

Title (en)  
High tension disconnecting switch with preliminary contacts.

Title (de)  
Hochspannungstrennschalter mit Vorkontakten.

Title (fr)  
Sectionneur haute tension avec contacts préliminaires.

Publication  
**EP 0104599 A2 19840404 (DE)**

Application  
**EP 83109371 A 19830921**

Priority  
DE 3235353 A 19820924

Abstract (en)  
[origin: US4521654A] A high voltage disconnect switch, including a countercontact piece having switch countercontacts and being arranged for connection to a source of high voltage. Resilient pre-contact pieces are insulatingly connected to the countercontact piece and include switch contacts disposed for contacting the switch countercontacts. Movable primary contact pieces are arranged to be movable from a first position of separation from the pre-contact pieces and the countercontact piece to a second position in which the primary contact pieces are in contact with the pre-contact pieces but not with the countercontact piece and to a third position in which the primary contact pieces are in contact with both the pre-contact pieces and the countercontact piece. The pieces are configured and arranged relative to one another so that during the closing of the switch the countercontacts contact the contacts after the primary contact pieces are moved to the second position and before they are moved to the third position, and during the opening of the switch the countercontacts separate from the contacts after the primary contact pieces are moved to the second position and before they are moved to the first position.

Abstract (de)  
Gegenstand der Anmeldung ist ein Hochspannungstrennschalter, an dessen Scherenholmen Hauptkontaktstücke (2) angeordnet sind, die mit einem mit Vorkontaktstücken (1) ausgestatteten Gegenkontaktstück (4) zusammenwirken. Um eine durch Lichtbogeneinwirkung hervorgerufene Beschädigung der Oberflächen der Kontaktstücke zu verhindern, sind besondere, abbrandfeste Schaltkontakte (5, 5') vorgesehen, die mit dem isoliert am Gegenkontaktstück (4) befestigten Vorkontaktstück (1) und dem Gegenkontaktstück (4) verbunden sind.

IPC 1-7  
**H01H 31/36**; **H01H 33/12**

IPC 8 full level  
**H01H 31/36** (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP US)  
**H01H 31/36** (2013.01 - EP US); **H01H 33/121** (2013.01 - EP US)

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Designated contracting state (EPC)  
AT CH FR LI NL

DOCDB simple family (publication)  
**EP 0104599 A2 19840404**; **EP 0104599 A3 19861105**; **EP 0104599 B1 19881117**; AT E38740 T1 19881215; DE 3235353 A1 19840329; DE 3235353 C2 19881006; ES 283169 U 19850616; ES 283169 Y 19860401; ES 283987 U 19850701; ES 283987 Y 19860401; US 4521654 A 19850604

DOCDB simple family (application)  
**EP 83109371 A 19830921**; AT 83109371 T 19830921; DE 3235353 A 19820924; ES 283169 U 19830923; ES 283987 U 19850116; US 53603383 A 19830926