

Title (en)

Arrangement for detecting the endposition of a moveable contactpiece in his proper fixed contactpiece of a switch for medium or high voltage

Title (de)

Einrichtung zum Detektieren des Erreichens der Endstellung eines beweglichen Kontaktstückes in seinem zugehörigen festen Kontaktstück eines Schalters für Mittel- oder Hochspannung

Title (fr)

Dispositif pour détecter la position finale d'un levier de rupture mobile dans son contact fixe, associé à ce levier d'un commutateur pour haute tension ou tension moyenne

Publication

EP 0800194 B1 20040609 (DE)

Application

EP 97104829 A 19970321

Priority

DE 19612338 A 19960328

Abstract (en)

[origin: EP0800194A2] The device includes the permanent magnet (31,49) which is coupled to the free end of the movable contact member (24) at least on reaching the fixed contact member (29) and the end position. The sensor (33) which detects the permanent magnet (31) is associated with the corresponding fixed contact member (29). On reaching the end position of the movable contact (24), when the permanent magnet is in the active region of the sensor, the sensor (33) generates a signal. Preferably the permanent magnet (31) is at the free end of the movable contact and the sensor is inside the fixed contact. The movable contact may control the permanent magnets via an intermediate level or rod. The sensor may be a Reed contact arranged in a bore in the fixed contact.

IPC 1-7

H01H 71/04; **H01H 9/16**

IPC 8 full level

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