

Title (en)
HIGH-VOLTAGE FUSE

Title (de)
HOCHSPANNUNGSSICHERUNG

Title (fr)
COUPE-CIRCUIT A HAUTE TENSION

Publication
EP 1889276 B1 20081015 (DE)

Application
EP 06754166 A 20060607

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Abstract (en)
[origin: WO2006131321A1] The invention relates to a high-voltage fuse comprising a tubular ceramic insulating member (2) that is provided with at least one fusible element, an inner auxiliary cap (3) which is placed on the insulating member (2) and at least partly covers the outer surface of the insulating member (2) in the front area of the insulating member (2), and an outer top cap (4) that is placed on the auxiliary cap (3) and at least partly covers the outer surface of the auxiliary cap (3). The insulating member (2) is provided with at least one depression. The auxiliary cap (3) is molded against the insulating member (2) such that a positive connection to the insulating member (2) is created in the depression. The auxiliary cap (3) and the top cap (4) are molded in the area of said depression in such a way that a positive connection is created. In order to create a high-voltage fuse which ensures that the insulating member is covered so as to be tight towards the outside even at elevated temperatures, a sealing means (5) is provided in the depression while the top cap (4) and/or the auxiliary cap (3) are molded against the sealing means (5) in said depression.

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