

Title (en)

SWITCH CONTACT ARRANGEMENT COMPRISING A DEVICE FOR INCREASING A CONTACT-FORCE ACTING BETWEEN SWITCH CONTACTS

Title (de)

SCHALTKONTAKTANORDNUNG MIT EINER EINRICHTUNG ZUR VERSTÄRKUNG EINER ZWISCHEN SCHALTKONTAKTEN WIRKENDEN KONTAKTKRAFT

Title (fr)

SYSTEME DE CONTACTS DE COMMUTATION COMPORTANT UN DISPOSITIF DESTINE A AMPLIFIER UNE FORCE DE CONTACT S'EXERANT ENTRE DES CONTACTS DE COMMUTATION

Publication

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Application

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Abstract (en)

[origin: WO03023800A1] The invention relates to a switch contact arrangement (2) for a power switch (1) provided with a device for increasing the contact force acting between switch contacts (7, 16). The device comprises a cavity (24) which is made in a stationary conductive element (3) of the switch contact arrangement (2) in such a manner that the direction of the current in the conductive element (3) adjacent to the stationary switch contact (7) runs essentially perpendicular to the longitudinal direction of the conductive element (3) and therefore essentially parallel to the direction of current in an associated displaceable conductive element (12). The above-mentioned arrangement is suitable for low-voltage power switches with a selective form, whereby the switch contacts (7, 16) thereof allow a short-circuit current to be guided without premature opening.

IPC 8 full level

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