

Title (en)

Stored energy assembly for operating a movable contact of an electrical switch

Title (de)

Energiespeicher für den Antrieb eines beweglichen Kontaktes eines elektrischen Schalters

Title (fr)

Mécanisme à accumulateur d' énergie pour actionner un contact mobile d' un disjoncteur électrique

Publication

**EP 1220250 A3 20040929 (DE)**

Application

**EP 01250353 A 20011008**

Priority

DE 10065090 A 20001221

Abstract (en)

[origin: DE10065090C1] The energy store is coupled to the drive train for operation of a movable contact via a lever (25) and has an energy storage spring (19) held between a stationary counter-bearing (17) and a movable counter-bearing (18) via a U-shaped support platform (20) fitted with the stationary counter-bearing. The support platform, the energy storage spring and the 2 counter-bearings form a self-supporting unit secured to the switch carrier adjacent one counter-bearing, the support platform having 2 adjacent rod elements (21,22) transverse to the working direction of the storage spring secured to the switch carrier, with a stop for the movable counter-bearing provided by an associated shock absorber (23).

IPC 1-7

**H01H 3/60**

IPC 8 full level

**H01H 3/30** (2006.01); **H01H 3/60** (2006.01)

CPC (source: EP)

**H01H 3/30** (2013.01); **H01H 3/60** (2013.01)

Citation (search report)

- [Y] GB 1384699 A 19750219 - ASS ELECT IND
- [Y] GB 496414 A 19381130 - ENGLISH ELECTRIC CO LTD, et al
- [A] US 5302786 A 19940412 - ROSEN JAMES L [US], et al
- [A] US 5571255 A 19961105 - BAGINSKI PIERRE [FR], et al
- [DA] EP 0955649 A2 19991110 - EATON CORP [US]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**DE 10065090 C1 20020307**; EP 1220250 A2 20020703; EP 1220250 A3 20040929

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