

Title (en)  
COUNTER-CONTACT SYSTEM FOR A PANTOGRAPH ISOLATING SWITCH

Publication  
**EP 0156171 B1 19881109 (DE)**

Application  
**EP 85102073 A 19850226**

Priority  
DE 3411587 A 19840329

Abstract (en)  
[origin: EP0156171A2] 1. Counter-contact system for a pantograph disconnecter, having auxiliary busbars (183, 184) attached to the counter-contact (112-118), which busbars follow the pantograph contact tubes (68/70) over a defined switching-off distance in a switching-off operation, and having arcing contacts (146, 205) with assigned arc quenching device (174), which, controlled by the movement of the auxiliary busbars (183, 184) in the switching-off operation or upon bouncing during switching-on, disconnect a potential difference between the counter-contact (112-118) and the pantograph contact tubes (68/70), so that the occurrence of an arc between the pantograph contact tubes (68/70) and the counter-contact (112-118) is prevented, characterized in that the arcing contacts (146, 205) are bridged by a bypass route (300, 301, 302), into which is inserted at least one electric component (300) which forms a defined current path at least for displacement currents occurring in a switching operation.

IPC 1-7  
**H01H 31/36**

IPC 8 full level  
**H01H 31/36** (2006.01); **H01H 9/14** (2006.01); **H01H 9/34** (2006.01); **H01H 9/38** (2006.01)

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