

Title (en)

Rotating switching device with push buttons and self-cleaning of the contacts.

Title (de)

Drehende Schaltvorrichtung mit Druckknöpfen und Selbstreinigung der Kontakte.

Title (fr)

Dispositif d'interrupteur ou commutateur tournant à poussoirs avec auto-nettoyage des contacts.

Publication

EP 0105817 A1 19840418 (FR)

Application

EP 83420160 A 19831006

Priority

FR 8216946 A 19821006

Abstract (en)

1. Switch or commutator, of the type comprising at least one push button (5) radially actuated by at least one main rotating cam (4), which push button drives at least one movable contact (6) which, for at least one angular operating position of this cam (4), is applied against at least one corresponding fixed contact (7), being by contrast separated from it for at least one angular position of the latter (4), whilst displacing means (14) are provided which, when the movable contact (8) is applied against the fixed one (7), displaces it against the latter for at least a part of the remainder of the travel of the main cam between an open circuit position and its next closed circuit position, characterised in that the displacing means are constituted by an auxiliary cam (14) co-axial with the main cam and angularly fixed with respect to it, said auxiliary cam acting on a carrier (15) guided perpendicular to the path of opening and closing of the movable contact (6) and which, when the latter is in its closed position, displaces it positively relative to the fixed contact (7).

Abstract (fr)

L'axe (3) entraîne la came principale usuelle (4) qui agit sur les poussoirs (5) pour écarter les contacts mobiles (6) de ceux fixes (7). Mais il est prévu une came auxiliaire (14) dont les lobes (14a) repoussent au passage le bossage (15a d'un chariot (15) susceptible de coulisser suivant l'axe des tiges (9) à l'encpntre du ressort (16). (15) porte des doigts (15d) qui enserrrent la partie médiane départée des barrettes (12) portant les contacts mobiles (6), en obligeant ainsi ces derniers à frotter contre les contacts fixe (7) pour réaliser l'auto-nettoyage désiré.

IPC 1-7

H01H 1/18; **H01H 19/62**

IPC 8 full level

H01H 1/18 (2006.01); **H01H 19/62** (2006.01)

CPC (source: EP)

H01H 1/18 (2013.01)

Citation (search report)

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