

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 B1 20070516 (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 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 (examination)

WO 0106530 A1 20010125 - AEG NIEDERSPANNUNGSTECH GMBH [DE], et al

Cited by

GB2576338A; EP1772885A1; US8071898B2; US6924445B2; WO03041106A1

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)

EP 1137038 A2 20010926; **EP 1137038 A3 20030319**; **EP 1137038 B1 20070516**; AT E362645 T1 20070615; DE 10013160 A1 20011004; DE 10013160 B4 20060706; DE 50112498 D1 20070628; ES 2286051 T3 20071201

DOCDB simple family (application)

EP 01106654 A 20010316; AT 01106654 T 20010316; DE 10013160 A 20000317; DE 50112498 T 20010316; ES 01106654 T 20010316