

Title (en)

ELECTRICAL SWITCHING DEVICE COMPRISING MAGNETIC DISPLACEMENT ELEMENTS FOR A SWITCHING ELEMENT

Title (de)

ELEKTRISCHE SCHALTVORRICHTUNG MIT MAGNETISCHEN VERSTELLELEMENTEN FÜR EIN SCHALTELEMENT

Title (fr)

DISPOSITIF DE COMMUTATION ELECTRIQUE DOTE D'ELEMENTS DE REGLAGE MAGNETIQUES POUR UN ELEMENT DE COMMUTATION

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Application

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Abstract (en)

[origin: WO2007000258A1] The invention relates to an electrical switching device (1), especially a high-frequency switching device, comprising at least one long electrical switching element (4) that is arranged, with one contact end (6) thereof, between two counter-contact elements (7a, 7b) which are interspaced in the transversal direction. Said electrical switching element can be displaced by two displacement elements forming a transversal displacement drive (23), transversally to the longitudinal direction thereof, selectively in relation to one or the other of the counter-contact elements (7a, 7b). The displacement elements are arranged next to the switching element (4) and can be displaced transversally back and forth therefrom. In order to improve the transversal displacement drive (23) for the switching element (4), the switching element (4) at least partially consists of a magnetic material, the displacement elements being formed by magnets (12, 13).

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