

Title (en)  
PROTECTION SWITCH

Title (de)  
SCHUTZSCHALTER

Title (fr)  
DISJONCTEUR DE PROTECTION

Publication  
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Application  
**EP 06805854 A 20060925**

Priority  
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Abstract (en)  
[origin: CA2656061A1] A protection switch (1) is disclosed, which is particularly suitable where rapid quenching of electrical arcing of the switch is concerned. The protection switch (1) comprises at least one single-pole protection switch module (2). The protection switch module (2) comprises a housing (3), a movable contact (84) mounted on a switching arm (43), which can be pivoted against a fixed contact (85) between a closed position and an open position, and a quenching device (41) for quenching electrical arcing of the switch. The quenching device (41) comprises a quenching chamber (63) with an inlet (102) and an outlet (106) for the arc, a first running rail (65), which connects the fixed contact (85) with a first side wall of the quenching chamber (63), and a second running rail (66) which connects a stopping surface (97), against which the movable contact (84) abuts in the open position of the switching arm (43), to a second side wall of the quenching chamber (63). There is also a separation strip (107), extending essentially from side wall to side wall, fastened at the outlet (106) of the quenching chamber (63).

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CPC (source: EP US)  
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