

Title (en)
SWITCH MECHANISM WITH A CONDUCTING SLIDE HAVING A DOUBLE PIVOT, AND SWITCH HAVING SUCH A MECHANISM, ESPECIALLY FOR ALTERNATING CURRENT

Publication
EP 0268518 B1 19930901 (FR)

Application
EP 87402409 A 19871026

Priority
FR 8615041 A 19861029

Abstract (en)
[origin: US4843200A] A switch mechanism comprises, movably mounted between a fixed yoke and at least one fixed contact, at least one conductive contact arm which is articulated to the fixed yoke, which is itself conductive. The arm is controlled by an operating member available to the user to assume one or other of at least two positions in one of which it bears against the fixed contact through a bearing area and in the other of which it is spaced from the latter. A double pivot is used for articulating the conductive contact arm to the fixed yoke, which comprises two separate pivoting areas parallel to each other, one for each of said two positions of the conductive contact arm. The conductive contact arm itself comprises two distinct contact areas for cooperating each with a respective one of the pivoting areas.

IPC 1-7
H01H 23/12

IPC 8 full level
H01H 23/24 (2006.01); **H01H 23/12** (2006.01); **H01H 23/30** (2006.01); **H01H 1/58** (2006.01)

CPC (source: EP US)
H01H 23/12 (2013.01 - EP US); **H01H 1/5833** (2013.01 - EP US)

Citation (examination)
Schülerduden, Die Mathematik 1, Auflage 4, 1981, Bibliographisches Institut Mannheim, page 337, colonne 1

Cited by
FR2711841A1; GB2284099A; FR2666926A1; FR3078818A1; FR2735609A1; US5731559A; EP0840337A1; GB2348319A; FR2791464A1; GB2348319B; EP1288986A1; FR2829284A1; WO2019170966A1

Designated contracting state (EPC)
AT BE DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0268518 A1 19880525; EP 0268518 B1 19930901; AT E93992 T1 19930915; AU 605514 B2 19910117; AU 8046787 A 19880526; BR 8705905 A 19880531; DE 3787256 D1 19931007; DE 3787256 T2 19931216; ES 2042595 T3 19931216; FR 2606208 A1 19880506; FR 2606208 B1 19950113; JP S63170821 A 19880714; MA 21089 A1 19880701; MX 162866 B 19910702; NZ 222327 A 19900327; PT 86015 A 19881130; PT 86015 B 19930930; US 4843200 A 19890627

DOCDB simple family (application)
EP 87402409 A 19871026; AT 87402409 T 19871026; AU 8046787 A 19871029; BR 8705905 A 19871029; DE 3787256 T 19871026; ES 87402409 T 19871026; FR 8615041 A 19861029; JP 27460087 A 19871029; MA 21330 A 19871026; MX 906987 A 19871029; NZ 22232787 A 19871028; PT 8601587 A 19871028; US 11313687 A 19871027