

Title (en)

Switching shaft unit for a switch

Title (de)

Schaltwelleneinheit für einen Schalter

Title (fr)

Unité d'arbre de commande pour un interrupteur

Publication

EP 1137038 A3 20030319 (DE)

Application

EP 01106654 A 20010316

Priority

DE 10013160 A 20000317

Abstract (en)

[origin: DE10013160A1] The unit has an S-shaped contact element rotatably mounted on an axle, operated in the closing direction by a bias element acting essentially perpendicularly to the axle and a joint element actuated by it and engaging near the apex of the contact element and in the opening direction when a dead point has been passed. The contact element has a control contour for engagement with the bias element during opening and before reaching the dead point. The unit has an S-shaped contact element (2) rotatably mounted on an axle (3), operated in the closing direction by a bias element (19) acting essentially perpendicularly to the axle and a joint element (23) actuated by it and engaging near the apex of the contact element and in the opening direction when a dead point (A) has been passed. The contact element has a control contour (25) on the side facing the bias element for engagement with the bias element during opening and before reaching the dead point.

IPC 1-7

H01H 73/04

IPC 8 full level

H01H 73/04 (2006.01); **H01H 77/10** (2006.01)

CPC (source: EP)

H01H 1/205 (2013.01); **H01H 73/045** (2013.01); **H01H 1/2058** (2013.01); **H01H 77/104** (2013.01)

Citation (search report)

- [Y] WO 9962092 A1 19991202 - GEN ELECTRIC [US]
- [Y] EP 0889498 A2 19990107 - AEG NIEDERSpannungSTECH GMBH [DE]
- [A] US 5310971 A 19940510 - VIAL DENIS [FR], et al
- [E] US 6310307 B1 20011030 - CIARCIA RONALD [US], et al

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GB2576338A; EP1772885A1; US8071898B2; US6924445B2; WO03041106A1

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