off component (12) and capable of supplying a supply voltage (V) to the control circuit, the control circuit being connected between the fuse and the control area.

(FR): Un dispositif de protection pour un circuit électrique comprenant au moins un composant de coupure (12) comportant une zone de commande (16), apte à recevoir un signal (S) de déclenchement, et une zone de puissance (18) pour le passage du courant électrique. Le dispositif comporte également un circuit (14) de commande configuré pour élaborer et transmettre le signal de déclenchement à la zone de commande. Le dispositif comprend en outre un fusible (10) raccordé en série entre le premier conducteur et le composant de coupure (12) et apte fournir une tension (V) d'alimentation au circuit de commande, le circuit de commande étant raccordé entre le fusible et la zone de commande.

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