

Title (en)

METHOD AND DEVICE FOR THE SECURE OPERATION OF A SWITCHING DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SICHEREN BETRIEB EINES SCHALTGERÄTES

Title (fr)

PROCEDE ET DISPOSITIF POUR FAIRE FONCTIONNER UN APPAREIL DE COMMUTATION DE MANIERE SURE

Publication

**EP 1829065 A1 20070905 (DE)**

Application

**EP 05825230 A 20051222**

Priority

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- DE 102004062267 A 20041223

Abstract (en)

[origin: WO2006069963A1] The invention relates to a method and to a device for the secure operation of a switching device comprising at least one main contact which can be switched on and off and which comprises contact pieces and a displaceable contact bridge, and also at least one control magnet which comprises a displaceable anchor. The anchor acts upon the contact bridge when it is switched on or off such that the corresponding main contact is opened and closed. The method comprises the following steps: a) the displaceable contact bridge of the at least one main contact recognises when an opening point has been exceeded after being switched off, b) the additional operation of the switching device is interrupted, according to a predetermined duration of time, when the opening point is not exceeded.

IPC 8 full level

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Citation (search report)

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