

Title (en)
ISOLATING SWITCH, IN PARTICULAR A PANTOGRAPH ISOLATING SWITCH

Publication
EP 0168568 B1 19880907 (DE)

Application
EP 85105397 A 19850503

Priority
DE 3418837 A 19840521

Abstract (en)
[origin: EP0168568A2] 1. An isolating switch, more particularly a singlepin scissors-type isolating switch, having a main contact system (3) which comprises at least one main contact piece (5) mounted on a scissor blade (1) or the like and at least one counter-contact piece (7) mounted on a busbar (6) or the like, together with an auxiliary contact system (4) which comprises at least one auxiliary contact piece (8), associated mechanically with the counter-contact piece (7) but insulated therefrom, and having a circuit-breaking action with the main contact piece (5), and an isolating contact system (9) which has two isolating contact pieces (10, 11) and is disposed electrically between the counter-contact piece (7) and the auxiliary contact piece (8), in which an opening the main contact system (3) the isolating contact system (9) opens first while the auxiliary contact system (4) opens later, a potential-balancing resistor (20) acting between the countercontact piece (7) and the auxiliary contact piece (8), at least when the isolating contact system (9) is open, characterised in that a spark gapsystem (21) is added in parallel to the potential-balancing resistor (20), thereby limiting the voltage across it.

IPC 1-7
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IPC 8 full level
H01H 9/14 (2006.01); **H01H 31/36** (2006.01)

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