

Title (en)  
TAP CHANGER WITH POTENTIAL SWITCH FOR TAPPED TRANSFORMERS

Publication  
**EP 0035637 B1 19840314 (DE)**

Application  
**EP 81100595 A 19810128**

Priority  
DE 3009052 A 19800308

Abstract (en)  
[origin: EP0035637A1] 1. Tap switch for tapped transformers with tap selector (1) constructed as cylindrical rod cage and a reverser (3), which is arranged laterally of the tap selector (1) and consists of a lower arm (20) and an upper arm (19), which are each connected with the cage rings (5, 6) of the tap selector (1) and have insulating rods (21, 22) fastened thereat, which carry the fixed reverser contacts (23, 24), and of a switching shaft (25), which is borne in the arms (19, 20) carried the movable reverser contacts (26) and which is actuatable by means of a first fork (30), which is borne at the upper cage ring (6) and into which engages a dog (33) sitting on a drive sheave (13) of the selector (1), wherein polarity contacts (37) the movable contacts (38) of which are actuatable together with the reverser contacts (26), for the tying of a centre tap of the cap winding to a certain potential are arranged on a further insulating rod (36) likewise laterally of the tap selector (1), characterized thereby, that the movable polarity contacts (38) are actuatable by means of a further actuating fork (48) borne at the upper cage ring (6), wherein a roller (33) likewise sitting on the drive sheave (13) of the selector engages into this further actuating fork (48).

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**H01F 29/02**; **H01H 9/00**

IPC 8 full level  
**H01F 29/04** (2006.01); **H01F 29/02** (2006.01); **H01H 9/00** (2006.01); **H01H 3/44** (2006.01)

CPC (source: EP)  
**H01H 9/0027** (2013.01); **H01H 3/44** (2013.01)

Citation (examination)  
• DE 2815736 B1 19790913 - REINHAUSEN MASCHF SCHEUBECK  
• DE 1942567 B2 19711216

Cited by  
EP0354424A1; CN106935425A; CN102709036A; CN105788903A; CN102789911A; EP0354425A1; FR2660108A1; EP0354423A1

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