

Title (en)

ARRANGEMENT COMPRISING A LOW VOLTAGE POWER SWITCH AND A SWITCHING GAS DAMPER PROVIDED WITH A CARRIER ELEMENT AND USED FOR THE LOW VOLTAGE POWER SWITCH

Title (de)

ANORDNUNG MIT EINEM NIEDERSPANNUNGS-LEISTUNGSSCHALTER UND EINEM MIT EINEM TRAGEELEMENT VERSEHENEN SCHALTGASDAMPFER FÜR DEN NIEDERSPANNUNGS-LEISTUNGSSCHALTER

Title (fr)

ENSEMBLE COMPRENANT UN INTERRUPTEUR DE PUISSANCE BASSE TENSION PRESENTANT UN AMORTISSEUR DE GAZ DE COMMUTATION POURVU D'UN ELEMENT SUPPORT ET DESTINE A L'INTERRUPTEUR DE PUISSANCE BASSE TENSION

Publication

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Application

EP 03753267 A 20030828

Priority

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Abstract (en)

[origin: WO2004032167A1] The invention relates to a switching gas damper for low voltage power switches, especially for low voltage power switches which can be inserted into low voltage switching installations. Said switching gas damper is arranged above an arc extinguisher of the low voltage power switches and comprises at least one inlet for switching gases and at least one outlet for damped deionised switching gases. According to the invention, said switching gas damper is provided with a carrier element (16) which can be arranged directly adjacent to the arc extinguisher and can be fixed to a housing (10) receiving the low voltage power switch. The carrier element (16) forms at least one receiving chamber for a flow element (30) creating a flow resistance for the switching gases, and the at least one receiving chamber (28) can be closed by at least one closing element (32) fixing the at least one flow element (30). The carrier element (16) forms the at least one inlet (24) and the at least one closing element (32) forms the at least one outlet (36).

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