

Title (en)

Polarity switch for tap selector.

Title (de)

Polungsschalter für Stufenwähler.

Title (fr)

Commutateur de polarité pour sélecteur de prises.

Publication

EP 0546283 B1 19941207 (DE)

Application

EP 92117773 A 19921017

Priority

DE 4141142 A 19911213

Abstract (en)

[origin: US5315078A] A step-transformer selector has a generally cylindrical drum centered on an axis and provided with an annular array of selector contacts and, axially offset therefrom, with at least one polarity contact offset axially from the selector contacts. A selector shaft extends along the axis in the drum and rotatable about the axis to connect to selected ones of the selector contacts. A polarity switch having a pivot in the drum offset from the axis and a ring can rock in the drum on the pivot between a connecting position touching and connecting to the polarity contact and an out-of-service position offset from and out of contact with the polarity contact. A cam on the shaft engages a follower on the ring for rocking the ring from its out-of-service position into its connecting position at least once during each rotation of the shaft about the axis.

IPC 1-7

H01H 9/00

IPC 8 full level

H01F 29/04 (2006.01); **H01H 9/00** (2006.01); **H01H 9/48** (2006.01)

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

AT DE FR GB SE

DOCDB simple family (publication)

US 5315078 A 19940524; AT E115327 T1 19941215; BG 60735 B1 19960131; BG 97164 A 19940324; CA 2085029 A1 19930614; CA 2085029 C 20021029; DE 4141142 C1 19930408; DE 59200914 D1 19950119; EP 0546283 A2 19930616; EP 0546283 A3 19930630; EP 0546283 B1 19941207; HU 209220 B 19940328; HU 9203811 D0 19930329; HU T63014 A 19930628; JP 3424947 B2 20030707; JP H05267076 A 19931015; RO 113093 B1 19980330

DOCDB simple family (application)

US 98934392 A 19921211; AT 92117773 T 19921017; BG 9716492 A 19921211; CA 2085029 A 19921210; DE 4141142 A 19911213; DE 59200914 T 19921017; EP 92117773 A 19921017; HU 381192 A 19921202; HU 9203811 A 19921202; JP 33072092 A 19921210; RO 9201536 A 19921209