

Title (en)
ELECTRONIC FOLLOW CURRENT EXTINGUISHING AID

Title (de)
ELEKTRONISCHE FOLGESTROMLÖSCHHILFE

Title (fr)
DISPOSITIF AUXILIAIRE ÉLECTRONIQUE DE COURANT DE SUITE

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Application
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Abstract (en)
[origin: WO2017216218A1] The invention relates to an electronic follow current extinguishing aid (1) for an overvoltage protection element (ÜSE) to be monitored, wherein the overvoltage protection element (ÜSE) is a spark gap or a gas-filled overvoltage diverter, comprising a monitoring element (O) that optically detects the passing in and out of the current flow via the overvoltage protection element (ÜSE), and comprising an electronic switch element (S) connected in parallel to the overvoltage protection element (ÜSE), wherein the electronic switch element (S) is controlled via the monitoring element (O), wherein the electronic switch element (S) closes when mains follow current is detected passing in via the overvoltage protection element (ÜSE), such that a current is diverted in parallel, and wherein the electronic switch element (S) opens when the arc in the overvoltage protection element (ÜSE) is extinguished, such that current can no longer flow via the electronic switch element (S).

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