

Title (en)

Method for adjusting contact forces in high voltage switching devices

Title (de)

Verfahren zur Einstellung von Kontaktkräften an Hochspannungsschaltgeräten

Title (fr)

Procédé de réglage de forces de contact sur des appareils de commutation haute tension

Publication

EP 2400518 B1 20120926 (DE)

Application

EP 11004861 A 20110615

Priority

DE 102010025289 A 20100628

Abstract (en)

[origin: EP2400518A1] The method involves producing a conductive contact between a pivotably driven contact arm (1) and a fixedly arranged counter-contact (2). A force sensor of a force measuring unit is temporarily arranged between a stopper of the counter-contact and a contacting area of the contact arm such that the force sensor is subjected with contact force during contacting in an end position of the contact arm. A target position of the contact arm is adjusted in a contact point based on the contact force determined by the force measuring unit. Contact force measurement is carried by the measuring unit. The force sensor is formed in lenticular or cap-shape. An independent claim is also included for a measuring arrangement for adjusting contact force at a multi-polar high voltage switching device.

IPC 8 full level

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CPC (source: EP)

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