

Title (en)

PROTECTIVE DEVICE AND METHOD FOR ITS OPERATION

Title (de)

SCHUTZEINRICHTUNG UND VERFAHREN ZU DEREN BETRIEB

Title (fr)

DISPOSITIF DE PROTECTION ET SON PROCÉDÉ DE FONCTIONNEMENT

Publication

**EP 2115759 A1 20091111 (DE)**

Application

**EP 07721899 A 20070207**

Priority

DE 2007000230 W 20070207

Abstract (en)

[origin: WO2008095454A1] The invention specifies a protective device (12) for combination with an electrical switching device (10) comprising a main current line (14) or for integration in such a switching device (10), with a switching element (18) and a switching apparatus (16), which is provided for the actuation of said switching element and is influenced by a current flow through the main current line (14), wherein, in order to influence the switching apparatus (16), a current transformer (26) is integrated in the main current line (14) and an electrical resistance of a secondary winding surrounded by the current transformer (26) can be measured, and a method for operating a protective device (12) according to the invention, wherein the switching apparatus (16) is triggered so as to actuate the switching element (18) if the measured resistance reaches or exceeds a predetermined or predeterminable threshold value.

IPC 8 full level

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CPC (source: EP KR US)

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DOCDB simple family (publication)

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