

Title (en)

ADJUSTABLE RESISTOR, IN PARTICULAR FOR MANUAL SWITCHES OF ELECTRICAL TOOLS

Publication

EP 0348679 A3 19911016 (DE)

Application

EP 89109900 A 19890601

Priority

DE 3821562 A 19880625

Abstract (en)

[origin: JPH0251202A] PURPOSE: To enable adjustment all over the movement range, independently of a preset value, by making a contact or a corresponding contact and/or a resistance path array perform additively adjustment or adjusting movement transversely to the length direction of the resistance path array, by using an adjusting equipment. CONSTITUTION: A resistance path array 4 contains an uniform resistance layer, which stretches in some length not only in the length direction shown by an alternate long and one-dot chain line 13 but also in the direction intersecting the length direction. When a contact 9 is in the vicinity of a short conductor path 5, the resistance generated between outer connection terminals 6 and 8 is the minimum value. When the contact 9 moves in the transversal direction, from the conductor path 5 to the most distant position, the resistance value has an initial value corresponding to the distance between the conductor 5 and the contact 9. The initial value is increased by adjustment (adjusting movement) parallel with the length direction 13 of the contact 9. Different final values can be obtained by adjusting movement in the transverse direction of the contact 9.

IPC 1-7

H01C 10/30; **H01C 10/14**; **H01H 9/06**

IPC 8 full level

H01C 10/23 (2006.01); **H01C 10/14** (2006.01); **H01C 10/30** (2006.01); **H01H 9/06** (2006.01)

CPC (source: EP US)

H01C 10/14 (2013.01 - EP US); **H01C 10/305** (2013.01 - EP US); **H01H 9/061** (2013.01 - EP US)

Citation (search report)

- DE 8802883 U1 19880421
- US 3663755 A 19720516 - LACE MELVIN A
- EP 0047849 A2 19820324 - CARRIER CORP [US]
- EP 0259763 A2 19880316 - PREH ELEKTRO FEINMECHANIK [DE]
- US 4097704 A 19780627 - PIBER EARL T

Designated contracting state (EPC)

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DOCDB simple family (application)

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