

Title (en)
CUTTING DEVICE FOR HIGH CURRENT RAILS

Publication
EP 0289447 B1 19920715 (DE)

Application
EP 88730091 A 19880420

Priority
DE 3714959 A 19870430

Abstract (en)
[origin: EP0289447A1] In order to protect isolating devices for heavy-current busbars (1), which have a plug-in connecting contact (9) between the heavy-current busbars (1) and an alarm switch (12, 13), arranged in an insulated manner, against unacceptable heating, an additional system part (14) is provided, of material which melts at a low temperature, and which melts above the normal operating temperature but below the acceptable limit temperature of the isolating device, in particular the connecting contact (9). When the system part (14) melts, the alarm switch (12) thus moves into the position it occupies when the connecting contact is not plugged in. This position change of the alarm switch (12) can be used to trip an external protection device, by means of which, e.g. the current flow through the heavy-current busbars (1) is immediately interrupted and as a result of which the isolating device for heavy-current busbars (1) is protected against unacceptable heating and possible destruction. <IMAGE>

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H01H 37/76; H01R 13/713; H01R 31/08

IPC 8 full level
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