

Title (en)

ROTATING SWITCHING DEVICE WITH PUSH BUTTONS AND SELF-CLEANING OF THE CONTACTS

Publication

EP 0105817 B1 19860813 (FR)

Application

EP 83420160 A 19831006

Priority

FR 8216946 A 19821006

Abstract (en)

[origin: EP0105817A1] 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).

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)

Cited by

US6256169B1; EP0252285A1; CN104269293A; FR2778789A1; FR2570870A2; US6278619B1; WO9959177A1; US10729432B2

Designated contracting state (EPC)

AT BE CH DE GB IT LI NL SE

DOCDB simple family (publication)

EP 0105817 A1 19840418; **EP 0105817 B1 19860813**; AT E21467 T1 19860815; DE 3365324 D1 19860918; ES 283294 U 19851116; ES 283294 Y 19860616; FR 2534421 A1 19840413; FR 2534421 B1 19851018

DOCDB simple family (application)

EP 83420160 A 19831006; AT 83420160 T 19831006; DE 3365324 T 19831006; ES 283294 U 19831005; FR 8216946 A 19821006