

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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