

Title (en)

Forcedly controlled electromechanical switching apparatus.

Title (de)

Elektromechanisches Schaltgerät mit forcierter Steuerung.

Title (fr)

Appareil interrupteur électromécanique à marche forcée.

Publication

EP 0682353 A1 19951115 (FR)

Application

EP 95401096 A 19950509

Priority

FR 9405931 A 19940511

Abstract (en)

The switch includes a manual control button (13) which has an automatic control position in the centre of its window (12) for passage of the control button (13), with the teeth (63) of a rack on the underside of a button in meshing engagement with the toothed sector (62) of a rocking element on an axis (61) parallel to that (46) of a lightweight right-angled lever (40). In the alternative position a finger (65) on the rocking element engages the end of one arm (41) of the lever, whose other arm (42) lifts the carrier (21) of the moving contacts (18) into engagement with the fixed contacts (17), without energisation of the coil (31). <IMAGE>

Abstract (fr)

Un levier 40 articulé sur un palier fixe 46 présente un bras 41 mené par un bouton de commande manuelle 13 et un bras 42 maintenant l'alignement du circuit magnétique mobile 34 via un palier 43. Une pièce basculante 60 d'entraînement et de blocage est disposée entre le bouton 13 et le bras 41 du levier. <IMAGE>

IPC 1-7

H01H 50/32

IPC 8 full level

H01H 50/32 (2006.01)

CPC (source: EP)

H01H 50/326 (2013.01); **H01H 2050/328** (2013.01)

Citation (search report)

- [AD] EP 0384790 A1 19900829 - TELEMECANIQUE [FR]
- [A] FR 2383480 A1 19781006 - CEM COMP ELECTRO MEC [FR]
- [A] FR 2533068 A1 19840316 - HAGER ELECTRO [FR]
- [A] FR 2410352 A1 19790622 - MANG ETS GERARD [FR]

Cited by

CN104170041A; US9455098B2

Designated contracting state (EPC)

AT BE CH DE DK ES GB IT LI NL SE

DOCDB simple family (publication)

EP 0682353 A1 19951115; **EP 0682353 B1 19990901**; AT E184131 T1 19990915; DE 69511759 D1 19991007; DE 69511759 T2 19991223; DK 0682353 T3 20000327; ES 2136258 T3 19991116; FI 952199 A0 19950508; FI 952199 A 19951112; FR 2719942 A1 19951117; FR 2719942 B1 19960621; NO 308566 B1 20000925; NO 951849 D0 19950510; NO 951849 L 19951113

DOCDB simple family (application)

EP 95401096 A 19950509; AT 95401096 T 19950509; DE 69511759 T 19950509; DK 95401096 T 19950509; ES 95401096 T 19950509; FI 952199 A 19950508; FR 9405931 A 19940511; NO 951849 A 19950510