

Title (en)

An energy accumulator for actuating a switching device, a tap changer and a transformer

Title (de)

Energiespeicher zur Betätigung einer Schaltvorrichtung, eines Stufenschalters und eines Transformators

Title (fr)

Accumulateur d'énergie pour actionner un dispositif de commutation, changeur de prise et transformateur

Publication

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Application

EP 11169938 A 20110615

Priority

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Abstract (en)

The invention relates to an energy accumulator for actuating a switching device. The energy accumulator includes a chargeable mechanical spring means (5), tensioning means (3) for charging the spring means (5), actuating means (4, 61, 62) for actuating the at least one switch and release means (73) for discharging the spring means (5). According to the invention the tensioning means (3) includes a first linearly movable body (3) having drive means (31) connectable to a driving source (1) for applying a tensioning stroke to the first movable body (3), and having first spring support means (32). The actuating means includes a second linearly movable body (4) having cam profile means (61) and having second spring support means, and further includes cam follower means (62) which cam follower means (62) has connection means (23) to the switching device. The release means includes a latching mechanism (73) arranged to lock the second movable body (4) and to be brought to an unlocking position upon influence from the first movable body (3). The energy accumulator further includes guiding means (71, 72) arranged to guide the bodies in parallel. The spring means (5) is arranged between said first (32) and second spring support means. The invention also relates to a tap changer and to a transformer.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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