Title (en)

CYLINDRICAL TAP SELECTOR FOR STEP-DOWN TRANSFORMERS ACTUATED IN ONE STEP

Publication

EP 0371375 A3 19910814 (DE)

Application

EP 89121510 A 19891121

Priority

DE 3840528 A 19881201

Abstract (en)

[origin: EP0371375A2] Tap selector for step-down transformers actuated in one step, in which the fixed tap contacts of one phase are arranged in two planes on the circumference of the cylinder, and in which a central contact tube is arranged, which carries a moveable contact in each plane and can be actuated in steps by means of an actuating disc, which is seated on its upper end and in which an actuating crank having two cams offset by 180 DEG reciprocally engages. The tap selector possesses a change-over selector that can be actuated after a complete revolution and is arranged flush underneath the tap selector, the contacts of which change-over selector are situated in a further plane of the cylindrical tap selector and the moveable contacts of which changeover selector can be actuated depending upon the drive of the contacts of the tap selector. In this arrangement, the moveable change-over selector contacts (30) are seated at the end of a selector shaft (31) arranged concentrically in the contact tube (21), it being possible for the selector shaft to be actuated by means of a crank (32) seated on its upper end depending upon the actuating disc (28) of the tap selector. <IMAGE>

IPC 1-7

H01H 9/00

IPC 8 full level

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

CPC (source: EP KR)

H01F 21/12 (2013.01 - KR); **H01H 9/0027** (2013.01 - EP)

Citation (search report)

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- [A] DE 856019 C 19521117 - SIEMENS AG
- [A] US 3764891 A 19731009 - LINGENFELTER R, et al
- [AD] CH 294482 A 19531115 - SIEMENS AG [DE]

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Designated contracting state (EPC)

AT DE FR GB SE

DOCDB simple family (publication)

EP 0371375 A2 19900606; **EP 0371375 A3 19910814**; **EP 0371375 B1 19940330**; AT E103734 T1 19940415; DE 3840528 A1 19900607; DE 3840528 C2 19910117; DE 58907345 D1 19940505; HU 206422 B 19921028; HU 896219 D0 19900228; HU T52271 A 19900628; JP H02189908 A 19900725; KR 900010818 A 19900709

DOCDB simple family (application)

EP 89121510 A 19891121; AT 89121510 T 19891121; DE 3840528 A 19881201; DE 58907345 T 19891121; HU 621989 A 19891128; JP 30677589 A 19891128; KR 890017626 A 19891130